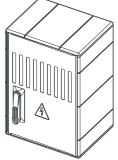
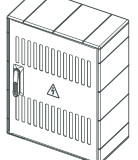
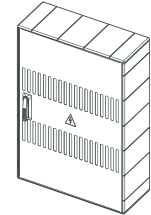


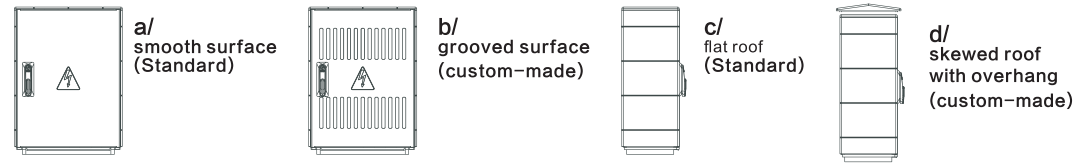
A000 NEW SERIES - EMPTY BOXES WITH TRANSPARENT INSIDE DOOR

Type	SS1/N-2D-450	SS2/N-2D	SD3/N-2D
SS,SD "2D"			
	N, S 320 x 470 x 250	N, S 470 x 620 x 250	N, S 620 x 920 x 250
Intended for meter boxes with possibility of the following fitting:	1x single-phase electrometer 1x tariff delay release	2x single-phase electrometer 1x tariff delay release or 1x three-phase electrometer 1x single-phase electrometer 1x tariff delay release	6x single-phase electrometer 1x tariff delay release or 4x single-phase electrometer and 1x three-phase electrometer 1x tariff delay release or 2x three-phase electrometer 1x tariff delay release

These boxes are standardly supplied with transparent inside door. This new model series are intended for use as electrometer boxes. These boxes can be equipped according to the customer's request. Production can be limited by a minimum order quantity.

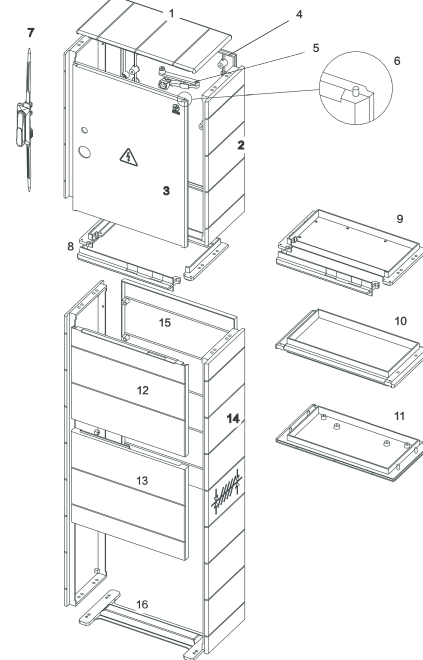
Note: Location of the space for a circuit breaker is given by a construction of mould.

DESIGN VARIANTS OF MODEL SERIES N



STANDARD BOX ASSEMBLY

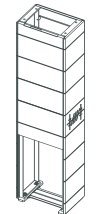
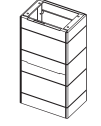
Position	Description
1	Roof (standard flat)
2	Box side wall
3	Door
4	Back wall
5	Door stopper
6	Door hinges
7	3-point locking system
8	Spacer with rail (for assembly of a compact column - open cable space) Construction type: K
9	Spacer with rail + plastic cover (for assembly of a compact column - closed cable space / 2 separate areas) Construction type: K
10	Solid spacer (for assembly of 2 boxes in vertical way)
11	Bottom cover (for application on a wall and on a pole) Construction type: N, S
12	Base front cover (upper part)
13	Base front cover (lower part)
14	Base side wall
15	Base back wall
16	Stabilizing plate



A000 SMC N-C

SWITCHBOARDS AND COLUMNS MADE OF THERMOSET

These are monolithic plastic switchboards with an easy way of installation without any assembling. Usually supplied with open bottom. Closed/full bottom custom made only.

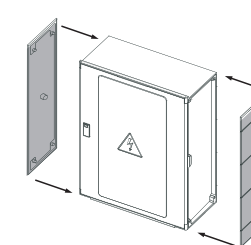
Model series	Type	SP1/N-C
	SP	
		325 x 285 x 120
	Type	SS1/N-C SS2/N-C SS3/N-C
S	S	
		320 x 600 x 220 470 x 600 x 220 640 x 600 x 220
	Type	PP1/N-C PP2/N-C PP3/N-C
	P	
K	K	
		320 x 1215 x 220 470 x 1215 x 220 640 x 1215 x 220
	Type	KD1/N-C KD2/N-C KD3/N-C
		320 x 600 x 220 470 x 600 x 220 640 x 600 x 220



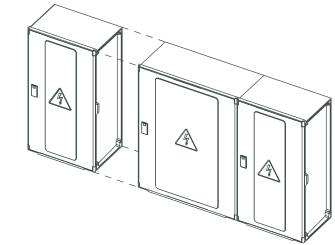
Note: Model series SS/N-C can be mounted beside each other only. SP1/N-C separately supplied. At customer's request we can produce also columns in a height option of "900" or terminal part in height option of "600". Production can be limited by a minimum order quantity.

COVERING SIDE PANELS

These design covering boards are intended as a tasteful element for N-C type of SMC boxes only. Mounting is easy, each panel is clipped to the box and fixed with 3 screws.



N-C model series possibilities - covering side panels

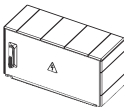
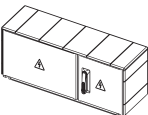
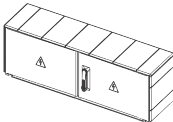
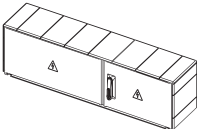
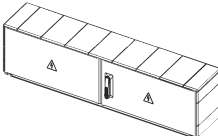
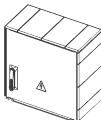
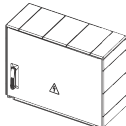
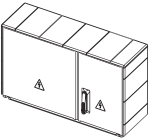
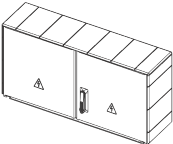
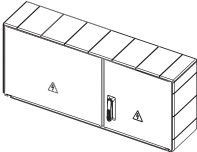
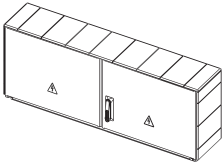
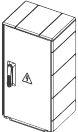
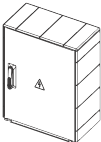
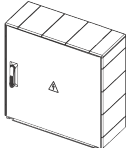
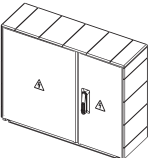
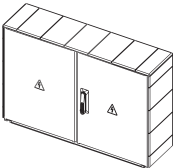
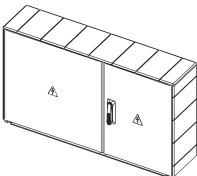
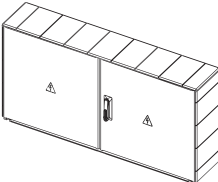


Easy connecting of boxes and columns into assemblies

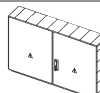
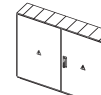
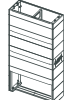
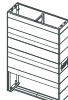
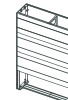
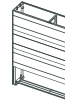
A000 SMC SWITCHBOARDS AND COLUMNS made of thermoset Depth of boxes 250 or 320 mm

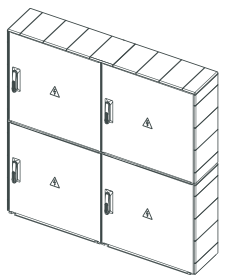


Model series

Type	SS1/N	SS2/N	SS3/N	
SS				
„300 “	V,K 320 x 340 x 250 (320) N,S 320 x 320 x 250 (320)	V,K 470 x 340 x 250 (320) N,S 470 x 320 x 250 (320)	V,K 620 x 340 x 250 (320) N,S 620 x 320 x 250 (320)	
Type	SR21/N	SR22/N	SR32/N	SR33/N
SR				
„300 “	V,K 780 x 340 x 250 (320) N,S 780 x 320 x 250 (320)	V,K 930 x 340 x 250 (320) N,S 930 x 320 x 250 (320)	V,K 1080 x 340 x 250 (320) N,S 1080 x 320 x 250 (320)	V,K 1230 x 340 x 250 (320) N,S 1230 x 320 x 250 (320)
Type	SS1/N	SS2/N	SS3/N	
SS				
„450 “	V,K 320 x 490 x 250 (320) N,S 320 x 470 x 250 (320)	V,K 470 x 490 x 250 (320) N,S 470 x 470 x 250 (320)	V,K 620 x 490 x 250 (320) N,S 620 x 470 x 250 (320)	
Type	SR21/N	SR22/N	SR32/N	SR33/N
SR				
„450 “	V,K 780 x 490 x 250 (320) N,S 780 x 470 x 250 (320)	V,K 930 x 490 x 250 (320) N,S 930 x 470 x 250 (320)	V,K 1080 x 490 x 250 (320) N,S 1080 x 470 x 250 (320)	V,K 1230 x 490 x 250 (320) N,S 1230 x 470 x 250 (320)
Type	SS1/N	SS2/N	SS3/N	
SS				
„600 “ standard	V,K 320 x 640 x 250 (320) N,S 320 x 620 x 250 (320)	V,K 470 x 640 x 250 (320) N,S 470 x 620 x 250 (320)	V,K 620 x 640 x 250 (320) N,S 620 x 620 x 250 (320)	
Type	SR21/N	SR22/N	SR32/N	SR33/N
SR				
„600 “ standard	V,K 780 x 640 x 250 (320) N,S 780 x 620 x 250 (320)	V,K 930 x 640 x 250 (320) N,S 930 x 620 x 250 (320)	V,K 1080 x 640 x 250 (320) N,S 1080 x 620 x 250 (320)	V,K 1230 x 640 x 250 (320) N,S 1230 x 620 x 250 (320)

Model series

Type	SD1/N	SD2/N	SD3/N	
SD				
	V.K 320 x 790 x 250 (320) N.S 320 x 770 x 250 (320)	V.K 470 x 790 x 250 (320) N.S 470 x 770 x 250 (320)	V.K 620 x 790 x 250 (320) N.S 620 x 770 x 250 (320)	
	SD21/N	SD22/N	SD32/N	SD33/N
"750"				
	V.K 780 x 790 x 250 (320) N.S 780 x 770 x 250 (320)	V.K 930 x 790 x 250 (320) N.S 930 x 770 x 250 (320)	V.K 1080 x 790 x 250 (320) N.S 1080 x 770 x 250 (320)	V.K 1230 x 790 x 250 (320) N.S 1230 x 770 x 250 (320)
	Type	SD1/N	SD2/N	SD3/N
SD				
	V.K 320 x 940 x 250 (320) N.S 320 x 920 x 250 (320)	V.K 470 x 940 x 250 (320) N.S 470 x 920 x 250 (320)	V.K 620 x 940 x 250 (320) N.S 620 x 920 x 250 (320)	
	SD21/N	SD22/N	SD32/N	SD33/N
"900" standard				
	V.K 780 x 940 x 250 (320) N.S 780 x 920 x 250 (320)	V.K 930 x 940 x 250 (320) N.S 930 x 920 x 250 (320)	V.K 1080 x 940 x 250 (320) N.S 1080 x 920 x 250 (320)	V.K 1230 x 940 x 250 (320) N.S 1230 x 920 x 250 (320)
	Type	PP1/N	PP2/N	PP3/N
PP				
	320 x 1215 x 250 (320)	470 x 1215 x 250 (320)	620 x 1215 x 250 (320)	
	PP21/N	PP22/N	PP32/N	PP33/N
"1200" standard				
	780 x 1215 x 250 (320)	930 x 1215 x 250 (320)	1080 x 1215 x 250 (320)	1230 x 1215 x 250 (320)
	Type	PP1/N	PP2/N	PP3/N
PP				
	320 x 915 x 250 (320)	470 x 915 x 250 (320)	620 x 915 x 250 (320)	
	PP21/N	PP22/N	PP32/N	PP33/N
"900"				
	780 x 915 x 250 (320)	930 x 915 x 250 (320)	1080 x 915 x 250 (320)	1230 x 915 x 250 (320)
	Type	KD1/N	KD2/N	KD3/N
KD				
	320 x 600 x 250 (320)	470 x 600 x 250 (320)	620 x 600 x 250 (320)	
	KD21/N	KD22/N	KD32/N	KD33/N
"600"				
	780 x 600 x 250 (320)	930 x 600 x 250 (320)	1080 x 600 x 250 (320)	1230 x 600 x 250 (320)



Boxes can be assembled beside and above each other.

CROP-DCK SMC boxes of the same height and width can be lined up and assembled beside and above each other. Connecting of boxes and columns in one compact entity is easy and simple. Standard height option of boxes is „600“ and „900“. Note: At customer's request we can produce also SMC boxes in a height option of „300“, „450“ and „750“. Depth of boxes 320 mm only custom-made. Production can be limited by a minimum order quantity.

CROP-DCK boxes can be mounted on a column. Standard height of PC columns is 1215 mm. At customer's request we can produce also columns in a height option of „900“ or terminal part in height option of „600“. They can be supplied completely assembled or in parts. Each column is stabilized by a stabilizing plate.

Production can be limited by a minimum order quantity.

A050 LOCKING SYSTEMS



1) One point locking system

Standard energetic lock according to ČSN 35 9754. DCK provides their customers with 5 types of one point locks which enable to lock the box in one point.

SMC boxes:	G1, G2, EM
------------	------------

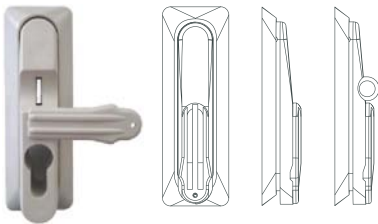
Note: Using of one point lock by each type of boxes should be discussed. Delivery with box only. Keys are not parts of one point locks and must be ordered separately.

2) 3-point locking system with exchangeable cylinder

This system allows to lock the box in three directions.

Note: Cylinders are not part of the locks and must be ordered separately.

* Option with a special loop for a padlock.



A051 LOCK INSERTIONS - CYLINDERS

1) Crescent shaped lock cylinder

Standard energetic lock cylinder in accordance with ČSN 35 9754.

2) Square shaped lock cylinder

Production can be limited by a minimum order quantity.

3) Half lock cylinder

Key is a part of half lock cylinder. Production can be limited by a minimum order quantity. limited by a minimum order quantity.

4) Other lock cylinder types

At customer's request can be made also other types of lock cylinders.

Note: Keys are not parts of cylinders and must be ordered separately.

A052 KEYS

1) Energetic UNI key

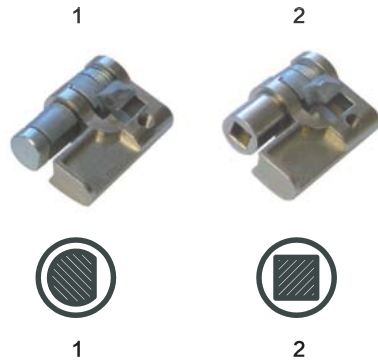
All types of one point locks can be opened with this universal key. This combined key enables to open not only crescent shaped locks and cylinders but also square shaped cylinders. Must be ordered separately.

2) Square shaped key

It is intended for square shaped cylinders. Must be ordered separately.

3) Half lock cylinder key

It is intended for standard Half lock cylinders. Key is a part of half lock cylinder.



A053 NYLON CABLE GLANDS(PG TYPE)

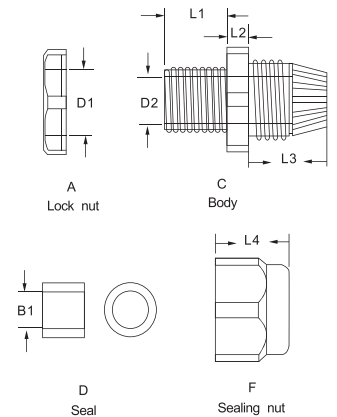
• **Material:** made from UL Nylon 66, 94V-2 and tight ring from rubber.

• **Feature:**

1. Special designation, good strength and none damage to electrical machine.
2. not need to disassemble the fix terminal, cable can be inserted through directly then tighten easy and save time.

• **Application:** used for machinery control box, distribution plate, machine and electrical, etc.

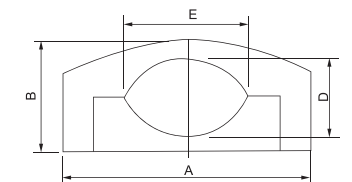
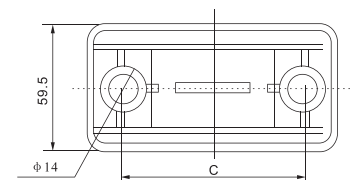
ITEM NO.	D1	D2	L1	L2	L3	L4	B1	Cable range
PG-07	12.0	8.1	9	5	15	14.0	6.4	3.5-6
PG-09	16.0	11.0	9	5	15	16.0	8.6	4-8
PG-11	17.9	13.0	9	5	18	18.0	10.7	5-10
PG-13.5	20.2	15.0	9	5	20	19.0	13.3	6-12
PG-16	22.0	17.0	11	5	20	19.0	14.3	10-14
PG-19	24.0	19.0	11	5	22	21.0	15.5	12-15
PG-21	26.9	21.8	11	6	24	22.0	16.7	13-18
PG-24	29.8	24.0	13	7	24	24.0	19.2	15-22
PG-29	36.0	28.0	13	7	25	24.0	24.8	18-25
PG-36	45.7	39.0	15	8	32	27.0	30.7	22-32
PG-42	54.0	46.0	15	8	33	29.0	35.6	30-38
PG-48	59.0	51.0	16	8	36	30.0	41.4	34-44
PG-63	71.0	63.5	28	9	45	44.0	55	42-54



A054 CABLE HOLDER



Type	Cable Size	A	B	C	D	E
CH34	(20-30)mm ²	90	43	60.5	22	34
CH48	(36-52)mm ²	108	49.5	75	32.7	48
CH57	(55-75)mm ²	114.5	52.6	83.5	36	57
CH69	(75-95)mm ²	128	66	96	46.7	69
CH95	(90-150)mm ²	150	55	120	65	95

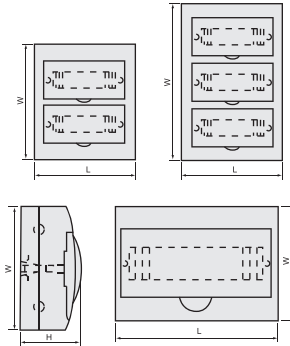


A001 SURFACE MOUNTING DISTRIBUTION BOX DBS SERIES IP40

T: transparent, default color: black

N: not transparent, default color: white color same as frame color

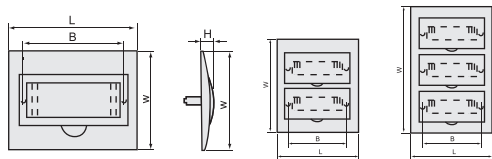
Special color can be required, if without requirement, we offer default tvoe.



Category	Modules	Dimensions(mm)		
		L	W	H
DBS 4	4 ways	112	200	96
DBS 6	6 ways	148	200	97
DBS 8	8 ways	184	200	96
DBS 12	12 ways	256	200	63
DBS 18	18 ways	364	200	63
DBS 24	24 ways	270	325	100
DBS 36	36 ways	305	473	100

Same dimensions for box with transparent and non-transparent door.

A002 FLUSH MOUNTING DISTRIBUTION BOX DBF SERIES IP40



Category	Modules	Dimensions(mm)			
		L	W	B	H
DBF 4	4 ways	136	222	86	27
DBF 6	6 ways	172	222	122	27
DBF 8	8 ways	208	222	158	27
DBF 12	12 ways	280	222	230	27
DBF 18	18 ways	398	252	338	27
DBF 24	24 ways	300	345	230	27
DBF 36	36 ways	341	503	265	27

Category	Modules	Dimensions(mm)		
		L	W	H
DBF 4	4 ways	112	200	66
DBF 6	6 ways	150	200	66
DBF 8	8 ways	186	200	66
DBF 12	12 ways	256	200	66
DBF 18	18 ways	363	216	76
DBF 24	24 ways	257	310	76
DBF 36	36 ways	293	455	76

Same dimensions for box with transparent and non-transparent door.

A003 RESIN CONNECTING BOX INLINE CONNECTION

No.	Model of box	Cable type and size Max. section range	conductor section without armour (mm ²)	conductor section with armour (mm ²)	Megic Gel (g)	Overall dimension (mm)
00301	GCD1	SE,SM, RE,RM dia. conductor: 8-26mm	3x16 4x16	3x10 4x10	150	185 x 40 x 45
00302	GCD2	SE,SM, RE,RM dia. conductor: 14-32mm	3x35 4x25	3x16 4x16	365	270 x 55 x 55
00303	GCD3	SE,SM, RE,RM dia. conductor: 23-39mm	3x50 4x50	3x50 4x35	620	355 x 65 x 60
00304	GCD4	SE,SM, RE,RM dia. conductor: 28-50mm	3x95 4x95	3x95 4x70	1300	400 x 90 x 75
00305	GCD5	SE,SM, RE,RM dia. conductor: 33-60mm	3x185 4x150	3x150 4x120	12000	485x220x180

One set include:

Gel connecting box 1pc, sealing form tap 2pcs, PVC insulation tap 1pcs, end sealing tap 2pcs. Full set of box not include the Magic gel.



A003 RESIN CONNECTING BOX TAP-OFF CONNECTION

No.	Model of box	Cable type and size Max. diameter range	Conductor section main (mm ²)	Conductor section tap (mm ²)	Megic Gel (g)	Overall dimension (mm)
00311	GCB1	SE,SM, RE,RM Main :15mm Tap : 15mm	4x1.5-6	4x1.5-4	140	175 x 75 x 40
00312	GCB2	SE,SM, RE,RM Main :22mm Tap : 21mm	4x6-10	4x4-10	500	175 x 110 x 76
00313	GCB3	SE,SM, RE,RM Main :29mm Tap : 22mm	4x16-25	4x6-16	1000	300 x 110 x 76
00314	GCB4	SE,SM, RE,RM Main :27-55mm Tap : 16-36mm	4x35-150	4x6-70	2000	295 x 175 x 130
00315	GCB5	SE,SM, RE,RM Main :35mm Tap : 25mm	4x35-70	4x16-25	2500	400 x 125 x 100
00316	GCB6	SE,SM, RE,RM Main :50mm Tap : 30mm	4x95-150	4x25-50	13000	485 x 220 x 180
00317	GCB7	SE,SM, RE,RM Main :58mm Tap : 35mm	4x120-185	4x35-70	13000	485 x 220 x 180
00318	GCB8	SE,SM, RE,RM Main :65mm Tap : 45mm	4x150-240	4x70-150	13000	485 x 220 x 180
00319	GCB9	SE,SM, RE,RM Main :65mm Tap : 56mm	4x95-240	4x6-150	13000	485 x 220 x 180

one set include:

gel connecting box 1pc, sealing foam tap 2pcs, PVC insulation tap 1pcs

Full set of box not include the Magic gel.



A004 DISTRIBUTION BOX HT SERIES IP65

A

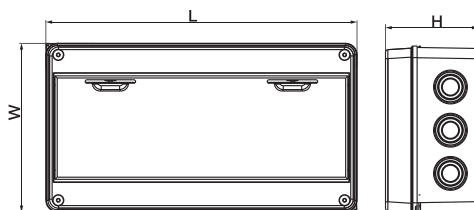


HT Series lighting box is in line with IEC-493-1 standard, attractive and durable, safe and reliable, which is widely used in various places such as factory, mansion, residence, shopping center and so on.

- ※ Panel is the ABS material for the engineering, high strength, never change color, the transparent material is PC.
- ※ Cover push-type opening and closing. Face covering of the distribution box adopts the push-type opening and closing mode, the face mask can be opened by pressing lightly, the self-locking positioning hinge structure is provided when opening.

- ※ Wiring design of the power distribution box. The guide rail support plate can be lifted to the highest movable point, it is no longer limited by the narrow space when installing the wire. To install easily, the switch of the distribution box is set up with the wire groove and wire pipe exit-holes, which are easy to use for a variety of wire grooves and wire pipes.

Model	Dimensions		
	L (mm)	W (mm)	H (mm)
HT-5P	119	159	90
HT-8P	201	155	90
HT-12P	255	198	108
HT-15P	309	198	108
HT-18P	363	198	108



A005 DISTRIBUTION BOX HA SERIES IP65

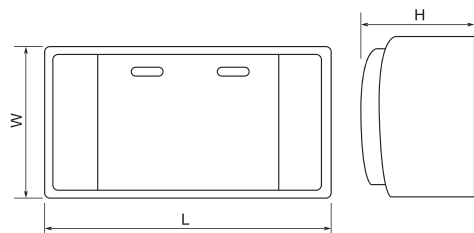


HA Series lighting box is in line with IEC-493-1 standard, attractive and durable, safe and reliable, which is widely used in various places such as factory, mansion, residence, shopping center and so on.

- ※ Panel is the ABS material for the engineering, high strength, never change color, the transparent material is PC.
- ※ Cover push-type opening and closing. Face covering of the distribution box adopts the push-type opening and closing mode, the face mask can be opened by pressing lightly, the self-locking positioning hinge structure is provided when opening.

- ※ Wiring design of the power distribution box. The guide rail support plate can be lifted to the highest movable point, it is no longer limited by the narrow space when installing the wire. To install easily, the switch of the distribution box is set up with the wire groove and wire pipe exit-holes, which are easy to use for a variety of wire grooves and wire pipes.

Model	Dimensions		
	L (mm)	W (mm)	H (mm)
HA-4P	140	210	100
HA-8P	215	210	100
HA-12P	300	260	140
HA-18P	410	285	140
HA-24P	415	300	140



A006 DISTRIBUTION BOX HK SERIES IP65

A

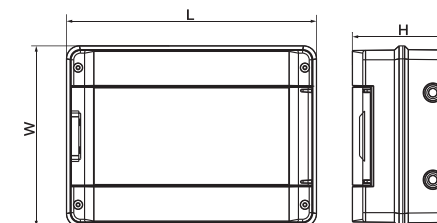


HK Series lighting box is in line with IEC-493-1 standard, attractive and durable, safe and reliable, which is widely used in various places such as factory, mansion, residence, shopping center and so on.

- ※ Panel is the ABS material for the engineering, high strength, never change color, the transparent material is PC.
- ※ Cover push-type opening and closing. Face covering of the distribution box adopts the push-type opening and closing mode, the face mask can be opened by pressing lightly, the self-locking positioning hinge structure is provided when opening.

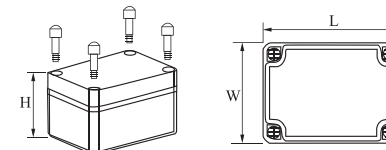
- ※ Wiring design of the power distribution box. The guide rail support plate can be lifted to the highest movable point, it is no longer limited by the narrow space when installing the wire. To install easily, the switch of the distribution box is set up with the wire groove and wire pipe exit-holes, which are easy to use for a variety of wire grooves and wire pipes.

Model	Dimensions		
	L (mm)	W (mm)	H (mm)
HK-5P	140	140	105
HK-8P	195	195	105
HK-12P	268	195	105
HK-18P	370	195	105



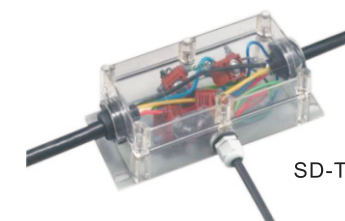
A007 DISTRIBUTION BOX SD SERIES IP 65

SD series box are apply for tunnel overhead or buried.
Material: ABS or PC .



Model	Dimension			Main diameter	Branch diameter
	L(mm)	W(mm)	H(mm)		
SD-T	200	100	80	≤30mm	≤25mm
SD-1	120	120	90	≤40mm	≤30mm
SD-2	145	145	90	≤40mm	≤30mm
SD-3	160	160	90	≤40mm	≤30mm
SD-4	190	190	130	≤50mm	≤40mm
SD-5	250	190	99	≤40mm	≤30mm
SD-6	280	190	130	≤50mm	≤40mm
SD-7	280	190	180	≤50mm	≤40mm
SD-8	280	280	130	≤50mm	≤40mm
SD-9	280	280	180	≤50mm	≤40mm
SD-10	380	190	130	≤50mm	≤40mm
SD-11	380	190	180	≤50mm	≤40mm
SD-12	380	280	130	≤50mm	≤40mm
SD-13	380	280	180	≤50mm	≤40mm

Default material: Grey color ABS or transparent PC ,
Other color can be ordered, MOQ:500 for other color.



SD-T



A008 DISTRIBUTION BOX SHQ SERIES IP40

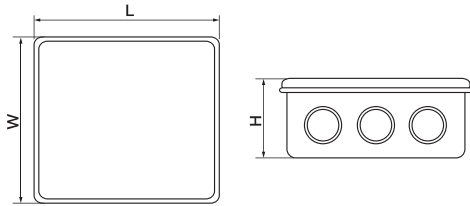


Waterproof junction box purpose: electrical, electronics, communication, fire fighting equipment, control panel, terminal box, large factory, coastal plant, environmental hazard facility, etc.

Materials can be selected according to the customer's requirements.

Model	Dimensions		
	L (mm)	W (mm)	H (mm)
SHQ-801	50		30
SHQ-802	50		50
SHQ-803	80		50
SHQ-804	80	80	50
SHQ-805	85	85	50
SHQ-806	100	100	70
SHQ-807	150	110	70
SHQ-808	150	150	70
SHQ-809	200	100	110
SHQ-8010	200	155	80
SHQ-8011	200	100	70
SHQ-8012	200	200	80
SHQ-8013	255	200	80
SHQ-8014	300	250	120
SHQ-8015	400	350	120

It is made of materials such as ABS and PC, etc, elegant external shape, high firmness. Combined body and cover are fixed with four plastic screws that are difficult to fall off. Its specification and size can be designed based on the customer requirements. Economic and affordable. Only have 1/4 weight of iron box, to facilitate handling and operation, no corrosion, easy insulation.



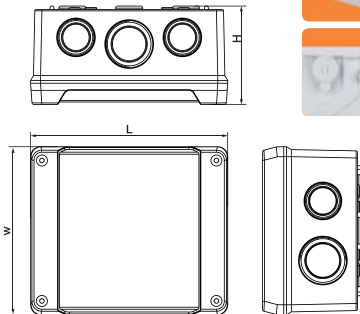
A009 DISTRIBUTION BOX JK SERIES IP65



JK Series Junction boxes are made in puncture resistance high-strength engineering plastics, which has features of waterproof, dampproof, dustproof and anti-corrosion. This superior engineering material meets the high requirements of industrial distributing system, such as all insulation, IP rating as high as IP65, anti-corrosion, high mechanical strength, well designed, easily installation, anti-heat, maintenance free, flame retardant, self-extinction, light weight and etc. The long-term economic benefit is higher than normal metal distribution boxes. So it's high quality with reasonable prices. The main products are as following:

1. JK Junction Box (used for sectional area 1.5mm²-240mm² of conductors, IP65/IP54);
2. Combined Type Distribution device (IP65, rating current up to 1000A);

Model	Dimensions L × W × H (mm)
9025 (including 4 ESM20 pipe coupling)	88 × 88 × 53
9125 (including 4 ESM20 pipe coupling)	88 × 88 × 53
9045 (including 4 ESM20 pipe coupling)	98 × 98 × 61
9065 (including 4 ESM20 pipe coupling)	119 × 139 × 70
9105 (including 4 ESM20 pipe coupling)	125 × 167 × 82
9255 (including 4 ESM20 pipe coupling)	160 × 200 × 98
9355 (including 4 ESM20 pipe coupling)	210 × 260 × 117
9505 (including 4 ESM20 pipe coupling)	310 × 210 × 117

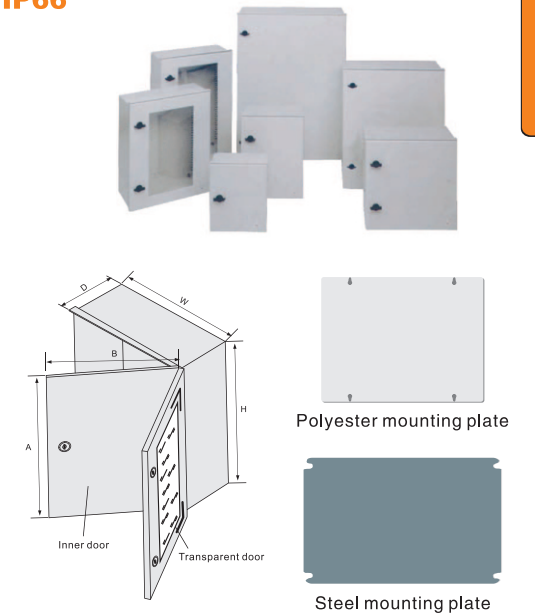


A010 SMC FIBERGLASS ENCLOSURE IP66

Material: Fiberglass (SMC), Color: RAL7035,
Protection degree: IP66 Working temperature: -40°C to +120°C,
Mechanical impact: Ik08
Mounting plate material: Polyester (P), Steel (S),
Aluminum (A) Inner door (ID)
Component: Lock: standard lock LMS-01 1pc, or Key lock LMS705 1pc.
Wall mount bracket: LSPX-01 4pcs.set
* Inner door and mounting plate can be choose if demand.

Model	Dimension		
	L(mm)	W(mm)	H(mm)
SMC253014+P/S/A+ID	250	300	140
SMC304020+P/S/A+ID	300	400	200
SMC404020+P/S/A+ID	400	400	200
SMC405020+P/S/A+ID	400	500	200
SMC406023+P/S/A+ID	400	600	230
SMC506023+P/S/A+ID	500	600	230
SMC608030+P/S/A+ID	600	800	300

Default material: Grey color ABS or transparent PC,
Other color can be ordered, MOQ:500 for other color.



A011 DISTRIBUTION BOX HAG SERIES IP30

Parameters

※ Technique parameter

Distribution box rated current:
1 way to 4 way: 50A
6 way to 18 way: 63A

※ Material

Insulation: Fire-proof type refractory material
Color: White color
Standard: accord with IEC 060439-3

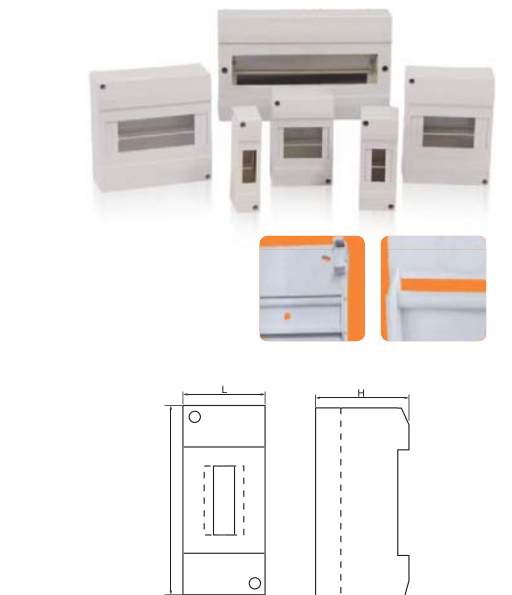
※ Protective Degree

IEC60529: IP30
Fire-resistant and anomaly heat ability
IEC60529-1 standard, 650°C/30sec

※ Composition, structure

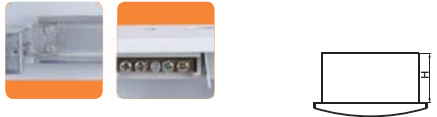
Removable matte blocks to increase the poles.
The removable various size holes are available on the box of up and down, bottom in case of connecting wires in and out.

Model	Dimensions		
	L (mm)	W (mm)	H (mm)
HAG -1P	34	130	60
HAG -2P	52	130	60
HAG -4P	87	130	60
HAG -6P	125	160	60
HAG -8P	160	160	60
HAG -12P	258	160	60
HAG -18P	365	160	60



HAG series of surface box is kind of good-looking outline small volume. easy to install economically modular distribution box. It mainly use for building electric distribution system's installation, matched and house rebuild fitment etc application The Max rated current is 63A.

A012 DISTRIBUTION BOX SN SERIES IP40



SN series of luxury lighting box is divided into two kinds, con-cealed mounted type and open mounted type. It is with plastic panel and iron bottom. Two terminals (ground connection and zero connection) in the box are easy for the user wiring and routing. This product is applicable to the modular terminal circuit with AC of 50HZ, rated voltages of 220V and 380V.

Flush mounted

Model	Dimensions		
	L (mm)	W (mm)	H (mm)
SN-2-4FA	137	161	82
SN-4-6FA	208	208	95
SN-7-9FA	261	208	95
SN-10-13FA	334	208	95
SN-14-16FA	390	208	95
SN-20-26FA	334	416	95
SN-28-32FA	390	416	95

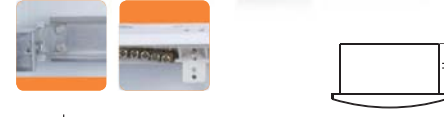
Surface mounted

Model	Dimensions		
	L (mm)	W (mm)	H (mm)
SN-2-4SA	137	161	82
SN-4-6SA	208	208	95
SN-7-9SA	261	208	95
SN-10-13SA	334	208	95
SN-14-16SA	390	208	95
SN-20-26SA	334	416	95
SN-28-32SA	390	416	95

Model Description

SN-□ S/F - A
A: the cover is transparent
F: means flush mounted
S: means surface mounted
Numbers of circuit 4,6,9,13,16,26,32
SN: series of distribution box

A013 DISTRIBUTION BOX SH SERIES IP40



SH series of luxury lighting box is divided into two kinds, Con-cealed mounted type and Open mounted type. It is with plastic panel and iron bottom. Two terminals (ground connection and zero connection) in the box are easy for the user wiring and routing. This product is applicable to the modular terminal circuit with AC of 50HZ, rated voltages of 220V and 380V.

Flush mounted

Model	Dimensions		
	L (mm)	W (mm)	H (mm)
SH-2-4FA	137	161	82
SH-4-6FA	208	208	95
SH-7-9FA	261	208	95
SH-10-13FA	334	208	95
SH-14-16FA	390	208	95
SH-20-26FA	334	416	95
SH-28-32FA	390	416	95

Surface mounted

Model	Dimensions		
	L (mm)	W (mm)	H (mm)
SH-2-4SA	137	161	82
SH-4-6SA	208	208	95
SH-7-9SA	261	208	95
SH-10-13SA	334	208	95
SH-14-16SA	390	208	95
SH-20-26SA	334	416	95
SH-28-32SA	390	416	95

Model Description

SH-□ S/F - A
A: the cover is transparent
F: means flush mounted
S: means surface mounted
Numbers of circuit 4,6,9,13,16,26,32
SH: series of distribution box

A014 DISTRIBUTION WATERPROOF BOX ABS SERIES

Material: ABS series waterproof box is made from thermoplastic plastic polycarbonate and ABS.

Body: ABS (gray)

Door: transparent PC
Performance: Waterproof, fire resistant, Anti-explosion, against acid.

Body: ABS (gray)

Door: transparent PC

ABS-AT

Model	LxWxH (mm)
ABS-AT302016	300x200x160
ABS-AT403016	400x300x160
ABS-AT504019	500x400x195
ABS-AT604019	600x400x195
ABS-AT605019	600x500x195

Body: ABS (Gray)

Door: transparent PC

Mid-door: ABS(gray)

ABS-ATM

Model	LxWxH (mm)
ABS-ATM302016	300x200x160
ABS-ATM403016	400x300x160
ABS-ATM504019	500x400x195
ABS-ATM604019	600x400x195
ABS-ATM605019	600x500x195

Body: ABS (gray)

Door: ABS (gray)

ABS-AG

Model	LxWxH (mm)
ABS-AG302016	300x200x160
ABS-AG403016	400x300x160
ABS-AG504019	500x400x195
ABS-AG604019	600x400x195
ABS-AG605019	600x500x195

Body & door: ABS (gray)

ABS-AG

Model	LxWxH (mm)
ABS-MG426222	420x620x220
ABS-MG425220	420x520x200
ABS-MG354617	350x460x170
ABS-MG304017	300x400x170
ABS-MG303014	300x300x140
ABS-MG253615	250x360x150
ABS-MG211690	210x160x90
ABS-MG203015	200x300x150
ABS-MG172510	170x250x100
ABS-MG152013	150x200x130
ABS-MG152010	150x200x100
ABS-MG151590	150x150x90
ABS-MG142010	140x200x100
ABS-MG141680	140x160x80
ABS-MG131365	130x130x65
ABS-MG121785	125x175x85
ABS-MG112090	110x200x90
ABS-MG101685	100x160x85

A015 DISTRIBUTION BOX HF SERIES IP66

It offers maximum 4 pole space to accommodate MCB, RCD or MCB/RCD combination. its cover assemblies suits all 66 series mounting back box.

Deep cover of A66CB4N provides ample wiring room above and below the din rail.

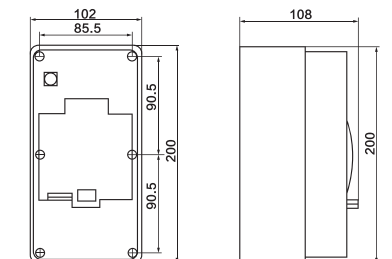
Approvals

CE

Technical Parameter

- ※ Ratea Voltage: 250/440V AC
- ※ Ratea Frequency: 50/60Hz
- ※ IP Protection: IP66

Cat No.	Description	Module Type	IP Rating
HF4-1N	available for 1 to 4 pole, with neon lamp	MCB+ RCD's	IP66
HF4-2N	available for 1 to 4 pole, with neon lamp	MCB+ RCD's	IP66
HF4-3N	available for 1 to 4 pole, with neon lamp	MCB+ RCD's	IP66
HF4-4N	available for 1 to 4 pole, with neon lamp	MCB+ RCD's	IP66

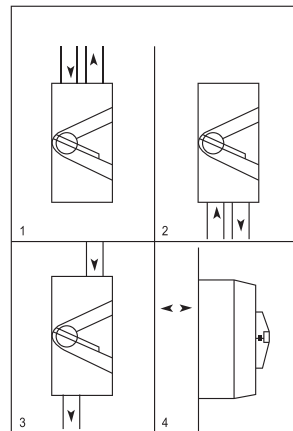
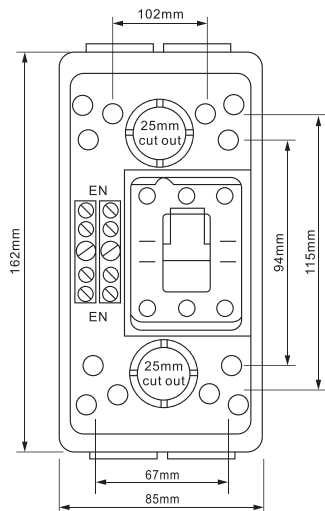


A016 DISTRIBUTION BOX ISOLATOR SWITCH UKF SERIES IP56



- ※ Cables looped in and out from overhead
- ※ In and out from underground
- ※ In and out straight through the switch
- ※ Two 25mm rear knockouts are moulded in the base for surface mounting with concealed wiring. Dual 25mm screwd conduit entries top and bottom (up to 55amp.) allows four ways to surface wire the switch.

Item	Description	IP rating
UKF1-20	20A 500V Single pole surface switch. Terminals accommodate 16mm ² cable. M Rating 220	56
UKF1-35	35A/63A 250V Single pole. Terminals accommodate mm ² cable. M rating 220	56
UKF1-63		
UKF2-20	20A 440V double. Terminals accommodate 16mm ² cables. M Rarting 180.	56
UKF2-35	35A 440V double. Terminals accommodate 16mm ² cables. M Rarting 180.	56
UKF2-63	63A 400V double. Terminals accommodate 16mm ² cables. M Rarting 180.	56
UKF3-20	20A 440V Tripe Pole. Terminals accommodate 16mm ² cables. M Rarting 180.	56
UKF3-35	35A 440V Tripe Pole. Terminals accommodate 16mm ² cables. M Rarting 180.	56
UKF3-63	55A 440V Tripe Pole. Terminals accommodate 16mm ² cables. M Rarting 180.	56
UKF4-20	20A 440V Tripe Pole. Terminals accommodate 16mm ² cables. M Rarting 180.	56
UKF4-35	35A 440V Tripe Pole. Terminals accommodate 16mm ² cables. M Rarting 180.	56
UKF4-63	55A 440V Tripe Pole. Terminals accommodate 16mm ² cables. M Rarting 180.	56
UKF3-55-32CE	55A 440V Tripe Pole. With 32mm conduit entry at each end Terminals accommodate 16mm ² cables. M Rarting 160.	56
UKF3-63-32CE	63A 440V Tripe Pole. With 32mm conduit entry at each end Terminals accommodate 16mm ² cables. M Rarting 160.	56



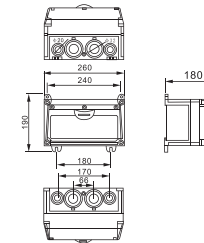
A017 COMBINED SOCKET DISTRIBUTION BOX

IEC 60529 EN60309
IP65 IP67

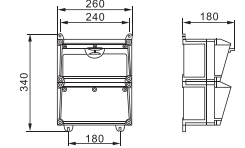
The Enclosure have three color for selection



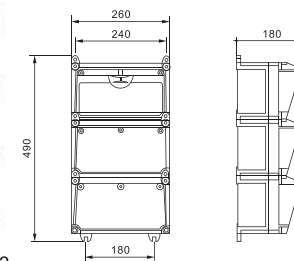
Type: A0181601



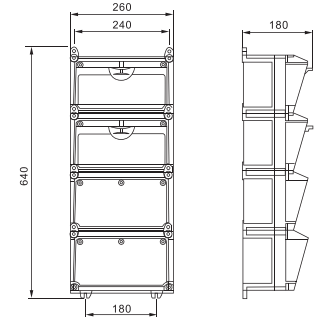
Type: A0181602



Type: A0181603



Type: A0181604



A018 PORTABLE SOCKET DISTRIBUTION BOX

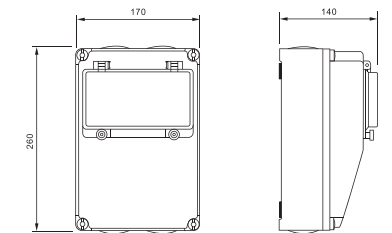
DIN VDE0623 IEC60309-2
IEC60529 IP44 IP65



Type: A0191801



Type: A0191802



A100 MINI CIRCUIT BREAKER 2- 63A

A



General

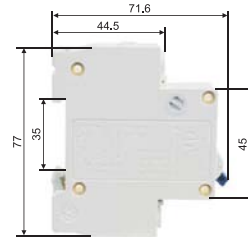
- ◆ Application: For protecting cables and equipm-ents against overload and Short circuit.
- ◆ General rules for choosing MCB.
- ◇ Technical data of the network at the point considered: The earthing systems, short-circuit current at the circuit breaker installation point, which must always be less than the breaking capacity of this device, network normal voltage.
- ◇ There are 3 curve characteristics for magnetic operation:
 - B curve (3-5 In) Protection and control of the circuits against length cables in TN and IT systems.
 - C curve (5-10 In) protection and control of the circuit against overloads and short-circuit; Protection for resistive and inductive loads with low inrush current.
 - D curve (10-20 In) protection and control of the circuits against overload and short-circuit; protection for circuits which supply loads with high inrush current at the circuit closing (LV/LV transformers, breakdown lamps).

Specifications

	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	1,2,4,6,10,16,20,25,32,40,50,63
	Poles	P	1,2,3,4
	Rated voltage Ue	V	AC 240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	3000, 4500(2~40A/6000)
	Rated impulse withstand voltage (1.2/50) Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	4000
	Mechanical life	t	10000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
Installation	Ambient temperature (with daily average ≤35°C)	°C	-5~+40(Special application please refer to temperature compensation correction)
	Storage temperature	°C	-25~+70
	Terminal connection type		Cable / Pin-type busbar
	Terminal size top / bottom for cable	mm ²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm ²	25
		AWG	18-3
	Tightening torque	N*m	2
		ln-lbs.	18
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

Dimension

FDM5-63
IEC60898



A100 MINI CIRCUIT BREAKER 2 - 63A

Application

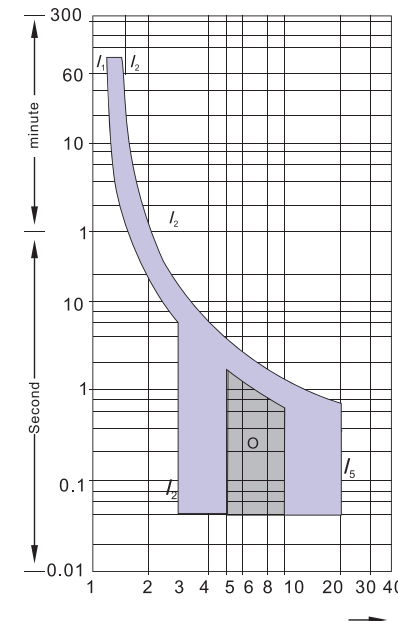
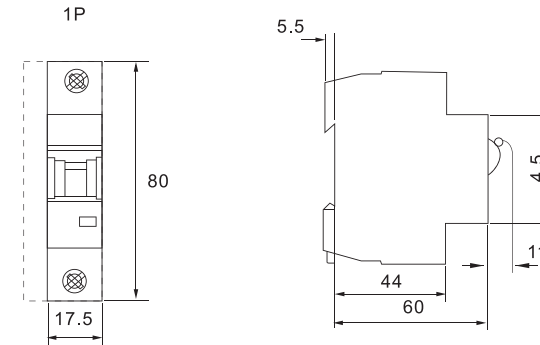
It can protect the electric line equipment from overload and short circuit.

Technical parameter

IEC60898-1

- ◆ Standard: IEC60898-1
- ◆ Rated voltage(Ue): 230/400V; 50/60HZ
- ◆ Rated breaking capacity:
 - ◇ 10000A IEC898(0.5-63A)
 - ◇ 15000A IEC947-2(0.5-63A)
- ◆ DC short circuit breaking capacity:
 - ◇ Max 48V(FDM7-10000A)single-pole
 - ◇ Max 250V(FDM7-DC, 6000A)single-pole
- ◆ Characteristic Curve: B, C, D
- ◆ Max connectable fuse: 100AgL(>10000A)
- ◆ Selectivity Class: Class III
- ◆ Working ambient temperature: -5~+40°C
- ◆ Enclosed protective class: IP40 (under mounting)
- ◆ Electrical Life: ≥8000 times make-break operation
- ◆ Mechanical Life: ≥ 20,000 times make-break operation
- ◆ Exposed face length: 45mm
- ◆ Casing height: 80mm
- ◆ Installation mode: DIN rail 35mm
- ◆ Terminal form: The double function terminal can connect with busbar and conductor.
- ◆ Connecting capacity of terminal:
 - ◇ conductor 1-25mm² (excepted 1P+N)
 - ◇ 1-25mm²/1-2 10mm²(N)(1P+N)
- ◆ Busbar thickness: 0.8-2mm
- ◆ Rated current In: 2,4,6,10,16,20,25,32,40,50,63
- ◆ Poles: 1,2,3,3+N,4

Breaking Capacity: H: 10000A; N: 6000A; L: 4500A



T=Thermal Trip
M=Magnetic Trip

	B	C	D
$I_1(T \geq 1h)$	$1.13 \times I_n$	$1.13 \times I_n$	$1.13 \times I_n$
$I_2(t < 1h)$	$1.45 \times I_n$	$1.45 \times I_n$	$1.45 \times I_n$
$I_3(t \geq 0.1s)$	$3 \times I_n$	$5 \times I_n$	$10 \times I_n$
$I_4(t < 0.1s)$	$5 \times I_n$	$10 \times I_n$	$20 \times I_n$

10000A



A

A103 MINI CIRCUIT BREAKER 63-125A

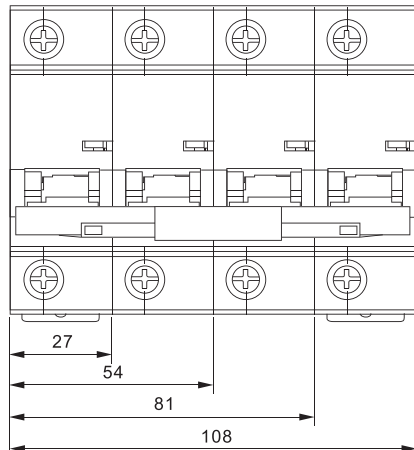
A

10000A



Construction and Feature

- ◆ High short-short capacity 10000A
- ◆ Designed to protect circuit carrying big current up to 125A
- ◆ Contact position indication
- ◆ Used as main switch in household and similar installation



Technical Data

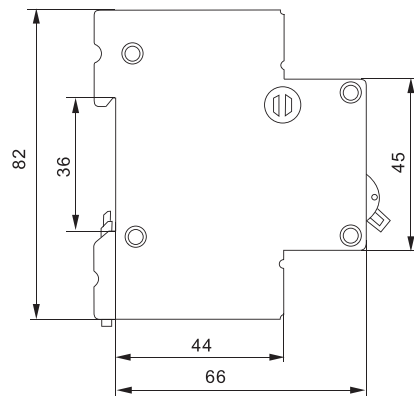
IEC60898

- ◆ Pole NO: 1, 2, 3, 4
- ◆ Rated voltage: AC 240/415V
- ◆ Rated current(A1): 63, 80, 100, 125
- ◆ Tripping curve: C, D
- ◆ Rated short-circuit capacity(I_{cn}): 10000A
- ◆ Rated service short-circuit capacity(I_{cs}): 7500A
- ◆ Rated frequency: 50/60Hz
- ◆ Rated impulse withstand voltage: 6.2kV
- ◆ Electro-mechanical endurance: 10000
- ◆ Connection terminal: Pillar terminal with clamp
- ◆ Connection capacity:
 - ◇ Flexible conductor 35mm²
 - ◇ Rigid conductor 50mm²
- ◆ Installation:
 - ◇ On symmetrical DIN rail 35mm
 - ◇ Panel mounting

FDM16-125H

Breaking Capacity: H: 10000A; N: 6000A; L: 4500A

Curve	Rated Current	Order Code			
		1P	2P	3P	4P
C	63	M16-1C2-63H	M16-2C2-63H	M16-3C2-63H	M16-4C2-63H
	80	M16-1C2-80H	M16-2C2-80H	M16-3C2-80H	M16-4C2-80H
	100	M16-1C2-100H	M16-2C2-100H	M16-3C2-100H	M16-4C2-100H
	125	M16-1C2-125H	M16-2C2-125H	M16-3C2-125H	M16-4C2-125H
D	63	M16-1D2-63H	M16-2D2-63H	M16-3D2-63H	M16-4D2-63H
	80	M16-1D2-80H	M16-2D2-80H	M16-3D2-80H	M16-4D2-80H
	100	M16-1D2-100H	M16-2D2-100H	M16-3D2-100H	M16-4D2-100H
	125	M16-1D2-125H	M16-2D2-125H	M16-3D2-125H	M16-4D2-125H



A120 RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERLOAD PROTECTION RCBO

Breaking Capacity: H: 10000A; N: 6000A; L: 4500A

FDL16-32H

10000A

Curve	Rated Current	Residual Current	AC type / Order Code
			1P+N (1 module)
B	6A	30mA	L16-DPNB-0630
		100mA	L16-DPNB-06100
	10A	30mA	L16-DPNB-1030
		100mA	L16-DPNB-10100
	16A	30mA	L16-DPNB-1630
		100mA	L16-DPNB-16100
	20A	30mA	L16-DPNB-2030
		100mA	L16-DPNB-20100
C	25A	30mA	L16-DPNB-2530
		100mA	L16-DPNB-25100
	32A	30mA	L16-DPNB-3230
		100mA	L16-DPNB-32100
	6A	30mA	L16-DPNC-0630
		100mA	L16-DPNC-06100
	10A	30mA	L16-DPNC-1030
		100mA	L16-DPNC-10100
	16A	30mA	L16-DPNC-1630
		100mA	L16-DPNC-16100
	20A	30mA	L16-DPNC-2030
		100mA	L16-DPNC-20100
	25A	30mA	L16-DPNC-2530
		100mA	L16-DPNC-25100
	32A	30mA	L16-DPNC-3230
		100mA	L16-DPNC-32100



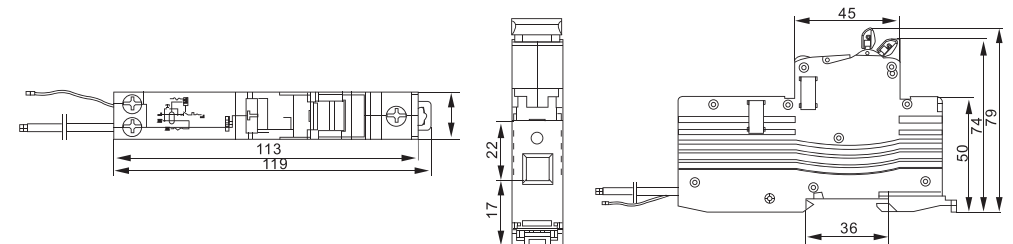
Construction and Feature

- ◆ Provides protection against earth fault/leakage current and function of isolation
- ◆ Provides protection against over-voltage
- ◆ Applicable to terminal and pin/fork type busbar connection
- ◆ Contact position indication
- ◆ Fire resistant plastic parts endures abnormal heating and strong impact
- ◆ Automatically disconnect the circuit when earth fault/leakage current occurs and exceeds the rated sensitivity.
- ◆ Independent of power supply and line voltage and free from external interference, voltage fluctuation.

Technical Data

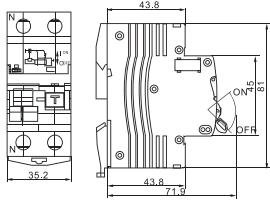
- ◆ Mode: electronic type
- ◆ Residual current characteristics: AC
- ◆ Pole No.: 1P+N
- ◆ Tripping curve: B.C
- ◆ Rated making and breaking capacity: 10000A
- ◆ Rated current: 6, 10, 16, 20, 25, 32
- ◆ Rated residual operating current I_{Δn}(mA): 30
- ◆ Rated residual operating current I_{Δn}(mA): 30, 100
- ◆ Tripping duration: instantaneous tripping ≤ 0.1S
- ◆ Electro-mechanical endurance: 4000 cycles
- ◆ Connection capacity: Rigid conductor 25mm²
- ◆ Circumstance temperature: -5°C ~ +40°C, average temperature not exceeding 35°C
- ◆ Altitude above sea level less than 2000 m
- ◆ Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- ◆ Connection terminal:
 - ◇ Pillar terminal with clamp
- ◆ Fastening torque: 2.5Nm
- ◆ Installation:
 - ◇ On symmetrical DIN rail 35mm
 - ◇ Panel mounting

Overall & installation dimensions



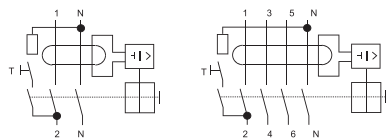
A120 RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERLOAD PROTECTION RCBO**FDL16-40N**

◆ Provides protection against over-voltage

Breaking Capacity: H: 10000A; N:6000A; L:4500A

- ◆ Mode: electronic type
- ◆ Residual current characteristics: AC
- ◆ Pole No.: 1P+N
- ◆ Tripping curve: B,C
- ◆ Rated making and breaking capacity: 6000A
- ◆ Rated voltage & frequency: 230V AC: 50/60Hz
- ◆ Rated current: 6,10,16,20,25,32,40
- ◆ Rated residual operating current $I_{\Delta n}$ (mA): 30
- ◆ Tripping duration: instantaneous tripping $\leq 0.1s$
- ◆ Electro-mechanical endurance: 4000 cycles
- ◆ Connection capacity: Rigid conductor 25mm²
- ◆ Circumstance temperature: 5°C ~ +40°C, average temperature not exceeding 35°C
- ◆ Altitude above sea level less than 2000 m
- ◆ Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- ◆ Connection terminal: Pillar terminal with clamp
- ◆ Fastening torque: 2.5Nm
- ◆ Installation:
 - ◇ On symmetrical DIN rail 35mm
 - ◇ Panel mounting

Curve	Rated Current	Residual Current	AC type / Order Code	
			1P+N (2module)	
B	6A	30mA	L16-PNB-0630	
	10A	30mA	L16-PNB-1030	
	16A	30mA	L16-PNB-1630	
	20A	30mA	L16-PNB-2030	
	25A	30mA	L16-PNB-2530	
	32A	30mA	L16-PNB-3230	
C	40A	30mA	L16-PNB-4030	
	6A	30mA	L16-PNC-0630	
	10A	30mA	L16-PNC-1030	
	16A	30mA	L16-PNC-1630	
	20A	30mA	L16-PNC-2030	
	25A	30mA	L16-PNC-2530	
	32A	30mA	L16-PNC-3230	
	20A	30mA	L16-PNC-4030	

A121 RESIDUAL CURRENT CIRCUIT BREAKER**10000A****FDL16****Wiring Diagram**

- ◆ Mode: electro-magnetic type
- ◆ Residual current characteristics: AC
- ◆ Pole No.: 2,4
- ◆ Rated making and breaking capacity: 10000A
- ◆ Rated voltage: 230/400V AC
- ◆ Rated frequency: 50/60Hz
- ◆ Rated Current: 25,40,63A
- ◆ Rated residual operating current $I_{\Delta n}$ (mA): 10,30,100,300,500
- ◆ Rated residual non operating current $I_{\Delta no}$: 0.51 $I_{\Delta n}$
- ◆ Rated conditional short-circuit current I_{nc} : 3000A

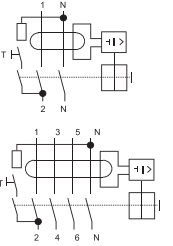
- ◆ High current rating up to 100A.
- ◆ Rated conditional residual short-circuit current $I_{\Delta c}$: 3000A
- ◆ Tripping duration: instantaneous tripping $\leq 0.1s$
- ◆ Residual tripping current range: 0.51 $I_{\Delta n} \sim I_{\Delta n}$
- ◆ Electro-mechanical endurance: 4000 cycles
- ◆ Connection capacity: Rigid conductor 25mm²
- ◆ Connection terminal: Pillar terminal with clamp
- ◆ Fastening torque: 2.5Nm
- ◆ Installation:
 - ◇ On symmetrical DIN rail 35mm
 - ◇ Panel mounting

A121 RESIDUAL CURRENT CIRCUIT BREAKER FDL16**Breaking Capacity: H: 10000A; N:6000A; L:4500A**

Rated Current	Residual Current	AC type / Order Code	
		2P	4P
63A	10mA	L16-2CH-6310	L16-4CH-6310
	30mA	L16-2CH-6330	L16-4CH-6330
	100mA	L16-2CH-63100	L16-4CH-63100
	300mA	L16-2CH-63300	L16-4CH-63300
80A	10mA	L16-2CH-8010	L16-4CH-8010
	30mA	L16-2CH-8030	L16-4CH-8030
	100mA	L16-2CH-80100	L16-4CH-80100
	300mA	L16-2CH-80300	L16-4CH-80300
100A	10mA	L16-2CH-10010	L16-4CH-10010
	30mA	L16-2CH-10030	L16-4CH-10030
	100mA	L16-2CH-100100	L16-4CH-100100
	300mA	L16-2CH-100300	L16-4CH-100300

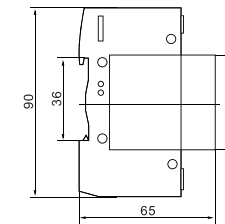
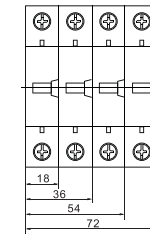
Technical Data

- ◆ Mode: electro-magnetic type
- ◆ Residual current characteristics: AC
- ◆ Pole No.: 2,4
- ◆ Rated making and breaking capacity: 10000A
- ◆ Rated voltage: 230/400V AC
- ◆ Rated frequency: 50/60Hz
- ◆ Rated Current: 63,80,100A
- ◆ Rated residual operating current $I_{\Delta n}$ (mA): 10,30,100,300,500
- ◆ Rated residual non operating current $I_{\Delta no}$: 0.51 $I_{\Delta n}$
- ◆ Rated conditional short-circuit current I_{nc} : 3000A
- ◆ Rated conditional residual short-circuit current $I_{\Delta c}$: 3000A
- ◆ Tripping duration: instantaneous tripping $\leq 0.1s$
- ◆ Residual tripping current range: 0.51 $I_{\Delta n} \sim I_{\Delta n}$
- ◆ Electro-mechanical endurance: 4000 cycles
- ◆ Connection capacity: Rigid conductor 25mm²
- ◆ Connection terminal:
 - ◇ Pillar terminal with clamp
- ◆ Fastening torque: 2.5Nm
- ◆ Installation:
 - ◇ On symmetrical DIN rail 35mm
 - ◇ Panel mounting

**A123 SURGE PROTECTION**

FDS16 Surge protective Devices(referred as SPD) provide protection against surge current resulted from direct or indirect lightning strike or similar surge voltage. SPD is applicable to circuit with rated voltage up to 400V~, rated frequency 50/60Hz.

The product, using metal oxide varistor, designed to protect both phase and neutral line, is of high electricity resistance under normal operations. In case of surge current or voltage caused by lightning strike or similar, SPD functions quickly to conduct the surge voltage/current to earth and thus effectively prevent the downstream equipments of its protected line from destruction. SPD resume its high electricity resistance to secure normal operation of the protected power network without presence of the surge voltage.



FDS16-B



FDS16-E



FDS16-X1



FDS16-Z4

Category	FDS16-A	FDS16-B	FDS16-C	FDS16-D	FDS16-E
Rated voltage Un:	220	220	220	380	380
Max. continuous operating voltage Uoc(V)	320	320	320	420	460
Voltage protection level Up(Kv)	1	1.2	1.5	2.0	2.3
Nominal discharge current In(kA)	5	10	20	30	40
Rated varistor voltage(V)	510±10%	510±10%	510±10%	680±10%	680±10%
Max. discharge current Imax (kA)(8/20uS)	10	20	40	60	70
Response time (ms)	<25				
Power withstand (J) (2ms)	300	390	640	1500	1580
Ambient temperature	-40~+80				
Function unit colour	deep yellow	light yellow	light grey	brown	red
Min. terminal connection (mm ²):	phase, neutral 2.5, earth 4				

Technical Data

IEC61643-1

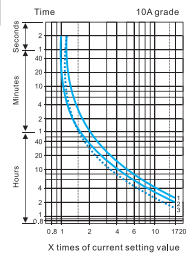
- ◆ Pole NO.: 1,2,3,4
- ◆ Frequency: 50/60Hz
- ◆ Connection terminal:
 - ◇ Pillar terminal with clamp
- ◆ On-Off indicating window:
 - ◇ Green: normal function
 - ◇ Red: functionless, immediate replacement required
- ◆ Connection capacity: rigid conductor 25mm²

Construction and Feature

- ◆ Plug-in type function unit makes easy replacement.
- ◆ On-off indicating window.
- ◆ Quick response less than 25ms.

A130 THERMAL RELAY

Tripping curve



1. Equilibrium running, 3 phase, start from cold state
2. Equilibrium running, 2 phase, start from cold state
3. Equilibrium running, 3 phase, after long period of setting current (hot state)



Application

FDR2

FDR2 Series overload relays apply to circuit of AC 50Hz or 60Hz, rated voltage to below 660V and rated current 0.1A~93A for AC motor overload and open-phase protection during long time or intermittent long time service, which can also protect 3-phase serious imbalance and long starting time of motor or long time operation, can also be used for corresponding AC contactor for electromagnetic starter.

This Product has innovative, elegant model and small installation area, functions such as temperature compensation, action indication, automatic and manual reset, stop with steady and reliable performance.

Thermal relay can be combined/connected with contactor or installed separately.

Standard: IEC 60947-4-1.

FDR2

Model	Setting Range(A)	For Contactor	Case Qty.(Pcs)
FDR2-25-D1301	0.10-0.16	FDC1-D09	100
FDR2-25-D1302	0.16-0.25	FDC1-D09	100
FDR2-25-D1303	0.25-0.40	FDC1-D09	100
FDR2-25-D1304	0.40-0.63	FDC1-D09	100
FDR2-25-D1305	0.63-1	FDC1-D09	100
FDR2-25-D1306	1-1.6	FDC1-D09	100
FDR2-25-D1307	1.6-2.5	FDC1-D09	100
FDR2-25-D1308	2.5-4	FDC1-D09	100
FDR2-25-D1310	4-6	FDC1-D09	100
FDR2-25-D1312	5.5-8	FDC1-D09	100
FDR2-25-D1314	7-10	FDC1-D12	100
FDR2-25-D1316	9-13	FDC1-D12	100
FDR2-25-D1321	12-18	FDC1-D18	100
FDR2-25-D1322	17-25	FDC1-D25	100
FDR2-36-D2353	23-32	FDC1-D32	75
FDR2-36-D2355	30-40	FDC1-D32	75
FDR2-93-D3322	17-25	FDC1-D40	50
FDR2-93-D3353	23-32	FDC1-D40	50
FDR2-93-D3355	30-40	FDC1-D40	50
FDR2-93-D3357	37-50	FDC1-D50	50
FDR2-93-D3359	48-65	FDC1-D65	50
FDR2-93-D3361	55-70	FDC1-D80	50
FDR2-93-D3363	63-80	FDC1-D80	50
FDR2-93-D3365	80-93	FDC1-D95	50

Matched relay	code
FDR2-25	LA7-D1064
FDR2-36	LA7-D2064
FDR2-93	LA7-D3064

Technical Data

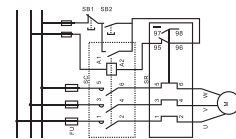
Type	FDR2-D13	FDR2-D23	FDR2-D33
Standard	IEC60947-4-1	IEC60947-4-1	IEC60947-4-1
Rated working current Ie	A 25	36	93
Rated insulating voltage Ui	V 660	660	660
Phase failure protection function	yes	yes	yes
Automatic & manual reset	yes	yes	yes
Temperature compensation	yes	yes	yes
Releasing indicator	yes	yes	yes
Test & stop pushbutton	yes	yes	yes
Auxiliary contacts			
Rated current	AC-15 230V 2.73	2.73	2.73
	AC-15 380V 1.58	1.58	1.58
	DC-13 230V 0.2	0.2	0.2
Ambient air temperature	℃ -5 ~ +40	-5 ~ +40	-5 ~ +40
Altitude	max. meter 2000	2000	2000
Pollution grade	3	3	3
Installation category	3	3	3
Mounting type	Independent yes	yes	yes
	Plug-in yes	yes	yes

Action Characteristics

Overload Protection				
Item No.	Setting current multiple	Action time	Start condition	Ambient air temperature
1	1.05	≥ 2h	Cold state start	
2	1.2	<2h	After test item 1	20℃ ±5℃
3	1.5	<2min	After test item 1	
4	7.2	2s<Tps 10s	Cold state start	

Phase failure protection

Item No.	Setting current multiple	Action time	Start condition	Ambient air temperature
	Any two phase	The third phase		
5	1.0	0.9	≥ 2h	Cold state start
6	1.15	0	<2h	After test item 5

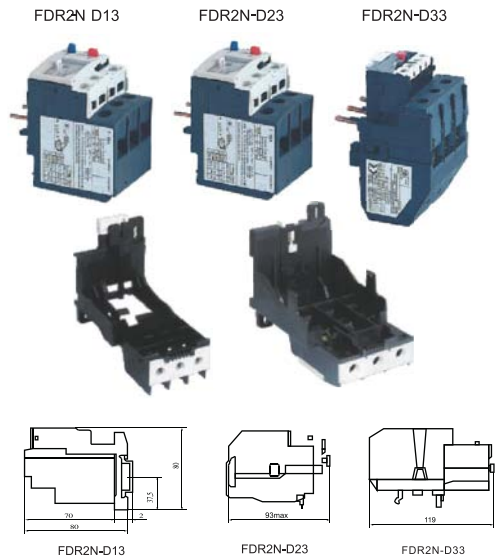


FU-fuse
SC-AC contactor
SR-thermal relay
SB1-stop button SB2-start button

A130 THERMAL RELAY

FDR2N

Model	Setting Range(A)	For Contactor	Case Qty.(Pcs)
FDR2N-D1301	0.10-0.16	FDC1N-D09	100
FDR2N-D1302	0.16-0.25	FDC1N-D09	100
FDR2N-D1303	0.25-0.40	FDC1N-D09	100
FDR2N-D1304	0.40-0.63	FDC1N-D09	100
FDR2N-D1305	0.63-1.0	FDC1N-D09	100
FDR2N-D1306	1.0-1.7	FDC1N-D09	100
FDR2N-D1307	1.6-2.5	FDC1N-D09	100
FDR2N-D1308	2.5-4.0	FDC1N-D09	100
FDR2N-D1310	4.0-6.0	FDC1N-D09	100
FDR2N-D1312	5.5-8.0	FDC1N-D09	100
FDR2N-D1314	7.0-10.0	FDC1N-D12	100
FDR2N-D1316	9.0-13.0	FDC1N-D12	100
FDR2N-D1321	12.0-18.0	FDC1N-D18	100
FDR2N-D1322	16.0-24.0	FDC1N-D25	100
FDR2N-D1353	30.0-38.0	FDC1N-D32	100
FDR2N-D2353	23.0-32.0	FDC1N-D32	75
FDR2N-D2355	30.0-40.0	FDC1N-D40	75
FDR2N-D3322	17.0-25.0	FDC1N-D25	50
FDR2N-D3353	23.0-32.0	FDC1N-D32	50
FDR2N-D3355	30.0-40.0	FDC1N-D40	50
FDR2N-D3357	37.0-50.0	FDC1N-D50	50
FDR2N-D3359	48.0-65.0	FDC1N-D65	50
FDR2N-D3361	55.0-70.0	FDC1N-D80	50
FDR2N-D3363	63.0-80.0	FDC1N-D80	50
FDR2N-D3365	80.0-93.0	FDC1N-D95	50



FDR3-F

FDR1-F thermal overload relays are designed for use with contactors from FDC1-F115 to FDC1-F330. In addition to the protection provided by modular thermal overload relays FDR2, they offer the following special features:

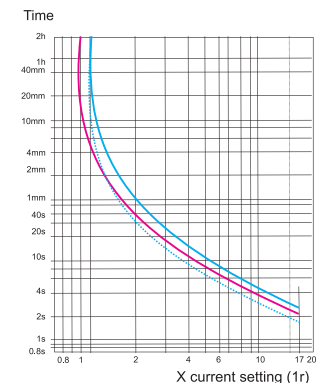
Choice of starting class.



Specifications

Type	Number	Setting range(A)	For contactor	aM Type	gG Type	Code
FDR1-F53	F5357	30~50	FDC1-F115~F185	50	80	FDR1-F5350
	F5363	48~80	FDC1-F115~F185	80	125	FDR1-F5380
	F5367	60~100	FDC1-F115~F185	100	200	FDR1-F53100
	F5369	90~150	FDC1-F115~F185	160	250	FDR1-F53150
FDR1-F73	F5371	132~220	FDC1-F225~F265	250	315	FDR1-F53220
	F7357	200~330	FDC1-F225~F500	400	500	FDR1-F53330
	F7379	300~500	FDC1-F225~F500	500	800	FDR1-F53500
	F7381	380~630	FDC1-F400~F630	630	800	FDR1-F53630

Performance Curve



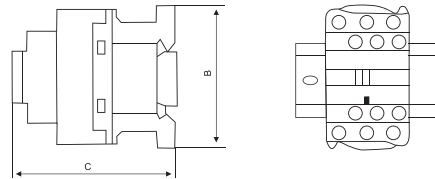
A150 AC CONTACTOR

FDC1N-D

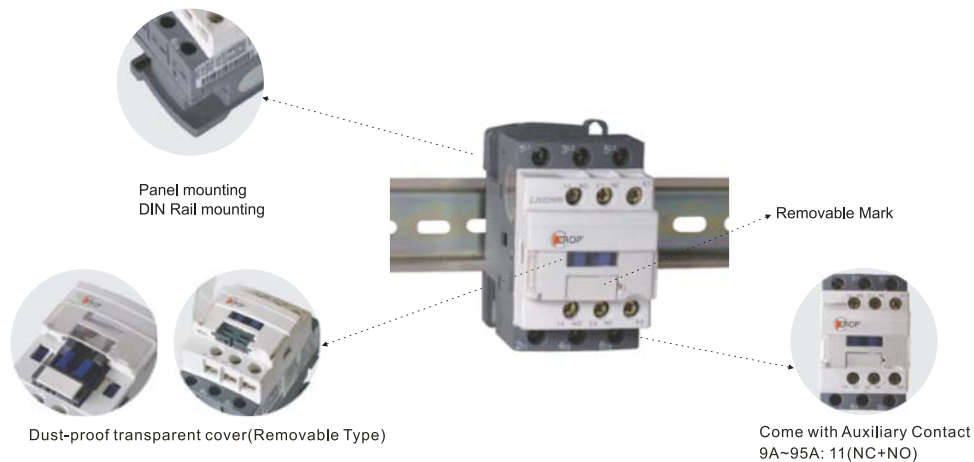
Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity (KW)	Case Qty.(Pcs)	Item Code
FDC1N-D09-18	FDC1N-D09	09	25	4	50	320090
	FDC1N-D12	12	25	5.5	50	320120
	FDC1N-D18	18	32	7.5	50	320180
	FDC1N-D25	25	40	11	50	320250
	FDC1N-D32	32	50	15	50	320320
FDC1N-D25-38	FDC1N-D38	38	50	18.5	50	320380
	FDC1N-D40	40	60	18.5	10	320400
	FDC1N-D50	50	80	22	10	320500
	FDC1N-D65	65	80	30	10	320650
	FDC1N-D80	80	125	37	10	320800
FDC1N-D40-65	FDC1N-D95	95	125	45	10	320950

Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

DIMENSION



	Dimensions(mm)										
	FDC1N-D09	FDC1N-D12	FDC1N-D18	FDC1N-D25	FDC1N-D32	FDC1N-D38	FDC1N-D40	FDC1N-D50	FDC1N-D65	FDC1N-D80	FDC1N-D95
B	76.6	76.6	76.6	76.6	76.6	76.6	127	127	127	127	127
C	87	87	87	94	94	94	116	116	116	123.8	123.8



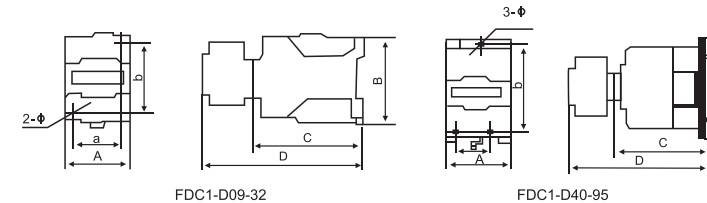
A150 AC CONTACTOR

FDC1-D

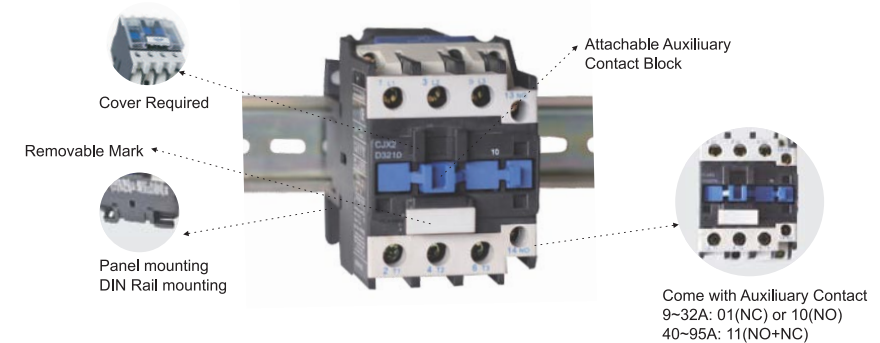
Model	Rated Current (A)	Thermal Current (A)	Control Capacity(KW)	Case Qty.(Pcs)
FDC1-D09	09	20	4	50
FDC1-D12	12	20	5.5	50
FDC1-D18	18	32	7.5	50
FDC1-D25	25	40	11	50
FDC1-D32	32	50	15	50
FDC1-D40	40	60	18.5	20
FDC1-D50	50	80	22	20
FDC1-D65	65	80	30	20
FDC1-D80	80	125	37	10
FDC1-D95	95	125	45	10

Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

DIMENSION

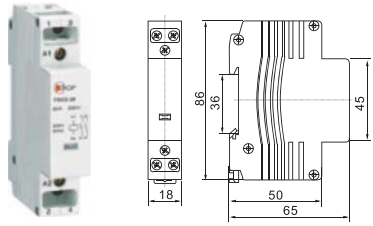


Model	Dimension(mm)						
	A	B	C	D	a	b	Φ
FDC1-D09/12	47	76	82	113	34/35	50/60	4.5
FDC1-D18	47	76	87	118	34/35	50/60	4.5
FDC1-D25	57	86	95	126	40	48	4.5
FDC1-D32	57	86	100	131	40	48	4.5
FDC1-D40/65	77	129	116	145	40	100/110	6.5
FDC1-D80/95	87	129	127	175	40	100/110	6.5

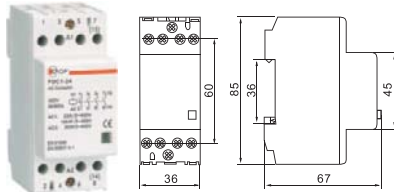


A155 MODULAR CONTACTOR

A



FDC16 1P



FDC16 4P

Technical Data

- Rated current: 10,16,20,25A
- Rated voltage:
 - 24V/230V 2pole
 - 24V/230V 4pole
- Rated frequency: 50/60Hz
- Remote control circuit(coil)
- Rated voltage: 230V: -15~+6%
- Detailed specifications:
 - Rated frequency: 50/60Hz
 - Mechanical endurance: 100.000 cycles
 - Electrical endurance: 30.000 cycles
 - Ambient temperature: -5℃~+60℃
 - Connection terminal: pillar terminal with clamp
- Installation
 - On symmetrical din rail
 - Panel mounting

Application

FDC16 modular contactor is applicable to alternative circuit with rated voltage up to 400V, rated current up to 24A and rated frequency 50/60Hz. The product is used for remote switching and controlling of power circuit.

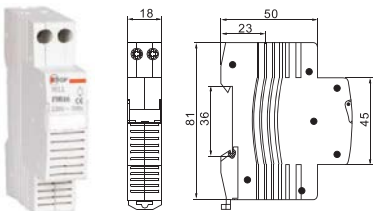
Construction and Feature

- Compact and modular design
- Electro-magnetic mechanism free of noise
- Contact position indication
- Big contact capacity and long endurance

Modular Contactor FDC16

es	Rated Current	Contact	Order Code
2P	10A	1NO+1NC	FDC16-2-1011
	10A	2NO	FDC16-2-1020
	16A	1NO+1NC	FDC16-2-1611
	16A	2NO	FDC16-2-1620
	20A	1NO+1NC	FDC16-2-2011
	20A	2NO	FDC16-2-2020
4P	25A	1NO+1NC	FDC16-2-2511
	25A	2NO	FDC16-2-2520
	10A	2NO+2NC	FDC16-4-1022
	10A	3NO+1NC	FDC16-4-1031
	10A	4NO	FDC16-4-1040
	10A	4NC	FDC16-4-1004
	16A	2NO+2NC	FDC16-4-1622
	16A	3NO+1NC	FDC16-4-1631
	16A	4NO	FDC16-4-1640
	16A	4NC	FDC16-4-1604
	20A	2NO+2NC	FDC16-4-2022
	20A	3NO+1NC	FDC16-4-2031
	20A	4NO	FDC16-4-2040
	20A	4NC	FDC16-4-2004
	25A	2NO+2NC	FDC16-4-2522
	25A	3NO+1NC	FDC16-4-2531
	25A	4NO	FDC16-4-2540
	25A	4NC	FDC16-4-2504

A160 MODULER BELL FDB16



FDB16

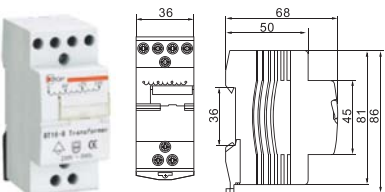
Construction and Feature

- Elegant appearance, compact size and easy installation.
- Low consumption.
- Product with rated current up to 24V AC to be powered by bell transformer JVB16.
- The electric bell is suitable for audible signaling for intermittent use only in domestic and commercial installations.

Main technical data

- Rated voltage: 8,12,24,230V AC
- Rated frequency: 50/60Hz
- Service mode: intermittent
- Connection terminal: pillar terminal with clamp
- Connection capacity: rigid conductor 10mm²
- Installation:
 - On symmetrical DIN rail
 - Panel mounting

A161 MODULAR TRANSFORMER



BT16-8

Construction and Feature

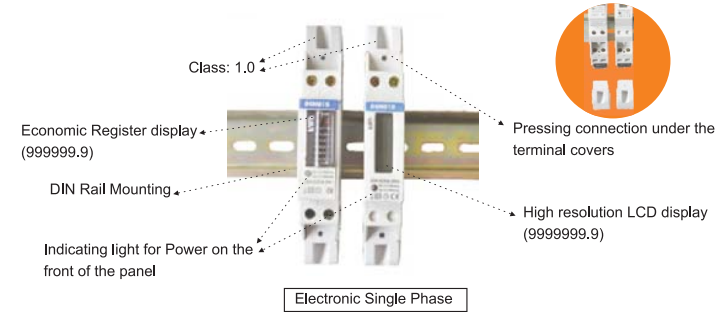
- Safe electrical separation between primary and secondary circuit
- Provides extra low voltage up to 24V
- Low temperature rising
- High output accuracy
- Extra overload capacity up to 25% within 24 hours
- Applicable to circuit with rated voltage 230V~ and rated frequency 50/60Hz, used to power electric bell of extra low voltage.

Technical Data

- Rated input voltage: 230V AC
- Rated output voltage: 8, 12, 24V
- Rated frequency: 50/60Hz
- Rated power output: 8VA
- Consumption: 1.15W
- Service period: continuous operating
- Pollution class: 2
- Connection terminals: pillar terminal with clamp
- Connection capacity: rigid conductor 10mm²
- Installation:
 - On symmetrical DIN rail
 - Panel mounting

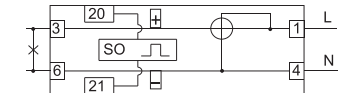
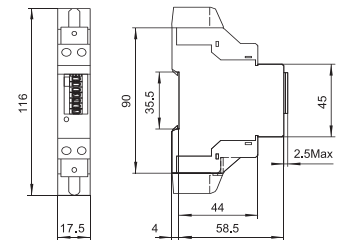
A165 ENERGY METER

FDPM015



FDPM015SS FDPM015SA FDPM015SD

Dimension



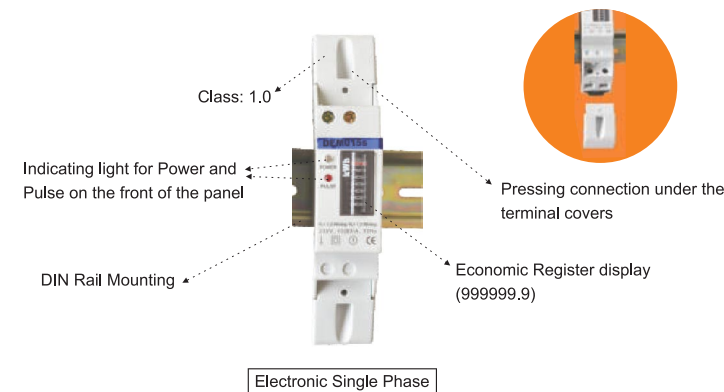
Technical data

Model	Rated Voltage(V)	Basic Current(A)	Max. Current(A)	Display Range	Case Qty.(Pcs)
DPM015SS	127 230	5	30	99999.9 Register	100
DPM015SA	127 230	5	30	99999.9 Register	100
DPM015SD	127 230	5	30	999999.9 LCD	100

Note: Please mention the voltage and current when ordering, Special specifications upon request.

Wiring diagram

Terminal	Note
1	Inlet phase line
4	Inlet neutral line
3	Outgoing phase line
6	Outgoing neutral line (Inlet from top, outlet from bottom)
20 and 21	Port of pulse output passive



Technical data

Model	Rated Voltage(V)	Basic Current(A)	Max. Current(A)	Display Range	Case Qty.(Pcs)	Item Code
FDPM015SM	127 230	10	65	99999.9 Register	100	46301593

Note: Please mention the voltage and current when ordering, Special specifications upon request.

A165 ENERGY METER

A



FDPM011AG

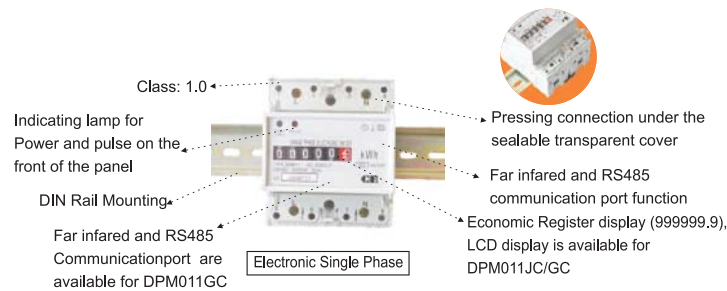


FDPM011JC



FDPM011GC

Feature

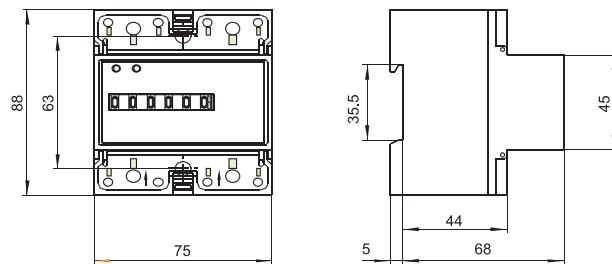


Technical data

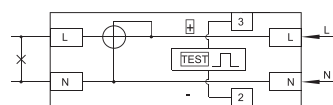
Model	Rated Voltage(V)	Basic Current(A)	Max. Current(A)	Display Range	Case Qty.(Pcs)
FDPM011AG	127 230	5	30	999999.9 Register	64
		10	50		
		20	100		
FDPM011JC	127 230	5	30	999999.9 LCD	64
		10	50		
		20	100		
FDPM011GC	127 230	5	30	999999.9 LCD	64
		10	50		
		20	100		

Note: Please mention the voltage and current when ordering, Special specifications upon request.

Dimension



Wiring diagram

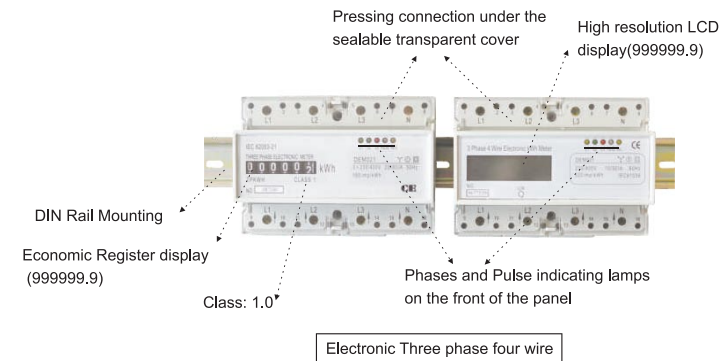


Terminal	Note
1	Inlet phase line
4	Inlet neutral line
3	Outgoing phase line
6	Outgoing neutral line (Inlet from top, outlet from bottom)
20 and 21	Port of pulse output passive

A165 ENERGY METER

A

Feature

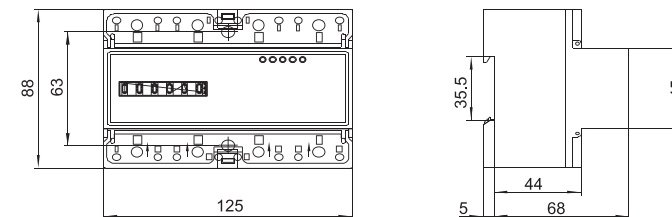


Technical data

Model	Rated Voltage(V)	Basic Current(A)	Max. Current(A)	Display Range	Case Qty.(Pcs)	Item Code
FDPM021DF	127/220 230/400	5	30	999999.9 Register	20	46302141
		10	60			
		20	100			
FDPM021MC	127/220 230/400	5	30	999999.9 LCD	20	46302133
		10	60			
		20	100			
FDPM021GC	127/220 230/400	5	30	999999.9 LCD	20	46302173
		10	60			
		20	100			

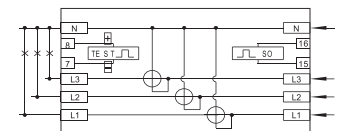
Note: Please mention the voltage and current when ordering, Special specifications upon request.

Dimension



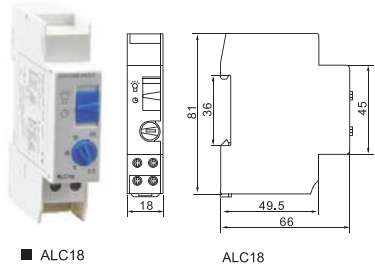
Wiring diagram

Terminal	Note
L1	L1 Phase line
L2	L2 Phase line
L3	L3 Phase line
N	Neutral line
7 and 8	Port of pulse output passive closed
15 and 16	Port of pulse output passive closed

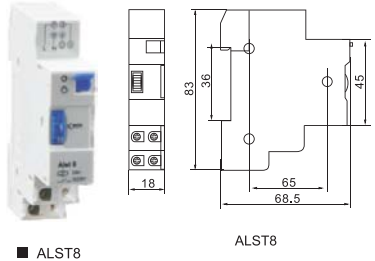


A170 MODULAR TIMER

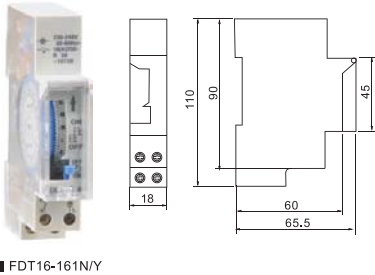
A



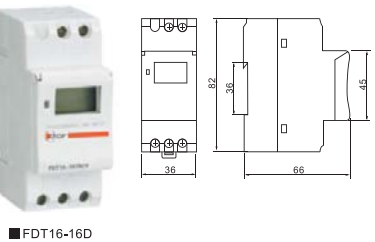
■ ALC18



■ ALST8



■ FDT16-161N/Y



■ FDT16-16D

Application

The product is applicable to circuit with rated current 16A, rated voltage 250V and rated frequency 50/60Hz. It Provides independent electrical control to switch on-off the circuit at programmed times and days of the week.

ALC18 time switch

- ◆ Type: electronic time delay
- ◆ Time setting range: 20minutes
- ◆ Min. setting interval: 5minutes
- ◆ Slide switch: manual/automatic
- ◆ Controlled lighting load:
 - ◇ Incandescent lamp: 2300W
 - ◇ Halogen lamp: 2300W
 - ◇ Fluorescent lamp load with electronic ballast: 800W
- ◆ Switching: immediate reset

ALST8 time switch

- ◆ Type: electromechanical type with time delay
- ◆ Time setting range: 7 minutes
- ◆ Min. setting interval: 30 seconds
- ◆ Toggle switch: manual/automatic
- ◆ Controlled lighting load:
 - ◇ Incandescent lamp: 2300W
 - ◇ Halogen lamp: 2300W
 - ◇ Fluorescent lamp:
 - ◇ Uncompensated 2300w
 - ◇ Compensated in series: 2300w
 - ◇ Compensated in parallel: 1300w
- ◆ Switching: reset after 30s

FDT16-161N Synchronous time switch

- ◆ Drive: synchronous motor
- ◆ Frequency: 50/60Hz

FDT16-161Y Quartz time switch with power reserve

- ◆ Drive: quartz-controlled motor
- ◆ Frequency: 50/60Hz
- ◆ Accuracy: within $\pm 1s$ per day at 20°C
- ◆ Reserve: 70 hours

Application

Switches "ON" and "OFF" automatically following a pre-determined program. The product is suitable in use for domestic, commercial and industrial installations.

Construction and Feature

- ◆ Available with or without power reserve
- ◆ 24 hour dial with 15 min segments
- ◆ 7 days dial with 2 hours segments
- ◆ Permanent ON/OFF switch
- ◆ Switching status indication

Technical Data

- ◆ Type: electronic with LCD display
- ◆ Rated voltage: 230V AC
- ◆ Rated frequency: 50/60Hz
- ◆ Contact: 1NO+1NC
- ◆ Consumption: maximum 4VA
- ◆ contact capacity:
 - ◇ 16A/250V AC(COS ϕ =1)
 - ◇ 2.5A/250V AC(COS ϕ =0.6)
- ◆ incandescent lamp: 1000W
- ◆ electrical endurance: 10⁵ cycles
- ◆ Mechanical endurance: 10⁵ cycles

Construction and Feature

- ◆ Compact modular size
- ◆ LCD Display
- ◆ Equipped with back-up battery
- ◆ Permanent switch ON/OFF

Application

The time switch, applicable to circuit with rated voltage 230V AC and rated current 16A, "opens" after a predetermined time from actuation.

Construction and Feature

- ◆ Suitable to control wide range lightings include incandescent lamp, halogen lamp and
- ◆ fluorescent lamp
- ◆ Simple time setting
- ◆ With time delay
- ◆ Extremely compact and modular size

Technical Data

- ◆ Rated voltage: 230V ~
- ◆ Rated frequency: 50Hz
- ◆ Consumption: 1VA
- ◆ Contact capacity: 16A 250V AC(COS ϕ =1)
- ◆ Electrical endurance: 10⁵ cycles
- ◆ Mechanical endurance: 10⁵ cycles
- ◆ Ambient temperature: -20°C ~ +50°C
- ◆ Connection terminal: Pillar terminal with clamp
- ◆ Installation:
 - ◇ On symmetrical DIN rail
 - ◇ Panel mounting

Technical Data

- ◆ Rated voltage: 230V AC
- ◆ Rated frequency: 50/60Hz
- ◆ Consumption: 2.5VA
- ◆ Contact: 1NO
- ◆ Contact Capacity:
 - ◇ 16A/250VAC(COS ϕ =1)
 - ◇ 4A/250V AC(COS ϕ =0.6)
- ◆ Electrical endurance: 10⁵ cycles
- ◆ Mechanical endurance: 10⁵ cycles
- ◆ 24 hours or 7 days program
- ◆ 96 segments
- ◆ Min. programmable interval: 15 minutes
- ◆ Ambient temperature: -10°C ~ +50°C
- ◆ Connection terminal: pillar terminal with Clamp
- ◆ Connection capacity: rigid conductor 6mm²
- ◆ Installation:
 - ◇ On symmetrical DIN rail
 - ◇ Panel mounting

A180 MODULAR ACCESSORIES

Modular Accessories

IEC62019

Function	Order Code
Auxiliary Contact	F3
Auxiliary Alarm	SD
Over/Under Voltage Protector	U3+O3
Shunt Release3	S3

Auxiliary Contact

- ◆ Contact capacity:
 - ◇ AC: Un=400V In=3A
 - Un=230V In=6A
 - ◇ DC: Un=125V In=1A
 - Un=48V In=2A
 - Un=24V In=6A
- ◆ Dielectric capacity: 2000V/1min
- ◆ Electro-mechanical endurance: ≥ 5000
- ◆ Mounted on the left side of the MCB FD16-63, including "ON", "OFF" status of combined MCB

Auxiliary Alarm

- ◆ Rated insulating voltage (Ui): 500V
- ◆ Rated power voltage (Us): AC 400, 230, 125V
- ◆ Operate voltage range: 70~100% Us
- ◆ Contact capacity: 3A/400V AC, 6A/230V AC, 9A/25V AC
- ◆ Dielectric strength: 2000V/1min
- ◆ Electro-mechanical endurance: ≥ 4000
- ◆ Combined with MCB FDM16-63, and used to control remote Signaling device, this AUXiary Alarm works as circuit breaker ON/OFF indication in case of faulty(tripping)

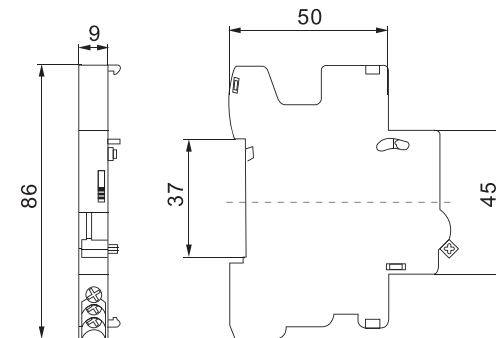
Over/Under Voltage Protector

- ◆ Mounted on the right side of circuit breaker, actuate the combined device to trip in case of under voltage or over-voltage, effectively prevent the device from closing operation under abnormal power voltage condition.
- ◆ Rated voltage (Ue): AC 230V
- ◆ Rated insulating voltage (Ui): 500V
- ◆ Over-voltage tripping range: 280V $\pm$ 5%
- ◆ Under-voltage tripping range: 170V $\pm$ 5%
- ◆ Electro-mechanical endurance: ≥ 4000

Hunt Release

- ◆ Mounted on the right side of circuit breaker, this shunt release is used for tele-control release. It works to tele-control and disconnect electric circuit, connect with fire control alarm system. Tele-control release by emergency button.
- ◆ Rated voltage (Ue): 380V/220V/127VAC; 48V/36V/24V DC

Overall & installation dimensions



■ F3
■ Auxiliary Contact



■ SD
■ Auxiliary Alarm



■ U3+O3
■ Over/Under Voltage Protector



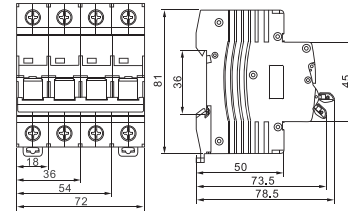
■ S3
■ Shunt Release

A190 MAIN SWITCH FDD16

FDD16-63

Technical Data

- ◆ Pole No.: 1,2,3,4
- ◆ Rated Current: 16,25,40,63A
- ◆ Rated voltage: 230/400V AC
- ◆ Rated frequency: 50/60Hz
- ◆ Rated withstand current: 1000A within 1 sec
- ◆ Electro-mechanical endurance: 10000 cycles
- ◆ Connection capacity: Rigid conductor 25mm²
- ◆ Connection terminal:
 - ◇ Screw terminal
 - ◇ Pillar terminal with clamp
- ◆ Installation:
 - ◇ On symmetrical din rail 35mm
 - ◇ Panel mounting

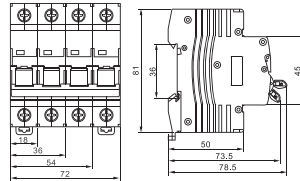


Rated Current	Order Code			
	1P	2P	3P	4P
16	D16-1-16	D16-2-16	D16-3-16	D16-4-16
25	D16-1-25	D16-2-25	D16-3-25	D16-4-25
40	D16-1-40	D16-2-40	D16-3-40	D16-4-40
63	D16-1-63	D16-2-63	D16-3-63	D16-4-63

Technical Data

- ◆ Pole No.: 1,2,3,4
- ◆ Rated Current: 63,80,100,125A
- ◆ Rated voltage: 230/400V AC
- ◆ Rated frequency: 50/60Hz
- ◆ Rated withstand current: 1000A within 1 sec
- ◆ Electro-mechanical endurance: 10000 cycles
- ◆ Connection capacity: Rigid conductor 25mm²
- ◆ Connection terminal:
 - ◇ Screw terminal
 - ◇ Pillar terminal with clamp
- ◆ Installation:
 - ◇ On symmetrical din rail 35mm
 - ◇ Panel mounting

FDD16-125



Rated Current	Order Code			
	1P	2P	3P	4P
63	D16-1H-63	D16-2H-63	D16-3H-63	D16-4H-63
80	D16-1H-80	D16-2H-80	D16-3H-80	D16-4H-80
100	D16-1H-100	D16-2H-100	D16-3H-100	D16-4H-100
125	D16-1H-125	D16-2H-125	D16-3H-125	D16-4H-125

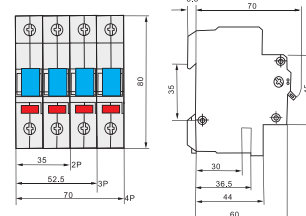
FDD7-100

IEC60947-3

Technical Data

- ◆ Standard: IEC60947-3 GB14048.3
- ◆ Rated current: 100 A
- ◆ Rated voltage: 50 Hz, 230V/400V
- ◆ Rated operating current: 32A,63A,100A
- ◆ Rated short time withstand capacity: 25 KA (connect 100A fuse protector)
- ◆ Pole: 1P,2P,3P,4P
- ◆ Electric life: ≥ 1500 times
- ◆ Mechanical life: ≥ 1000 times
- ◆ Using type: AC-22
- ◆ Protection class: IP20
- ◆ Operating temperature: -5+40°C
- ◆ Altitude: ≤ 2000m
- ◆ Pollution level: grade 3
- ◆ Installation: IEC standard, DIN rail 35mm
- ◆ Installation: the main switch be vertically installed, handle up means current connection.
- ◆ Place: no obvious or frequent vibration or impact.

Rated Current	Order Code			
	1P	2P	3P	4P
32	FDD7-1-32	FDD7-2-32	FDD7-3-32	FDD7-4-32
40	FDD7-1-40	FDD7-2-40	FDD7-3-40	FDD7-4-40
63	FDD7-1-63	FDD7-2-63	FDD7-3-63	FDD7-4-63
80	FDD7-1-80	FDD7-2-80	FDD7-3-80	FDD7-4-80
100	FDD7-1-100	FDD7-2-100	FDD7-3-100	FDD7-4-100



MODULAR PUSHBUTTON AND INDICATOR

A191 MODULAR PUSHBUTTON AND INDICATOR

SN,FDY16

Modular Indicator & Pushbutton

IEC62019

Function	Color	Power	Order Code
Indicator	green	0.6W	SN-G
	red	0.6W	SN-R
	yellow	0.6W	SN-Y
Pushbutton	green	1A 250V	FDY16-G1
	green	3A 125V	FDY16-G3
	yellow	1A 250V	FDY16-Y1
	yellow	3A 125V	FDY16-Y3

Construction & Feature

- ◆ Low service duration, minimum power consumption.
- ◆ Compact design in modular size.
- ◆ Easy installation.

Application

The Modular Signal Lamp is applicable to circuit with rated voltage 230V ~and frequency 50/60Hz for visual indication and signaling.

Technical Data

- ◆ Rated voltage: 230V AC
- ◆ Rated frequency: 50/60Hz
- ◆ Colour: red, green, yellow
- ◆ Connection terminal: pillar terminal with clamp
- ◆ Connection capacity: rigid conductor 10mm²
- ◆ Installation:
 - ◇ On symmetrical DIN rail
 - ◇ Panel mounting

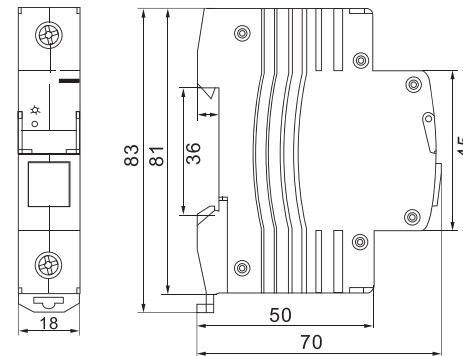
SN Modular Indicator

- ◆ Max power: 0.6W
- ◆ Illumination: LED
- ◆ Service duration: 30,000 hours

FDY16 Modular Pushbutton

- ◆ 1A 250V AC / 3A 125V AC
- ◆ Green / Red

Overall & installation dimensions

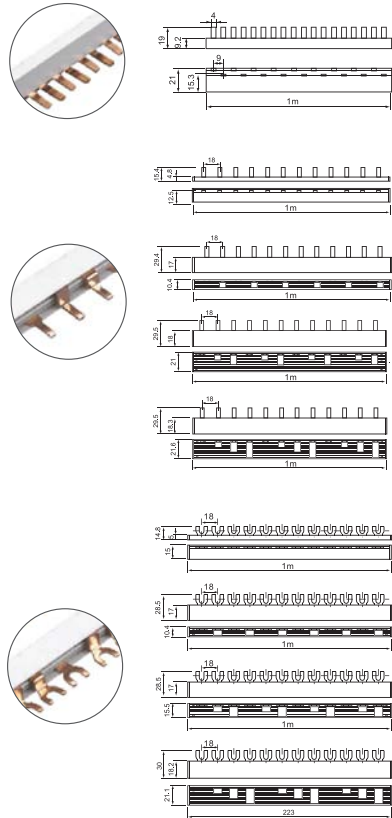


■ SN
■ Indicator



■ FDY16
■ Pushbutton

A230 CONNECTION BRUSH



Brush 1P+N

Category	Rated current	Terminals	Length
BP032/1N	32A	28	1m

Brush pin type 1P, 2P, 3P, 4P

Category	Rated current	Terminals	Length
BP063/1	63A	56(55)	1m
BP063/2	63A	27	1m
BP063/3	63A	18	1m
BP063/4	63A	14	1m
BP125/1	125A	56(55)	1m
BP125/2	125A	27	1m
BP125/3	125A	18	1m
BP125/4	125A	14	1m

Brush fork type 1P, 2P, 3P, 4P

Category	Rated current	Terminals	Length
BF063/1	63A	56(55)	1m
BF063/2	63A	27	1m
BF063/3	63A	18	1m
BF063/4	63A	14	1m

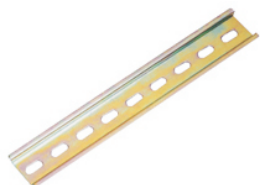
End Cap

BC1
BC2
BC3
BC4

Terminal Adaptor

BA1

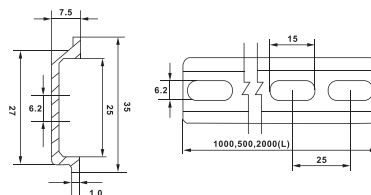
A231 DIN RAIL (STEEL)



SD-8500 TH35-7.5 (thickness: 1.0)

Hole size for selection:

6.2x15
5.2x25
5.2x15



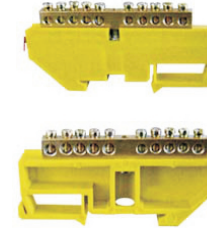
A232 ISOLATED BRIDGE

Application

Suitable for neutral and earth terminal connection in electrical distribution cabinet.

Construction and Feature

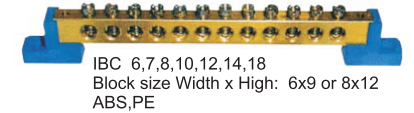
- ◆ Made of brass with good intensity.
- ◆ Provide efficient and reliable terminal connection.
- ◆ Special design available for particular utility.



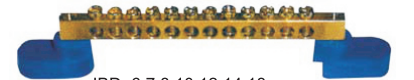
IBA 8,10,12,14,16
Block size Width x High: 6x9 or 8x12
ABS,PE



IB 7,8,10,12,15
Block size Width x High: 6x9
PA



IBC 6,7,8,10,12,14,18
Block size Width x High: 6x9 or 8x12
ABS,PE

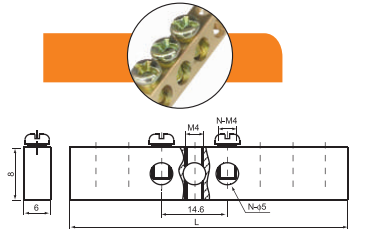


IBD 6,7,8,10,12,14,18
Block size Width x High: 6x9 or 8x12
ABS,PE

IEC standard copper terminal block

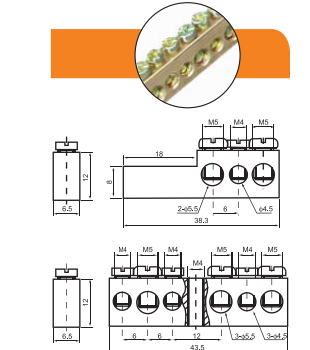
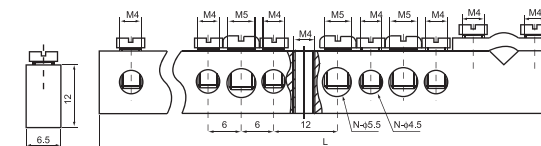
Category	Holes	Holes Dia (mm)	Length (mm)	Weight (g)
TBA08	8	6	57.3	53
TBA09	9	6	66	62
TBA14	14	6	93	87

Hole Number can be according to requirement.



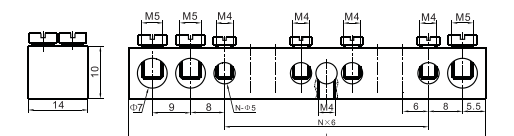
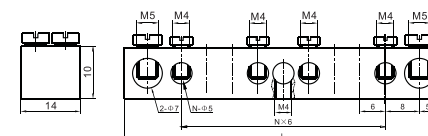
BS standard copper terminal block

Category	Holes	Holes Dia (mm)	Length (mm)	Weight (g)
TBE03	3	6	38.3	20
TBE06	6	6	43.5	26
TBE07	7	6	68	43
TBE10	10	6	58.5	53
TBE13	13	6	103.5	65
TBE23	23	6	169.5	103

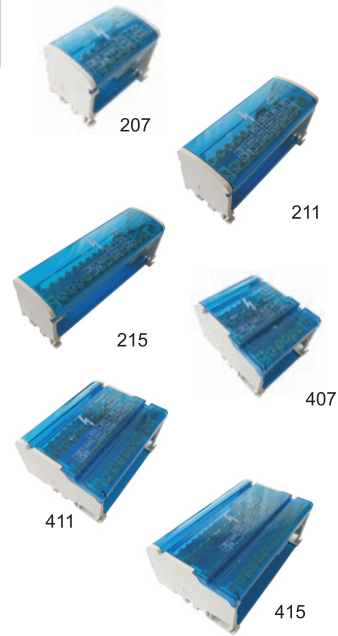


AU standard copper terminal block

Category	Holes	Holes Dia (mm)	Length (mm)	Weight (g)
TBN04	4	7.3	29	10
TBN06	5	7.3	36.5	12
TBN07	7	7.3	50	17
TBN09	9	7.3	65	22



A233 TERMINAL BOX



Material:

PA: Polyamide 66, UL94 V2 grade, good insulating property, resist dissolve, resist heat, inflaming retarding.

Working temperature: -40°C to 110°C.

PC: Polycarbonate, UL94V0 grade, acid resistant, resist heat, oil proof, inflaming retarding, intolerance UV light.

Working temperature: -35°C to 120°C

Brass bar, Iron screw plated zinc

Voltage: 250-450V

Color: blue color as standard

TYPE	NO.	WIRE SIZE						DIMENSIONS		
		Φ5,3 1.5-6mm ² 2.5-6mm ²	Φ7.5 6-16mm ² 10-25mm ²	Φ9 10-16mm ² 10-35mm ²	Φ9 25mm ² End cord ferrules			W	L	H
207	2×7	5	2	-	or -			46	66	51
211	2×11	7	2	2	or 2			46	103	51
215	2×15	11	2	2	or 2			46	134	51
407	4×7	5	2	-	or -			86	66	51
411	4×11	7	2	2	or 2			86	103	51
415	4×15	11	2	2	or 2			86	134	51

A234 TERMINAL BLOCK XG SERIES

XG047



Item no.	Spec.	L1	L2	W	H	φ 1	φ 2	Screw Size	Plastic
	mm ²	mm							
XG047	16	41	31.5	17	32	14.5×4.8	4.3	M8	PA
	25	47.2	37.5	20.8	37.7	17×6.8	4.3	M10	PA
	35	54.8	44.5	24.4	42.4	19×8.4	4.3	M12	PA
	50	65	54	27	48.5	22×9.3	5	M14	PA
	70	66.8	56	29	52.5	25×10.5	5	M16	PA
	95	71	60	33.5	56.7	29×12.6	5	M18	PA
	120	73.4	62	35.8	61	33×13.8	5	M20	PA

A301 TERMINAL BLOCKS SCB

Product range:

Conductor • RE/RM smaller or equal 6 mm² Cu/Al.

Materials:

Fireproof plastic PA66, brass, steel En11383 with chromated coating by EN12329.

Variants:

Size 6 is manufactured and supplied in this form only.

Packing:

Carton dimensions: 45x37x33 cm

Carton contents: 1200 pcs

Piece weight: 24 g

N. W.: 28.9 kg

G. W.: 29.4 kg

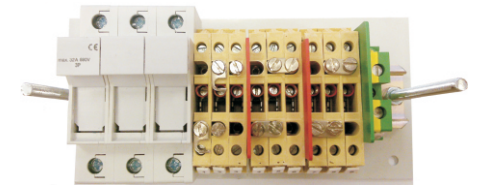
Packing of terminal block accessories:

Depending on individual customer's needs.

Storage and transport:

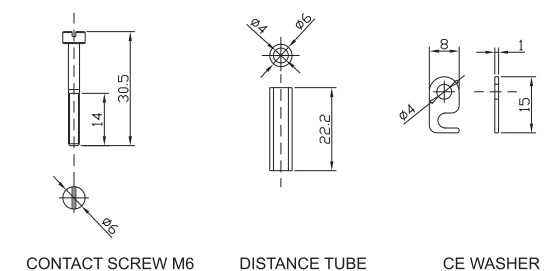
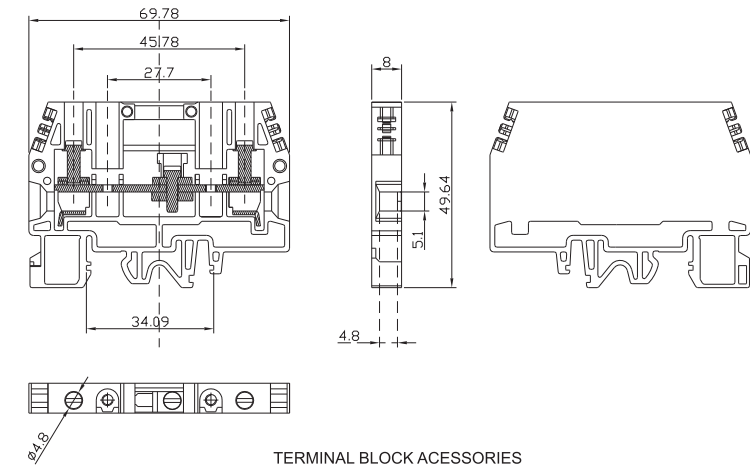
Product does not have any specific storage requirements. It is fire-resistant and non-hazardous.

Useful Blueprint.



Product description:

The terminal block is designed to be used for connecting and disconnecting the electric circuit. They are most commonly used in low voltage splitting boxes (as shown below.) The product has a bottom bracket for DIN rail, fixation of input or output wires is accomplished with the side screws. Inner bolts can be used to connect the terminal block set, or remain unused if disconnected.



A301 TERMINAL BLOCK HUK SERIES



HUK1.5N thickness: 4.2MM
(Section: 1.5 mm²) M2 → 7MM ICE60947-7-1

solid wire	stranded wire	I	U
0.14-1.5 mm ²	0.14-1.5 mm ²	17.5A	500V

end cover thickness:1.5 D-UK2.5B

insulation parting slip

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-4 FBI3-4 FBI5-4 FBI10-4

insertion bridge

quick marking tags ZB4 ZB4H ZB4S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUK2.5B thickness: 4.2MM
(Section: 2.5 mm²) M3 → 7MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-4 mm ²	0.2-2.5 mm ²	32A	690V

end cover thickness:1.5 D-UK2.5B

insulation parting slip TS-KK3

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-6 FBI3-6 FBI5-6 FBI10-6

insertion bridge EB2-6 EB3-6 EB10-6

quick marking tags ZB6 ZB6H ZB6S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUK3B thickness: 5.2MM
(Section: 2.5 mm²) M3 → 8MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-4 mm ²	0.2-2.5 mm ²	32A	800V

end cover thickness:1.5 D-UK3/10

insulation parting slip TS-K

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-5 FBI3-5 FBI5-5 FBI10-5

insertion bridge EB2-5 EB3-5 EB10-5

quick marking tags ZB5 ZB5H ZB5S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUK5N thickness: 6.2MM
(Section: 4 mm²) M3 → 8MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-6 mm ²	0.2-4 mm ²	41A	800V

end cover thickness:1.5 D-UK3/10

insulation parting slip TS-K

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-6 FBI3-6 FBI5-6 FBI10-6

insertion bridge EB2-6 EB3-6 EB10-6

quick marking tags ZB6 ZB6H ZB6S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUK6N thickness: 8.2MM
(Section: 6 mm²) M4 → 10MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-10 mm ²	0.2-6 mm ²	57A	800V

end cover thickness:1.5 D-UK3/10

insulation parting slip TS-K

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-8 FBI3-8 FBI5-8 FBI10-8

insertion bridge EB2-8 EB3-8 EB10-8

quick marking tags ZB8 ZB8H ZB8S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUK10N thickness: 10.2MM
(Section: 10 mm²) M4 → 10MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-16 mm ²	0.2-10 mm ²	76A	800V

end cover thickness:1.5 D-UK3/10

insulation parting slip TS-K

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-10 FBI3-10 FBI5-10 FBI10-10

insertion bridge

quick marking tags ZB10 ZB10H ZB10S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5

A301 TERMINAL BLOCK HUK SERIES



UIK16N thickness: 12.2MM
(Section: 16 mm²) M4 → 11MM ICE60947-7-1

solid wire	stranded wire	I	U
2.5-25 mm ²	4-16 mm ²	101A	800V

end cover thickness:1.5 D-UK3/10

insulation parting slip TS-K

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-12 FBI3-12 FBI5-12 FBI10-12

quick marking tags ZB10 ZB10H ZB10S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUK16N thickness: 12.2MM
(Section: 16 mm²) M4 → 11MM ICE60947-7-1

solid wire	stranded wire	I	U
2.5-25 mm ²	4-16 mm ²	101A	800V

end cover thickness:1.5 D-UK16

insulation parting slip TS-K

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-12 FBI3-12 FBI5-12 FBI10-12

quick marking tags ZB10 ZB10H ZB10S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HIK35N thickness: 15.2MM
(Section: 35 mm²) M4 → 16MM ICE60947-7-1

solid wire	stranded wire	I	U
0.75-35 mm ²	0.75-35 mm ²	125A	800V

end cover thickness:1.5

insulation parting slip TS-K

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-15 FBI3-15 FBI5-15 FBI10-15

quick marking tags ZB10 ZB10H ZB10S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUK35N thickness: 15.2MM
(Section: 35 mm²) M4 → 16MM ICE60947-7-1

solid wire	stranded wire	I	U
0.75-50 mm ²	0.75-35 mm ²	150A	1000V

insulation parting slip TS-K3

grouping end cover thickness:2.0 ATP-UK

fixed bridge 10 way arbitrary separation FBI2-15 FBI3-15 FBI5-15 FBI10-15

quick marking tags ZB10 ZB10H ZB10S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



UKH50 thickness: 20MM
(Section: 50 mm²) M6 → 24MM ICE60947-7-1

solid wire	stranded wire	I	U
16-50 mm ²	25-35 mm ²	150A	1000V

insulation parting slip

grouping end cover thickness:2.0

fixed bridge 10 way arbitrary separation FBI2-20 FBI3-20 FBI5-20 FBI10-20

quick marking tags ZB10 ZB10H ZB10S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



UKH95 thickness: 25MM
(Section: 95 mm²) M8 → 3MM ICE60947-7-1

solid wire	stranded wire	I	U
25-95 mm ²	35-95 mm ²	232A	1000V

insulation parting slip

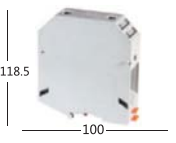
grouping end cover thickness:2.0

fixed bridge 10 way arbitrary separation

quick marking tags ZB10 ZB10H ZB10S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



UKH150 thickness: 31MM
(Section: 150 mm²) M10 → 40MM ICE60947-7-1

solid wire	stranded wire	I	U
35-150 mm ²	50-150 mm ²	309A	1000V

quick marking tags ZB10 ZB10H ZB10S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



UKH240N thickness: 31MM
(Section: 240 mm²) M10 → 40MM ICE60947-7-1

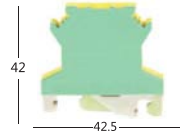
solid wire	stranded wire	I	U
70-240 mm ²	70-240 mm ²	415A	1000V

quick marking tags ZB10 ZB10H ZB10S

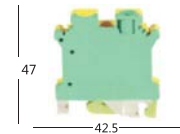
fixed pieces thickness:8.2 E/UK

mount rail U35-7.5

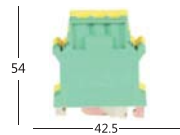
A301 TERMINAL BLOCK HUK SERIES

**HUK-2.5BJD** thickness: 6.2MM
(Section: 2.5 mm²) $\text{M3} \Rightarrow 7\text{MM ICE60947-7-1}$

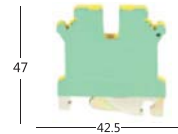
solid wire	stranded wire	I	U
0.2-4mm ²	0.2-2.5mm ²	32A	690V
insertion bridge			
EB2-6			
EB3-6			
EB10-6			
quick marking tags			
ZB6			
ZB6H			
ZB6S			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK-6JD** thickness: 8.2MM
(Section: 6 mm²) $\text{M4} \Rightarrow 10\text{MM ICE60947-7-1}$

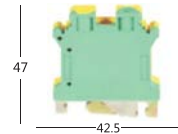
solid wire	stranded wire	I	U
0.2-10mm ²	0.2-6mm ²	57A	800V
insertion bridge			
EB2-8			
EB3-8			
EB10-8			
quick marking tags			
ZB8			
ZB8H			
ZB8S			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK-16JD** thickness: 12.2MM
(Section: 16 mm²) $\text{M4} \Rightarrow 11\text{MM ICE60947-7-1}$

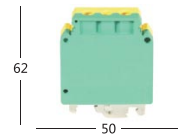
solid wire	stranded wire	I	U
2.5-25mm ²	4-16mm ²	101A	800V
insertion bridge			
ZB10			
ZB10H			
ZB10S			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK-3JD** thickness: 5.2MM
(Section: 2.5 mm²) $\text{M3} \Rightarrow 8\text{MM ICE60947-7-1}$

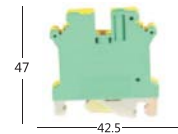
solid wire	stranded wire	I	U
0.2-4mm ²	0.2-2.5mm ²	32A	800V
insertion bridge			
EB2-5			
EB3-5			
EB10-5			
quick marking tags			
ZB5			
ZB5H			
ZB5S			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK-10JD** thickness: 10.2MM
(Section: 10 mm²) $\text{M4} \Rightarrow 10\text{MM ICE60947-7-1}$

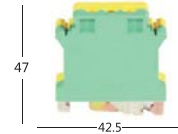
solid wire	stranded wire	I	U
0.2-16mm ²	0.2-10mm ²	76A	800V
insertion bridge			
ZB10			
ZB10H			
ZB10S			
quick marking tags			
ZB10			
ZB10H			
ZB10S			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK-35JD** thickness: 15.2MM
(Section: 35 mm²) $\text{M4} \Rightarrow 16\text{MM ICE60947-7-1}$

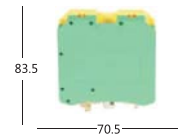
solid wire	stranded wire	I	U
0.75-50mm ²	0.75-35mm ²	150A	1000V
insertion bridge			
ZB10			
ZB10H			
ZB10S			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK-5JD** thickness: 6.2MM
(Section: 4 mm²) $\text{M3} \Rightarrow 8\text{MM ICE60947-7-1}$

solid wire	stranded wire	I	U
0.2-6mm ²	0.2-4mm ²	41A	800V
insertion bridge			
EB2-6			
EB3-6			
EB10-6			
quick marking tags			
ZB6			
ZB6H			
ZB6S			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

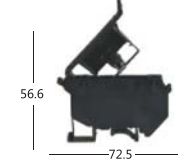
**HIK-16JD** thickness: 12.2MM
(Section: 16 mm²) $\text{M4} \Rightarrow 11\text{MM ICE60947-7-1}$

solid wire	stranded wire	I	U
2.5-25mm ²	4-16mm ²	101A	800V
insertion bridge			
ZB10			
ZB10H			
ZB10S			
quick marking tags			
ZB10			
ZB10H			
ZB10S			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK-50JD** thickness: 20MM
(Section: 50 mm²) $\text{M6} \Rightarrow 24\text{MM ICE60947-7-1}$

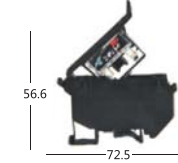
solid wire	stranded wire	I	U
16-50mm ²	25-35mm ²	150A	1000V
insertion bridge			
ZB10			
ZB10H			
ZB10S			
quick marking tags			
ZB10			
ZB10H			
ZB10S			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

A301 TERMINAL BLOCK HUK SERIES

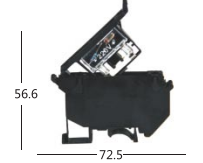
**HUK5-HESI** thickness: 8.2MM
(Section: 4 mm²) $\text{M3} \Rightarrow 8\text{MM ICE60947-7-1}$

solid wire	stranded wire	I	U
0.2-4mm ²	0.2-4mm ²	6.3A	800V
light-emitting diode display			

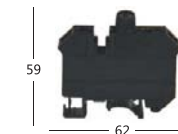
fuse wire diameter X length			
5X20			
5X25			
EB2-8			
EB3-8			
EB10-8			
insertion bridge			
ZB8			
ZB8H			
ZB8S			
quick marking tags			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK5-HESILED24** thickness: 8.2MM
(Section: 4 mm²) $\text{M3} \Rightarrow 8\text{MM ICE60947-7-1}$

solid wire	stranded wire	I	U
0.2-4mm ²	0.2-4mm ²	6.3A	800V
light-emitting diode display			
AC/DC 15-30V			
3.5-8.1mA			
fuse wire diameter X length			
5X20			
5X25			
EB2-8			
EB3-8			
EB10-8			
insertion bridge			
ZB8			
ZB8H			
ZB8S			
quick marking tags			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

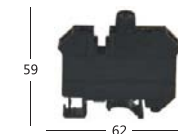
**HUK5-HESILED250** thickness: 8.2MM
(Section: 4 mm²) $\text{M3} \Rightarrow 8\text{MM ICE60947-7-1}$

solid wire	stranded wire	I	U
0.2-4mm ²	0.2-4mm ²	6.3A	800V
light-emitting diode display			
AC/DC 110-250V			
0.5-1mA			
fuse wire diameter X length			
5X20			
5X25			
EB2-8			
EB3-8			
EB10-8			
insertion bridge			
ZB8			
ZB8H			
ZB8S			
quick marking tags			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK10-DREHSI** thickness: 6.2MM
(Section: 10 mm²) $\text{M4} \Rightarrow 11\text{MM ICE60947-7-1}$

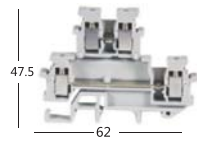
solid wire	stranded wire	I	U
0.5-16mm ²	0.5-10mm ²	10A	800V
light-emitting diode display			

fuse wire diameter X length			
5X20			
insertion bridge			
ZB10			
ZB10H			
ZB10S			
quick marking tags			
fixed pieces thickness: 8.2			
E/UK			
mount rail			
U35-7.5			

**HUK10-DREHSILED24** thickness: 6.2MM
(Section: 10 mm²) $\text{M4} \Rightarrow 11\text{MM ICE60947-7-1}$

solid wire	stranded wire	I	U
0.5-16mm ²	0.5-10mm ²	10A	800V
light-emitting diode display		AC/DC 15-30V 3.5-8.1mA	
fuse wire diameter X length			5X20
insertion bridge			-----
quick marking tags			ZB10 ZB10H ZB10S
fixed pieces thickness: 8.2			E/UK
mount rail			U35-7.5

A301 TERMINAL BLOCK HUK SERIES



MBKKB2.5 thickness: 5.2MM
(Section: 2.5 mm²) M3 → 7MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-4mm ²	0.2-2.5mm ²	24A	500V

end cover thickness:1.5 D-MBKKKB25

insulation parting slip TS-KK3

grouping end cover thickness:2.0

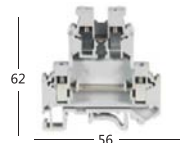
fixed bridge 10 way arbitrary separation FBI2-5N
FBI3-5N
FBI5-5N
FBI10-5N

insertion bridge EB2-5
EB3-5
EB10-5

quick marking tags ZB5
ZB5H
ZB5S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUKK5 thickness: 6.2MM
(Section: 4 mm²) M3 → 8MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-4mm ²	0.2-4mm ²	32A	500V

end cover thickness:1.5 DG-UKKB3/5
DP-UKKB3/5

insulation parting slip TS-KK3

grouping end cover thickness:2.0

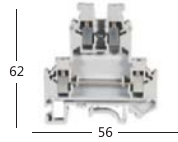
fixed bridge 10 way arbitrary separation FBI2-6
FBI3-6
FBI5-6
FBI10-6

insertion bridge EB2-6
EB3-6
EB10-6

quick marking tags ZB6
ZB6H
ZB6S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUKK3 thickness: 5.2MM
(Section: 2.5 mm²) M3 → 8MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-4mm ²	0.2-2.5mm ²	32A	500V

end cover thickness:1.5 D-MBKKKB25

insulation parting slip TS-KK3

grouping end cover thickness:2.0

fixed bridge 10 way arbitrary separation FBI2-5N
FBI3-5N
FBI5-5N
FBI10-5N

insertion bridge EB2-5
EB3-5
EB10-5

quick marking tags ZB5
ZB5H
ZB5S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUKB5 thickness: 6.2MM
(Section: 4 mm²) M3 → 8MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-4mm ²	0.2-4mm ²	32A	500V

end cover thickness:1.5 DG-UKKB3/5
DP-UKKB3/5

insulation parting slip TS-KK3

grouping end cover thickness:2.0

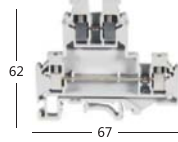
fixed bridge 10 way arbitrary separation FBI2-6
FBI3-6
FBI5-6
FBI10-6

insertion bridge EB2-6
EB3-6
EB10-6

quick marking tags ZB6
ZB6H
ZB6S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



UKKB3 thickness: 5.2MM
(Section: 2.5 mm²) M3 → 8MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-4mm ²	0.2-2.5mm ²	32A	500V

end cover thickness:1.5 DG-UKKB3/5
DP-UKKB3/5

insulation parting slip TS-KK3

grouping end cover thickness:2.0

fixed bridge 10 way arbitrary separation FBI2-5N
FBI3-5N
FBI5-5N
FBI10-5N

insertion bridge EB2-5
EB3-5
EB10-5

quick marking tags ZB5
ZB5H
ZB5S

fixed pieces thickness:8.2 E/UK

mount rail U35-7.5



HUK5-MTK-P/P thickness: 6.2MM
(Section: 4 mm²) M3 → 8MM ICE60947-7-1

solid wire	stranded wire	I	U
0.2-4mm ²	0.2-4mm ²	16A	800V

end cover thickness:1.5

insulation parting slip

grouping end cover thickness:2.0

fixed bridge 10 way arbitrary separation

insertion bridge

quick marking tags ZB6
ZB6H
ZB6S

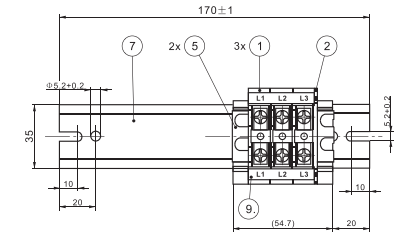
fixed pieces thickness:8.2 E/UK

mount rail U35-7.5

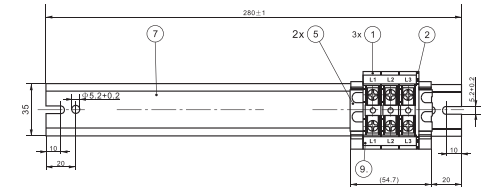
A301 TERMINAL BLOCK SCB WITH DINRAIL



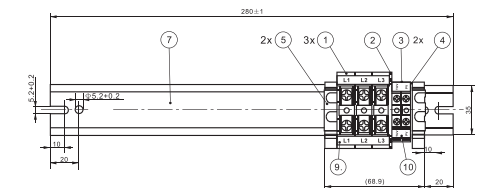
SCB16-170DN 3x16mm² DINRAIL: 170mm



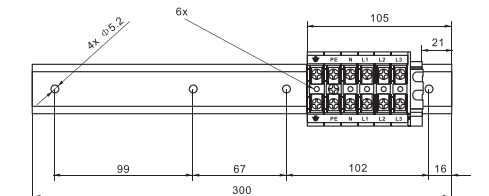
SCB16-280DN 3x16mm² DINRAIL: 280mm



SCB16/2.5-280DN 3x16mm² 2x2.5mm² DINRAIL: 280mm



SCB25-300DN 6x25(16)mm² DINRAIL: 300mm



A301 TERMINAL BLOCK HUK SERIES

A

HURTK/S thickness: 6.2MM
(Section: 6 mm²) M3 → 8MM ICE60947-7-1
solid wire 0.5-10mm² stranded wire 0.5-6mm² I 57A U 400V

end cover thickness: 2.5 D-URTK/S

insulation parting slip -----

grouping end cover thickness: 2.0 -----

fixed bridge 10 way arbitrary separation FB2-RTK/S FB3-RTK/S FB5-RTK/S FB10-RTK/S

insertion bridge EB2-6 EB3-6 EB10-6

quick marking tags ZB8 ZB8H ZB8S

fixed pieces thickness: 8.2 E/UK

mount rail U35-7.5

HUDK4 thickness: 6.2MM
(Section: 4 mm²) M3 → 8MM ICE60947-7-1
solid wire 0.5-10mm² stranded wire 0.5-6mm² I 32A U 690V

end cover thickness: 1.5 D-UDK4

insulation parting slip TS-KK3

grouping end cover thickness: 2.0 -----

fixed bridge 10 way arbitrary separation FB12-6 FB13-6 FB15-6 FB110-6

insertion bridge EB2-6 EB3-6 EB10-6

quick marking tags ZB6 ZB6H ZB6S

fixed pieces thickness: 8.2 E/UK

mount rail U35-7.5

HUK5-TWIN thickness: 6.2MM
(Section: 4 mm²) M3 → 8MM ICE60947-7-1
solid wire 0.5-10mm² stranded wire 0.5-6mm² I 32A U 500V

end cover thickness: 1.5 D-UK5-TWIN

insulation parting slip TS-KK3

grouping end cover thickness: 2.0 -----

fixed bridge 10 way arbitrary separation FB12-6 FB13-6 FB15-6 FB110-6

insertion bridge EB2-6 EB3-6 EB10-6

quick marking tags ZB6 ZB6H ZB6S

fixed pieces thickness: 8.2 E/UK

mount rail U35-7.5

UBE thickness: 9.5MM

mount rail U35-7.5

UBE/D thickness: 15.5MM

mount rail U35-7.5

KV-A thickness: 9.5MM

mount rail U35-7.5

A302 PIPE TYPE BEFOREHEAD INSULATING TERMINALS

A



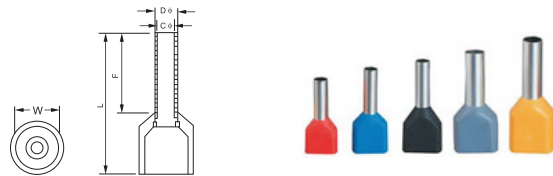
ITEM NO	Wire Scope	Dimension(mm)						Color	Impression Tool
		F	L	W	B	D	C		
E0505	22 A.W.G 0.5MM2	5	11	2.6	6	1.3	1	White Orange	0.5 caliber tongs
E0506		6	12						
E0508		8	14						
E0510		10	16						
E0512	20 A.W.G 0.75MM2	12	18	2.8	6.3	1.5	1.2	blue White	0.75 caliber tongs
E7506		6	12.3						
E7508		8	14.3						
E7510		10	16.3						
E7512	18 A.W.G 1.0 MM2	12	18.3	3	6.3	1.7	1.4	red yellow	1.0 caliber tongs
E7518		18	24.3						
E1006		6	12.3						
E1008		8	14.3						
E1508	16 A.W.G 1.5 MM2	8	14.3	3.5	6.3	2	1.7	black Red	1.5 caliber tongs
E1510		10	16.3						
E1512		12	18.3						
E1515		15	21.3						
E1518	14 A.W.G 2.5 MM2	18	24.3	4	7.4	2.6	2.3	Gray Green	2.5 caliber tongs
E2508		8	15.4						
E2510		10	17.4						
E2512		12	19.4						
E2518	12 A.W.G 4.0 MM2	18	25.4	4.5	7.4	3.2	2.8	orange Gray	4.0 caliber tongs
E2525		25	32.4						
E4009		9	16.4						
E4010		10	17.4						
E6012	10 A.W.G 6.0 MM2	12	20.5	6	8.5	3.9	3.5	Green Black	6.0 caliber tongs
E6018		18	26.5						
E10-12	8 A.W.G 10 MM2	12	20.8	7.5	8.8	4.9	4.5	PaV Lvory	10 caliber tongs
E10-18		18	26.8						
E16-12	6 A.W.G 16 MM2	12	22	8.7	10	6.2	5.8	Lvory Green	16 caliber tongs
E16-18		18	28						
E25-12	4 A.W.G 25 MM2	12	24	11	12	7.9	7.5	Black Plam	25 caliber tongs
E25-15		15	27						
E25-16		16	28						
E25-18		18	30						
E25-22		22	34						

A302 PIPE TYPE BEFOREHEAD INSULATING TERMINALS



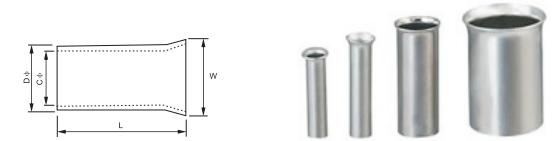
ITEM NO	Wire Scope	Dimension(mm)						Color	impression Tool
		F	L	W	B	D	C		
E35-16	2 A.W.G 35MM2	16	30	12.5	14	8.7	8.3	● Red ● Ivory	35 caliber tongs
E35-18		18	32						
E35-22		22	36						
E35-25		25	39						
E50-12	1/0 A.W.G 50MM2	12	28	15	16	10.9	10.3	● Blue ● Green	50 caliber tongs
E50-20		20	36						
E50-25		25	41						
E70-20	2/0 A.W.G 70MM2	20	37	16	17	14.3	13.5	● Yellow	70 caliber tongs
E70-25		25	42						
E70-27		27	44						
E95-25	3/0 A.W.G 95MM2	25	44	18.5	19	15.3	14.5	● Red	95 caliber tongs
E120-27	4/0 A.W.G 120MM2	27	47.6	20.3	20.6	17.5	16.5	● Blue	120 caliber tongs
E120-32		32	52.6						
E150-25	250/300MCM	25	50.6	23.4	25.6	20.6	19.6	● Yellow	150 caliber tongs
E150-27	A.W.G	27	52.6						
E150-32	150MM2	32	57.6						

A302 BEFOREHAND INSULATING TERMINAL WITH DOUBLE-WIRE INSER



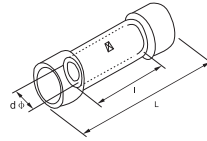
ITEM NO	Size	Dimension(mm)						Color		Specification
		F	L	W	B	D	C	German	France	
TE 0508	2x0.5	8.0	14.5	5.0	6.5	1.8	1.5	● White	● White	Terminal material: red copper Cover: Nylon
TE 7508	2x0.75	8.0	14.7	5.5	6.7	2.1	1.8	● Blue	● Gray	
TE 7510	2x0.75	10.0	16.7	5.5	6.7	2.1	1.8			
TE 1008	2x1.0	8.0	15.1	5.5	7.1	2.3	2.0	● Red	● Red	
TE 1010	2x1.0	10.0	17.1	5.5	7.1	2.3	2.0			
TE 1508	2x1.5	8.0	15.5	6.4	7.2	2.6	2.3	● Black	● Yellow	
TE 1512	2x1.5	12.0	19.5	6.4	7.5	2.6	2.3			
TE 2510	2x2.5	10.0	18.5	8.0	8.5	3.3	2.9	● Gray	● Blue	
TE 2513	2x2.5	13.0	21.5	8.0	8.5	3.3	2.9			
TE 4012	2x4.0	12.0	23.1	8.8	11.1	4.2	3.8	● Orange	● Gray	
TE 6014	2x6.0	14.0	26.1	9.5	12.1	5.3	4.9	● Green	● Yellow	
TE 10-14	2x10.0	14.0	26.6	12.6	12.0	6.9	6.5	● Brown	● Red	
TE 16-14	2x16.0	14.0	31.3	19.0	17.3	8.7	8.3	● White	● Blue	

A302 PIPE TYPE NUDE TERMINAL



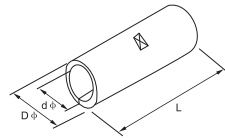
ITEM NO	Dimension(mm)				conductor section (mm²)		Specification
	L	D	C	W	A.W.G	mm²	
EN 0506	6.0	1.3	1	1.7	#22	0.5	Terminal material: red copper tube Insulating material: nylon Max withstand voltage: Ui=300V
EN 0508	8.0						
EN 0510	10.0						
EN 0512	12.0						
EN 7506	6.0	1.5	1.2	1.9	#20	0.75	
EN 7508	8.0						
EN 7510	10.0						
EN 7512	12.0						
EN 1006	6.0	1.7	1.4	2.2	#18	1	
EN 1008	8.0						
EN 1010	10.0						
EN 1012	12.0						
EN 1507	7.0	2.0	1.7	2.5	#16	1.5	
EN 1508	8.0						
EN 1510	10.0						
EN 1512	12.0						
EN 1518	18.0	2.6	2.2	3.3	#14	2.5	
EN 2507	7.0						
EN 2508	8.0						
EN 2510	10.0						
EN 2512	12.0	3.2	2.8	3.9	#12	4	
EN 2518	18.0						
EN 4009	9.0						
EN 4012	12.0	3.9	3.5	4.8	#10	6	
EN 4018	18.0						
EN 6010	10.0						
EN 6012	12.0	4.8	4.5	5.8	#7	10	
EN 6015	15.0						
EN 6018	18.0						
EN 10-12	12.0	6.2	5.8	7.2	#8	16	
EN 10-15	15.0						
EN 10-18	18.0						
EN 16-12	12.0	7.9	7.5	9.1	#4	25	
EN 16-15	15.0						
EN 16-18	18.0						
EN 25-16	16.0	8.7	8.3	10.2	#2	35	
EN 25-22	22.0						
EN 35-16	16.0						
EN 50-12	12.0	10.9	10.3	12.4	#1	50	
EN 50-18	18.0						
EN 35-25	25.0						
EN 50-20	20.0						
EN 50-22	22.0	10.9	10.3	12.4	#1	50	
EN 50-25	25.0						
EN 50-30	30.0						

A302 INSULATED VINYL BUTT CONNECTORS(BV) &PARALLEL CONNECTORS (PVT)



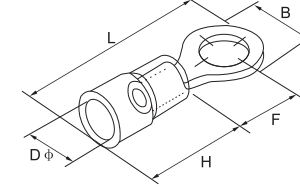
ITEM NO	Conductor Section		Dimension(mm)			Max Current	Color	Specification
	AWG	mm ²	l	d	L			
BV 1.25	22-16	0.5-1.5	15.0	1.7	26.0	19A	Red	Terminal material: red copper Cover: PVC
BV 2	16-14	1.5-2.5	15.0	2.3	26.0	27A	Blue	
BV 5.5	12-10	4-6	15.0	3.4	26.0	48A	Yellow	
BV 8	#8	6-10	21.0	4.5	32.0	62A	Red	
BV 14	#6	10-16	26.0	5.8	42.0	88A	Blue	Terminal material: red copper Cover: PVC
BV 22	#4	16-25	29.0	7.7	50.0	115A	Yellow	
BV 38	#2	35-50	32.0	9.4	55.0	160A	Red	
PVT 1.25	22-16	0.5-1.5	8.0	1.7	16.0	19A	Red	
PVT 2	16-14	1.5-2.5	8.0	2.3	16.0	27A	Blue	
PVT 5.5	12-10	4-6	8.0	3.4	20.5	48A	Yellow	

A302 NON-INSULATED BUTT CONNECTOR



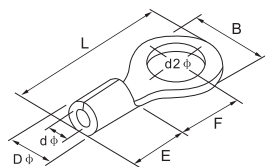
ITEM NO	Conductor Section		Dimension(mm)			Specification
	AWG	mm ²	D	d	L	
BN 1.25	22-16	0.5-1.5	3.3	1.7	15.0	Terminal material: red copper Cover: PVC
BN 2	16-14	1.5-2.5	4.0	2.3	15.0	
BN 3.5	14-12	2.5-4	5.0	3.0	15.0	
BN 5.5	12-10	4-6	5.5	3.4	15.0	
BN 8	#8	10	7.1	4.5	21.0	
BN 14	#6	16	9.0	5.8	26.0	
BN 22	#4	25	11.4	7.7	29.0	
BN 38	#2	35	13.3	9.4	32.0	
BN 60	1/0	50	15.4	11.4	36.0	
BN 70	2/0	70	17.5	13.3	37.0	
BN 80	3/0	95	19.4	14.5	38.0	
BN 100	4/0	120	22.0	16.4	38.0	
BN 150	250-300MCM	150	26.5	19.5	54.0	
BN 180	300-350MCM	185	28.5	21.0	57.0	
BN 200	400MCM	240	32.5	24.0	63.0	
BN 325	500-600MCM	300	37.0	28.0	72.0	

A302 INSULATED RING TERMINALS



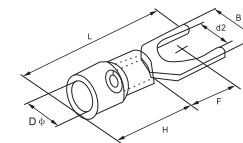
ITEM NO	Bolt No.	Dia of Bolt d2	Dimension(mm)					Color	Specification
			B	L	F	E	D		
RV 1.25-3	#4	3.2	5.7	17.8	4.95	10.0	4.3	Red	Terminal material: red copper conductor section: 0.5-1.5 mm ² (A.W.G: 22-16) Max Current: I max = 19A thickness: 0.7mm
RV 1.25-3.5S	#6	3.7	5.7	17.8	4.95				
RV 1.25-3.5M	#6	3.7	6.6	20.1	6.3				
RV 1.25-3.5L	#6	3.7	7.2	21.5	7.0				
RV 1.25-4S	#8	4.3	6.6	20.1	6.3				
RV 1.25-4L	#8	4.3	8.0	21.5	7.0				
RV 1.25-5S	#10	5.3	8.0	21.5	7.0				
RV 1.25-5L	#10	5.3	9.5	23.0	8.0				
RV 1.25-5LL	#10	5.3	11.6	27.5	11.1				
RV 1.25-6S	1/4	6.5	9.5	23.0	8.0				
RV 1.25-6	1/4	6.5	11.6	27.5	11.1				
RV 1.25-8	5/16	8.5	11.6	27.5	11.1				
RV 1.25-10	3/8	10.5	13.6	31.6	13.9	10.0	4.9	Blue	Terminal material: red copper conductor section: 1.5-2.5mm ² (A.W.G: 16-14) Max Current: I max = 27A thickness: 0.8mm
RV 1.25-10L	3/8	10.5	19.2	35.0	16.0				
RV 1.25-12	1/2	13.0	19.2	35.0	16.0				
RV 2-3	#4	3.2	6.6	17.8	4.3				
RV 2-3.5S	#6	3.7	6.6	17.8	4.3				
RV 2-3.5M	#6	3.7	6.6	21.0	7.0				
RV 2-3.5L	#6	3.7	8.5	22.5	7.75				
RV 2-4S	#8	4.3	6.6	21.0	7.00				
RV 2-4L	#8	4.3	8.5	22.5	7.75				
RV 2-5S	#10	5.3	8.5	22.5	7.75				
RV 2-5L	#10	5.3	9.5	22.5	7.25				
RV 2-6S	1/4	6.5	9.5	22.5	7.25	12.5	6.2	Black	Terminal material: red copper conductor section: 2.5-4 mm ² (A.W.G: 14-12) Max Current: I max = 37A thickness: 1.0mm
RV 2-6	1/4	6.5	12.0	27.6	11.0				
RV 2-8	5/16	8.5	12.0	27.6	11.0				
RV 2-10	3/8	10.5	13.6	30.2	13.9				
RV 2-10L	3/8	10.5	19.3	35.0	16.0				
RV 2-12	1/2	13.0	19.2	35.0	16.0				
RV 3.5-4	#8	4.3	8.0	24.5	7.7				
RV 3.5-5S	#10	5.3	8.0	24.5	7.7				
RV 3.5-5L	#10	5.3	12.0	27.9	7.7				
RV 3.5-6	1/4	6.5	12.0	27.9	7.7				
RV 3.5-8	5/16	8.5	15.0	32.0	13.5				
RV 3.5-10	3/8	10.5	15.0	32.0	13.6	12.5	6.7	Yellow	Terminal material: red copper conductor section: 4-6 mm ² (A.W.G: 12-10) Max Current: I max = 48A, thickness: 1.0mm
RV 3.5-12	1/2	13.0	19.2	38.1	16.0				
RV 5.5-3.5	#6	3.7	7.2	21.4	5.9				
RV 5.5-4S	#8	4.3	7.2	21.4	5.9				
RV 5.5-4L	#8	4.3	9.5	25.5	8.3				
RV 5.5-5	#10	5.3	9.5	25.5	8.3				
RV 5.5-6	1/4	6.5	12.0	31.5	13.0	12.5	6.7	Yellow	Terminal material: red copper conductor section: 4-6 mm ² (A.W.G: 12-10) Max Current: I max = 48A, thickness: 1.0mm
RV 5.5-8	5/16	8.5	15.0	33.7	13.7				
RV 5.5-10	3/8	10.5	15.0	33.7	13.7				
RV 5.5-12	1/2	13.0	19.20	38.1	16.0	12.5	6.7	Yellow	Terminal material: red copper conductor section: 4-6 mm ² (A.W.G: 12-10) Max Current: I max = 48A, thickness: 1.0mm

A302 NON-INSULATED RING TERMINALS



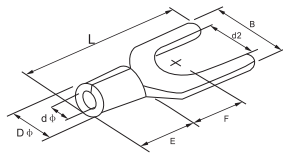
ITEM NO	Bolt No.	Dia of Bolt d2(mm)	Dimension(mm)						Specification
			B	L	F	E	D	d	
RNB 1.25-3	#4	3.2	5.7	12.6	4.95				Terminal material: red copper conductor section: 0.5-1.5 mm ² (A.W.G: 22-16) Max Current: I max = 19A thickness: 0.7mm
RNB 1.25-3.5S	#6	3.7	5.7	12.6	4.95				
RNB 1.25-3.5M	#6	3.7	6.6	14.4	6.3				
RNB 1.25-3.5L	#6	3.7	7.2	15.8	7				
RNB 1.25-4S	#8	4.3	6.6	14.4	6.3				
RNB 1.25-4L	#8	4.3	8.0	15.8	7				
RNB 1.25-5S	#10	5.3	8.0	15.8	7				
RNB 1.25-5L	#10	5.3	9.5	18	8.5	4.8	3.4	1.7	
RNB 1.25-5LL	#10	5.3	11.6	21.8	11.1				
RNB 1.25-6S	1/4	6.5	9.5	18	8.5				
RNB 1.25-6	1/4	6.5	11.6	21.8	11.1				
RNB 1.25-8	5/16	8.5	11.6	21.8	11.1				
RNB 1.25-10	3/8	10.5	13.6	25.5	13.9				Terminal material: red copper conductor section: 1.5-2.5 mm ² (A.W.G: 16-14) Max Current: I max = 27A thickness: 0.8 mm
RNB 1.25-10L	3/8	10.5	19.2	30.4	16				
RNB 1.25-12	1/2	13	19.2	30.4	16				
RNB 2-3	#4	3.2	6.6	12.3	4.3				
RNB 2-3.5S	#6	3.7	6.6	12.3	4.3				
RNB 2-3.5M	#6	3.7	6.6	16	7				
RNB 2-3.5L	#6	3.7	8.5	16.8	7.75				
RNB 2-4S	#8	4.3	6.6	16.8	7				
RNB 2-4L	#8	4.3	8.5	16.8	7.75				
RNB 2-5S	#10	5.3	8.5	16.8	7.75				
RNB 2-5L	#10	5.3	9.5	16.8	7.25				
RNB 2-6S	1/4	6.5	9.5	16.8	7.25				
RNB 2-6	1/4	6.5	12	21.8	11				Terminal material: red copper conductor section: 2.5-4 mm ² (A.W.G: 14-12) Max Current: I max = 37A thickness: 1.0mm
RNB 2-8	5/16	8.5	12	21.8	11				
RNB 2-10	3/8	10.5	13.6	25.5	13.9				
RNB 2-10L	3/8	13	19.2	30.4	16				
RNB 2-12	1/2	13	19.2	30.4	16				
RNB 3.5-4	#8	4.3	8	18	7.7				
RNB 3.5-5S	#10	5.3	8	18	7.7				
RNB 3.5-5L	#10	5.3	12	21.4	7.7				
RNB 3.5-6	1/4	6.5	12	21.4	7.7				
RNB 3.5-8	5/16	8.5	15	27	13.5				
RNB 3.5-0	3/8	10.5	15	27	13.5				
RNB 3.5-12	1/2	10.5	19.2	32.4	16				Terminal material: red copper conductor section: 4-6mm ² (A.W.G: 12-10) Max Current: I max = 48A thickness: 1.0 mm
RNB 5.5-3.5	#6	3.7	7.2	15.7	5.9				
RNB 5.5-4S	#8	4.3	7.2	15.7	5.9				
RNB 5.5-4L	#8	4.3	9.5	19.8	8.3				
RNB 5.5-5	#10	5.3	9.5	19.8	8.3				
RNB 5.5-6	1/4	6.5	12	25.8	13				
RNB 5.5-8	5/16	8.5	15	28	13.7				
RNB 5.5-10	3/8	10.5	15	28	13.7				
RNB 5.5-12	1/2	13	19.2	32.4	16				

A302 INSULATED SPADE TERMINALS



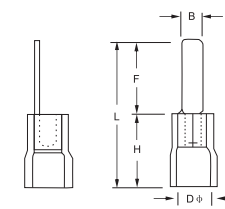
ITEM NO	Bolt No.	Dia of Bolt d2(mm)	Dimension(mm)						Color	Specification
			B	L	F	E	D			
SV 1.25-3	#4	3.2	5.7	21.2	6.5				red	Terminal Material: Red Copper cross section: 0.5~1.5 mm ² AWG 22-16 I Max=19A thickness: 0.7mm
SV 1.25-3.5S	#6	3.7	5.7	21.2	6.5					
SV 1.25-3.5L	#6	3.7	6.4	21.2	6.5					
SV 1.25-4S	#8	4.3	6.4	21.2	6.5					
SV 1.25-4M	#8	4.3	7.2	21.2	6.5					
SV 1.25-4L	#8	4.3	8.1	21.2	6.5	10.0	4.3			
SV 1.25-5S	#10	5.3	8.1	21.2	6.5					
SV 1.25-5L	#10	5.3	9.5	21.2	6.5					
SV 1.25-6S	1/4	6.5	9.5	21.2	6.5					
SV 1.25-6L	1/4	6.5	12.0	27.2	11.0					
SV 1.25-8	5/16	8.5	14.0	29.0	12.5					
SV 2-3	#4	3.2	5.7	21.2	6.5				blue	Terminal Material: Red Copper cross section: 1.5~2.5 mm ² AWG 16-14 I Max=27A thickness: 0.8mm
SV 2-3.5S	#6	3.7	5.7	21.2	6.5					
SV 2-3.5L	#6	3.7	6.4	21.2	6.5					
SV 2-4S	#8	4.3	6.4	21.2	6.5					
SV 2-4M	#8	4.3	7.2	21.2	6.5					
SV 2-4L	#8	4.3	8.1	21.2	6.5	10.0	4.9			
SV 2-5S	#10	5.3	8.1	21.2	6.5					
SV 2-5L	#10	5.3	9.5	21.2	6.5					
SV 2-6S	1/4	6.5	9.5	21.2	6.5					
SV 2-6L	1/4	6.5	12.0	27.2	11.0					
SV 2-8	5/16	8.5	14.0	29.0	12.5					
SV 3.5-3.5	#4	3.7	5.7	24.8	7.0				black	Terminal Material: Red Copper cross section: 2.5~4 mm ² AWG 14-12 I Max=37A thickness: 1.0mm
SV 3.5-4	#8	4.3	8.0	24.8	7.0					
SV 3.5-5S	#10	5.3	8.0	24.8	7.0	12.5	6.2			
SV 3.5-6L	1/4	6.5	12.0	28.0	12.1					
SV 3.5-6S	1/4	6.5	9.0	25.2	7.5					
SV 5.5-3.5	#6	3.7	8.3	25.2	7.5					
SV 5.5-4S	#8	4.3	8.3	25.2	7.5					
SV 5.5-4L	#8	4.3	9.0	25.2	7.5					
SV 5.5-5	#10	5.3	9.0	25.2	7.5	12.5	6.7			
SV 5.5-6S	1/4	6.5	9.0	25.2	7.5					
SV 5.5-6L	1/4	6.5	12.0	31.2	12.0					
SV 5.5-8	5/16	8.5	14.0	30.0	11.5					

A302 NON-INSULATED SPADE TERMINALS



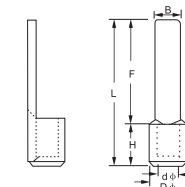
ITEM NO	Bolt No.	Dia of Bolt	Dimension(mm)						Specification
		d2(mm)	B	L	F	E	D	d	
SNB 1.25-3	#4	3.2	5.7	16	6.5	4.8	3.4	1.7	Terminal Material: Red Copper cross section:0.5~1.5 mm ² AWG 22-16 I Max=19A thickness: 0.7mm
SNB 1.25-3.5S	#6	3.7	5.7	16	6.5				
SNB 1.25-3.5L	#6	3.7	6.4	16	6.5				
SNB 1.25-4S	#8	4.3	6.4	16	6.5				
SNB 1.25-4M	#8	4.3	7.2	16	6.5				
SNB 1.25-4L	#8	4.3	8.1	16	6.5				
SNB 1.25-5S	#10	5.3	8.1	16.0	6.5				
SNB 1.25-5L	#10	5.3	9.5	16.0	6.5				
SNB 1.25-6S	1/4	6.5	9.5	16.0	6.5				
SNB 1.25-6L	1/4	6.5	12.0	22.0	11.0				
SNB 1.25-8	5/16	8.5	14.0	23.5	12.5				
SNB 2-3	#4	3.2	5.7	16.0	6.5	4.8	4.1	2.3	Terminal Material: Red Copper cross section:1.5~2.5 mm ² AWG 16-14 I Max=27A thickness: 0.8mm
SNB 2-3.5S	#6	3.7	5.7	16.0	6.5				
SNB 2-3.5L	#6	3.7	6.4	16.0	6.5				
SNB 2-4S	#8	4.3	6.4	16.0	6.5				
SNB 2-4M	#8	4.3	7.2	16.0	6.5				
SNB 2-4L	#8	4.3	8.1	16.0	6.5				
SNB 2-5S	#10	5.3	8.1	16.0	6.5				
SNB 2-5L	#10	5.3	9.5	16.0	6.5				
SNB 2-6S	1/4	6.5	9.5	16.0	6.5				
SNB 2-6L	1/4	6.5	12.0	22.0	11.0				
SNB 2-8	5/16	8.5	14.0	23.5	12.5				
SNB 3.5-3.5	#4	3.7	8.0	18.3	7.0	6.0	5.0	3.0	Terminal Material: Red Copper cross section:2.5~4 mm ² AWG 14-12 I Max=37A thickness: 1.0mm
SNB 3.5-4	#8	4.3	8.0	18.3	7.0				
SNB 3.5-5S	#10	5.3	8.0	18.3	7.0				
SNB 3.5-6S	1/4	6.5	9.0	19.5	7.5				
SNB 3.5-6	1/4	6.5	12.0	21.5	12.1				
SNB 5.5-3.5	#6	3.7	8.3	19.5	7.5	6.8	5.6	3.4	Terminal Material: Red Copper cross section:4~6 mm ² AWG 12-10 I Max=48A thickness: 1.0mm
SNB 5.5-4S	#8	4.3	8.3	19.5	7.5				
SNB 5.5-4L	#8	4.3	9.0	19.5	7.5				
SNB 5.5-5	#10	5.3	9.0	19.5	7.5				
SNB 5.5-6S	1/4	6.5	9.0	19.5	7.5				
SNB 5.5-6L	1/4	6.5	12.0	25.5	12.0				
SNB 5.5-8	5/16	8.5	14.0	24.5	11.5				
SNB 8-4	#8	4.3	8.0	23.0	7.2	8.5	7.2	4.5	I Max = 62A
SNB 8-5	#10	5.3	10.8	23.0	7.2	8.5	7.2	4.5	
SNB 8-6	1/4	6.5	10.8	23.0	7.2	8.5	7.2	4.5	
SNB 8-8	5/16	8.5	14.5	28.0	10.7	8.5	7.2	4.5	
SNB 14-6	1/4	6.5	11.0	28.0	10.7	11	9.0	5.8	I Max = 88A
SNB 14-8	5/16	8.5	14.0	28.0	10.7	11	9.0	5.8	
SNB 22-6	1/4	6.5	14.0	34.5	9.5	12	11.5	7.7	I Max = 115A
SNB 22-8	5/16	8.5	14.0	34.5	13.5	12	11.5	7.7	

A302 INSULATED BLADE TERMINALS



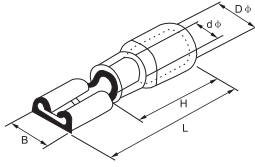
ITEM NO	Dimension(mm)					Color	Specification
	B	L	F	H	D?		
DBV 1.25-10	2.3	20.0	10.0			● Red	Terminal material: red copper conductor section: 0.5-1.5 mm ² (A.W.G: 22-16) Max Current: I max = 19A Thickness: 0.7mm
DBV 1.25-11	3.0	21.0	11.0				
DBV 1.25-14	3.0	24.0	14.0				
DBV 1.25-18	2.2	28.0	18.0				
DBV 2-9	2.4	19.0	9.0			● Blue	Terminal material: red copper conductor section: 1.5-2.5 mm ² (A.W.G: 16-14) Max Current: I max = 27A Thickness: 0.8mm
DBV 2-14S	2.4	24.0	14.0				
DBV 2-14L	3.0	24.0	14.0				
DBV 2-18	2.2	28.0	18.0				
DBV 5.5-10	2.8	22.5	10.0			● Yellow	Terminal material: red copper conductor section: 4-6 mm ² (A.W.G: 12-10) Max Current: I max = 48A Thickness: 1.0mm
DBV 5.5-14	4.5	26.5	14.0				
DBV 5.5-18	4.5	30.5	18.0				
DBV 8-14	6.0	30.5	14.0	15.0	5.6		

A302 NON-INSULATED BLADE TERMINALS



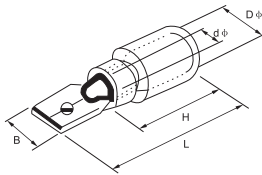
ITEM NO	Dimension(mm)					Specification
	B	L	F	H	D	
DBN 1.25-10	2.3	14.8	10.0			terminal material: red copper conductor section: 0.5-1.5mm ² (A.W.G: 22-16) Max current: I max= 19A thickness:0.7mm
DBN 1.25-11	3.0	15.8	11.0			
DBN 1.25-14	3.0	18.8	14.0			
DBN 1.25-18	2.2	22.8	18.0			
DBN 2-9	2.8	13.8	9.0			terminal material: red copper conductor section: 1.5-2.5mm ² (A.W.G: 16-14) Max current: I max= 27A thickness:0.8mm
DBN 2-14S	2.4	18.8	14.0			
DBN 2-14L	3.0	18.8	14.0			
DBN 2-18	2.2	22.8	18.0			
DBN 5.5-10	2.8	14.8	10.0			terminal material: red copper conductor section: 4-6mm ² (A.W.G: 12-10) Max current: I max= 48A thickness:1.0mm
DBN 5.5-14	4.5	21.0	14.0			
DBN 5.5-18	4.5	23.0	18.0			
DBN 8-14	6.0	22.5	14.0	8.5	7.2	
DBN 14-16	6.0	27.0	16.0	11.0	9.0	Max current: I max= 88A thickness:1.5mm
DBN 22-17	7.0	29.0	17.0	12.0	11.5	Max current: I max= 115A thickness:1.7mm

A302 INSULATED FEMALE DISCONNECTORS



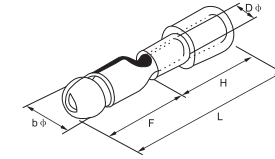
ITEM NO	Name Tab(mm)	Material Thickness	Dimension(mm)					Color	Specification
			B	D	d	L	H		
FDD 1.25-110(5)	0.5x2.8	0.3	3.8	3.8	1.7	19.0		● Red	Terminal material: red copper conductor section: 0.5-1.5 mm ² (A.W.G: 22-16) Max Current: I max = 19A
FDD 1.25-110(8)	0.8x2.8	0.3	3.8	3.8	1.7	19.0			
FDD 1.25-187(5)	0.5x4.75	0.35	5.6	3.8	1.7	19.0			
FDD 1.25-187(8)	0.8x4.75	0.35	5.6	3.8	1.7	19.0			
FDD 1.25-205	0.5x5.2	0.35	6.5	3.8	1.7	20.0			
FDD 1.25-250	0.8x6.35	0.4	7.4	3.8	1.7	21.0		● Blue	Terminal material: red copper conductor section: 1.5-2.5 mm ² (A.W.G: 16-14) Max Current: I max = 15A
FDD 2-110(5)	0.5x2.8	0.3	3.8	4.3	2.3	19.0			
FDD 2-110(8)	0.8x2.8	0.3	3.8	4.3	2.3	19.0			
FDD 2-187(5)	0.5x4.75	0.35	5.6	4.3	2.3	19.0			
FDD 2-187(8)	0.8x4.75	0.35	5.6	4.3	2.3	19.0			
FDD 2-205	0.5x5.2	0.35	6.5	4.3	2.3	20.0			
FDD 2-250	0.8x6.35	0.4	7.4	4.3	2.3	21.0			
FDD 2-312	0.8x8.0	0.4	9.0	4.3	2.3	23.0		● Yellow	Terminal material: red copper conductor section: 4-6 mm ² (A.W.G: 12-10) Max Current: I max = 25A
FDD 5.5-187	0.5x4.75	0.4	5.6	3.4	5.7	23.0	14.0		
FDD 5.5-250	0.8x6.35	0.4	7.4	3.4	5.7	25.0			
FDD 5.5-312	0.8x8.0	0.5	9.0	3.4	5.7	27			
FDD 5.5-375	1.2x9.4	0.5	10.9	3.4	5.7	29.6			

A302 FULLLY VINYL INSULATED DISCONNECTS



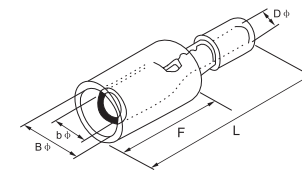
ITEM NO	Name Tab (mm)	material thickness	Dimension(mm)					Color	Specification
			B	d	D	L	H		
MDD 1.25-110(5)	0.5x2.8	0.5	2.8	1.7	4.3	17.7	10	● red	terminal head material: brass insulating material: Nylon I max=10A
MDD 1.25-110(8)	0.8x2.8	0.8	2.8	1.7	4.3	17.7	10		
MDD 1.25-187(5)	0.5x4.75	0.5	4.75	1.7	4.3	20	10		
MDD 1.25-187(8)	0.8x4.75	0.8	4.75	1.7	4.3	20	10		
MDD 1.25-250	0.8x6.35	0.4x2	6.35	1.7	4.3	21	10		
MDD 2-110(5)	0.5x2.8	0.5	2.8	2.3	4.3	17.7	10	● blue	terminal head material: brass insulating material: Nylon I max=15A
MDD 2-110(8)	0.8x2.8	0.8	2.8	2.3	4.3	17.7	10		
MDD 2-187(5)	0.5x4.75	0.5	4.75	2.3	4.3	20	10		
MDD 2-187(8)	0.8x4.75	0.8	4.75	2.3	4.3	20	10		
MDD 2-250	0.8x6.35	0.4x2	6.35	2.3	4.3	21	10		
MDD 5.5-187	0.5x4.75	0.5	4.75	3.4	5.7	23	13	● yellow	terminal head material: brass insulating material: Nylon I max=24A
MDD 5.5-250	0.8x6.35	0.4x2	6.35	3.4	5.7	25	13		

A302 INSULATED MALE BUTTET DISCONNECTS



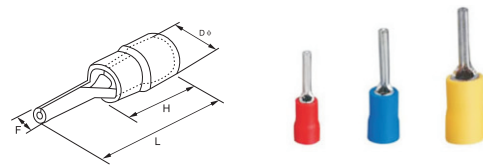
ITEM NO	Thickness	Dimension(mm)					Color	Specification
		d	F	D	H	L		
MPD 1.25-156	0.4	4	11	1.7	10	21	● red	Terminal: Brass Copper conductor: 0.5-1.5mm ² (A.W.G 22-16) I Max = 10A
MPD 2-156	0.4	4	11	2.3	10	21	● Blue	Terminal: Brass Copper conductor: 1.5-2.5mm ² (A.W.G 16-14) I Max = 15A
MPD 2-195	0.4	5	11	2.3	10	21		
MPD 5.5-195	0.4	5	12	4.3	13	25	● Yellow	Terminal: Brass Copper conductor: 4-6mm ² (A.W.G 12-10) I Max = 24A

A302 INSULATED RECEPTACLE DISCONNECTS



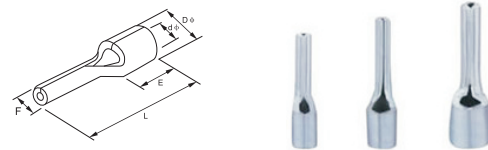
ITEM NO	Thickness	Dimension(mm)					Color	Specification
		d	F	D	H	L		
FRD 1.25-156	0.4	4	6.3	1.7	13	24.5	● red	Terminal: Brass Copper conductor: 0.5-1.5mm ² (A.W.G 22-16) I Max = 10A
FRD 2-156	0.4	4	6.3	2.3	14	24.5	● Blue	Terminal: Brass Copper conductor: 1.5-2.5mm ²
FRD 2-195	0.4	5	7	2.3	14	25.5		
FRD 5.5-195	0.4	5	7	3.4	14	29.5	● Yellow	Terminal: Brass Copper conductor: 4-6mm ² (A.W.G 12-10) I Max = 24A

A302 INSULATED PIN TERMINALS



ITEM NO	Dimension(mm)				Color	Specification
	F	L	H	D		
PTV 1.25-9	1.9	19.0	10.0	4.3	Red	conductor section: 0.5-1.5 mm ² (A.W.G: 22-16) Max Current: I max = 19A Thickness: 0.7mm
PTV 1.25-10	1.9	20.0				
PTV 1.25-12	1.9	22.0				
PTV 1.25-13	1.9	23.0				
PTV 1.25-18	1.9	28.0	10.0	4.9	Blue	conductor section: 1.5-2.5 mm ² (A.W.G: 16-14) Max Current: I max = 27A Thickness: 0.8mm
PTV 2-9	1.9	19.0				
PTV 2-10	1.9	20.0				
PTV 2-12	1.9	22.0				
PTV 2-13	1.9	23.0	13.0	6.7	Yellow	conductor section: 1.5-2.5 mm ² (A.W.G: 16-14) Max Current: I max = 15A, Thickness: 0.8mm
PTV 2-18	1.9	28.0				
PTV 5.5-13	2.8	25.5				
PTV 5.5-18	2.8	30.0				

A302 NON-INSULATED BUTT CONNECTORS

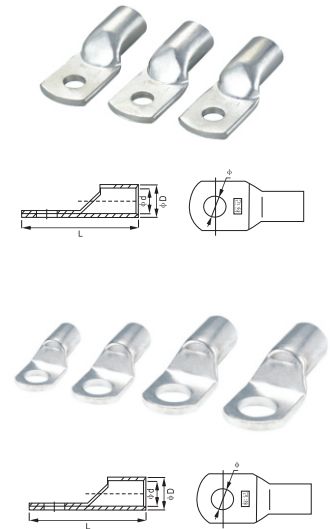


ITEM NO	Dimension(mm)					Specification
	F	L	E	D	D	
PTN 1.25-9	1.9	13.8	4.8	3.4	1.7	Terminal material: red copper conductor section: 0.5-1.5 mm ² (A.W.G: 22-16) Max Current: I max = 19A thickness: 0.7mm
PTN 1.25-10	1.9	14.8				
PTN 1.25-12	1.9	16.8				
PTN 1.25-13	1.9	17.8				
PTN 1.25-18	1.9	22.8	4.8	4.1	2.3	Terminal material: red copper conductor section: 1.5-2.5 mm ² (A.W.G: 16-14) Max Current: I max = 27A thickness: 0.8 mm
PTN 2-9	1.9	13.8				
PTN 2-10	1.9	14.8				
PTN 2-12	1.9	16.8				
PTN 2-13	1.9	17.8	6	5	3	Terminal material: red copper conductor section: 2.5-4 mm ² (A.W.G: 14-12) Max Current: I max = 37A thickness: 1.0mm
PTN 2-18	1.9	22.8				
PTN 3.5-10	1.9	14.8				
PTN 3.5-13	1.9	19.8				
PTN 5.5-13	2.8	19.8	6	5.6	3.4	Terminal material: red copper conductor section: 4-6mm ² (A.W.G: 12-10) Max Current: I max = 48A thickness: 1.0 mm
PTN 5.5-18	2.8	24.8				

A303 CABLE LUG JGA, JGK

JGA,JGK terminals are suitable for the connection of copper conductor section from 1.5 to 1000sqmm. in power cable with electronic equipment, terminals are made of with 99.9% pure copper tube T2 and with Tinned coating. Working temperature:-55°C to 150°C.

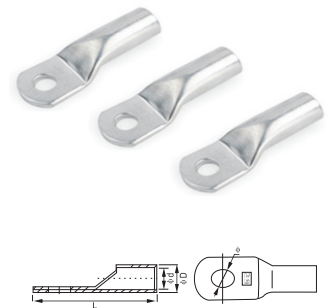
Type JGA	Type JGK	Ø	D	d	L
JGA-1.5	JGK-1.5	Ø4.2,Ø5.2	3.5	1.8	18
JGA-2.5	JGK-2.5	Ø4.2,Ø5.2,Ø6.2	4	2.5	19
JGA-4	JGK-4	Ø5.2,Ø6.2	4.8	3.1	21
JGA-6	JGK-6	Ø5.2,Ø6.2,Ø8.2	5.5	3.8	24
JGA-10	JGK-10	Ø6.2,Ø8.2	6.8	4.8	25.5
JGA-16	JGK-16	Ø6.2,Ø8.2,Ø10.5	7.5	5.5	30.5
JGA-25	JGK-25	Ø6.2,Ø8.2,Ø10.5	9	7	34
JGA-35	JGK-35	Ø6.2,Ø8.2,Ø10.5,Ø12.5	10.5	8.2	38
JGA-50	JGK-50	Ø8.2,Ø10.5,Ø12.5	12.5	9.8	45
JGA-70	JGK-70	Ø8.2,Ø10.5,Ø12.5	14.5	11.5	50
JGA-95	JGK-95	Ø10.5,Ø12.5	17.5	13.8	55.5
JGA-120	JGK-120	Ø10.5,Ø16.5	19.5	15.5	63
JGA-150	JGK-150	Ø12.5,Ø16.5	21	16.5	71
JGA-185	JGK-185	Ø16.5	23.5	18.8	78
JGA-240	JGK-240	Ø16.5	26.5	21	92
JGA-300	JGK-300	Ø16.5,Ø20.5	30	24	102
JGA-400	JGK-400	Ø16.5,Ø20.5	34	26.5	113
JGA-500	JGK-500	Ø16.5,Ø20.5	38	30	123
JGA-630	JGK-630	Ø20.5	45	35	135
JGA-800	JGK-800	Ø22.5	50	39	170
JGA-1000	JGK-1000	Ø22.5	56	44	200



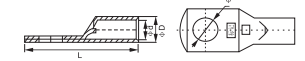
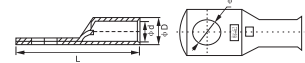
A303 CABLE LUG AUS

AUS terminals are suitable for the connection of copper conductor section from 1.5 to 1000sqmm. in power cable with electronic equipment, terminals are made of with 99.9% pure copper tube T2 and with Tinned coating. Working temperature:-55C to 150 C

Type	Ø	D	d	L
AUS-6	Ø5.2,Ø6.2,Ø8.2	5.5	3.8	31.5
AUS-10	Ø6.2, Ø8.2	6	4.5	34.5
AUS-16	Ø6.2, Ø8.2, Ø10.5	8.5	5.5	43.5
AUS-25	Ø6.2, Ø8.2, Ø10.5	10	7	48
AUS-35	Ø6.2, Ø8.2, Ø10.5, Ø12.5	12.5	8.2	52
AUS-50	Ø8.2, Ø10.5, Ø12.5	14.5	10	64
AUS-70	Ø8.2, Ø10.5, Ø12.5	16.5	11.5	68
AUS-95	Ø10.5, Ø12.5	19	13.5	78
AUS-120	Ø12.5, Ø16.5	21	15.5	86
AUS-150	Ø12.5, Ø16.5	23.5	17	94
AUS-185	Ø16.5	25.5	19	101
AUS-240	Ø16.5	29	21.5	111
AUS-300	Ø16.5, Ø20.5	32	24.5	119
AUS-400	Ø16.5, Ø20.5	38.5	27.5	140
AUS-500	Ø16.5, Ø20.5	42	31	150
AUS-630	Ø20.5	44	34.5	160
AUS-800	Ø22.5	52	40	195
AUS-1000	Ø22.5	58	44	195



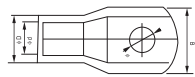
A303 CABLE LUG JGB, JGY



JGB, JGY terminals are suitable for the connection of copper conductor section from 1.5 to 1000sqmm. in power cable with electronic equipment. terminals are made of with 99.9% pure copper tube T2 and with Tinned coating. Working temperature: -55°C to 150°C

TYPE JGB	TYPE JGY	Ø	D	d	L
JGB-1.5	JGY-1.5	Ø4.2, Ø5.2	3.5	1.8	18
JGB-2.5	JGY-2.5	Ø4.2, Ø5.2, Ø6.2	4	2.5	19
JGB-4	JGY-4	Ø5.2, Ø6.2	4.8	3.1	21
JGB-6	JGY-6	Ø5.2, Ø6.2, Ø8.2	5.5	3.8	24
JGB-10	JGY-10	Ø6.2, Ø8.2	6.8	4.8	25.5
JGB-16	JGY-16	Ø6.2, Ø8.2, Ø10.5	7.5	5.5	30.5
JGB-25	JGY-25	Ø6.2, Ø8.2, Ø10.5	9	7	34
JGB-35	JGY-35	Ø6.2, Ø8.2, Ø10.5, Ø12.5	10.5	8.2	38
JGB-50	JGY-50	Ø8.2, Ø10.5, Ø12.5	12.5	9.8	45
JGB-70	JGY-70	Ø8.2, Ø10.5, Ø12.5	14.5	11.5	50
JGB-95	JGY-95	Ø10.5, Ø12.5	17.5	13.8	55.5
JGB-120	JGY-120	Ø10.5, Ø16.5	19.5	15.5	63
JGB-150	JGY-150	Ø12.5, Ø16.5	21	16.5	71
JGB-185	JGY-185	Ø16.5	23.5	18.8	78
JGB-240	JGY-240	Ø16.5	26.5	21	92
JGB-300	JGY-300	Ø16.5, Ø20.5	30	24	102
JGB-400	JGY-400	Ø16.5, Ø20.5	34	26.5	113
JGB-500	JGY-500	Ø16.5, Ø20.5	38	30	123
JGB-630	JGY-630	Ø20.5	45	35	135
JGB-800	JGY-800	Ø22.5	50	39	170
JGB-1000	JGY-1000	Ø22.5	56	44	200

A303 COPPER MALE DISCONNECTORS

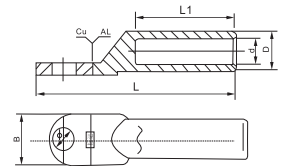


ITEM NO.	Dia of Bolt		Dimension(mm)			Conductor Section	Specification
	d2	d	D	L1	L		
SC 1.5-5	5.2	1.8	3.7	5	16	1.5	DTGA type copper tube terminals material: T2, Tube
SC 2.5-4	4.2	2.4	4	7	18	2.5	
SC 2.5-5	5.2				20		
SC 4-5	5.2	3.1	4.8	7	20	4	
SC 4-6	6.5						
SC 6-5	5.2	3.8	5.5	9	24	6	
SC 6-6	6.5						
SC 10-6	6.5	5	6.5	9	26	10	
SC 10-8	8.4						
SC 16-6	6.5	5.7	7.5	11	30	16	
SC 16-8	8.4						
SC 25-6	6.5	7.2	9	13	35	25	
SC 25-8	8.4						
SC 35-8	8.4	8.5	10.8	13.5	38	35	
SC 35-10	10.5						
SC 50-8	8.4	9.5	12.5	16	44	50	
SC 50-10	10.5						
SC 70-10	10.5	11.5	14.5	18	51	70	
SC 70-12	13						
SC 95-10	10.5	13.7	17	22	57	95	
SC 95-12	13						
SC 120-12	13	15	19	24	61	120	
SC 120-16	17						
SC 150-12	13	16.7	21	26	71	150	
SC 150-16	17	18.5	23	30	79	185	
SC 185-16	17	21	26	38	93	240	
SC 240-16	17						
SC 240-20	21	24.5	30	42	103	300	
SC 300-16	17						
SC 300-20	21						
SC 400-16	17	27	34	42	113	400	
SC 400-20	21						
SC 500-16	17	30	38	48	123	500	
SC 500-20	21						

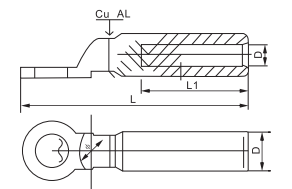
A303 CABLE LUG DTL

DTL series of copper-aluminum wiring terminals are suitable for transition of the circular aluminum wires, hemicycle-sector aluminum wire, power supply cable in the distribuion equipment and copper terminals of the electrical equipment. The material of aluminum and copper made of L3 and T2.

ITEM NO	Dimension (mm)					
	φ	D	d	L	L1	B
DTL1-10	8.5	10	6	68	28.0	16.0
DTL1-16	8.5	11	6	70	30.0	16.0
DTL1-25	8.5	12	7	75	34.0	18.0
DTL1-35	10.5	14	8.5	85	38.0	20.5
DTL1-50	10.5	16	9.8	90	40.0	23.0
DTL1-70	12.5	18	11.5	102	48.0	26.0
DTL1-95	12.5	21	13.5	112	50.0	28.0
DTL1-120	14.5	23	15	120	53.0	30.0
DTL1-150	14.5	25	16.5	126	56.0	34.0
DTL1-185	16.5	27	18.5	133	58.0	37.0
DTL1-240	16.5	30	21	140	60.0	40.0
DTL1-300	21.0	34	23.5	160	65.0	50.0

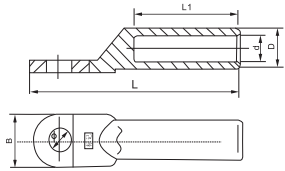


ITEM NO	Dimension (mm)				
	φ	D	d	L	L1
DTL2-10	13	16	5.5	87	42.0
DTL2-16	13	16	6.5	87	42.0
DTL2-25	13	16	8	87	42.0
DTL2-35	13	16	9	87	42.0
DTL2-50	13	20	11	87	43.0
DTL2-70	13	20	12.5	87	43.0
DTL2-95	13	20	13.5	87	43.0
DTL2-120	13	25	15.5	111	60.0
DTL2-150	13	25	17.5	111	60.0
DTL2-185	13	32	19.5	116	60.0
DTL2-240	13	32	22.5	116	60.0
DTL2-300	13	34	23.5	120	62.0



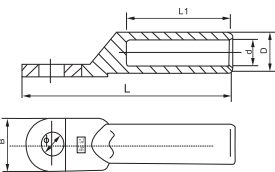
A303 CABLE LUG DT, DL

A



Connecting terminals are suitable for the wire indistribution equipment and the electrical equipment. DL series are made by L3 aluminum bar. DT series are made of by T2 copper bar.

Type	Ø	D	d	L	L1	B
DT-10	8.5	9	5.3	62	28	16
DT-16	8.5	10	6.5	68	30	16
DT-25	8.5	11	7	70	33	18
DT-35	10.5	12	8.58	80	36	20.5
DT-50	10.5	14	9.5	85	38	23
DT-70	12.5	16	11.5	95	43	26
DT-95	12.5	18	13.5	104	46	28
DT-120	14.5	20	15	112	49	30
DT-150	14.5	22	16.5	120	51	34
DT-185	16.5	25	18.5	125	55	37
DT-240	16.5	27	21	136	60	40
DT-300	18	31	23.5	155	66	50
DT-400	21	34	26.5	170	75	50
DT-500	21	38	29	190	75	60
DT-630	21	45	35	220	85	80
DT-800	21	50	38	260	85	100



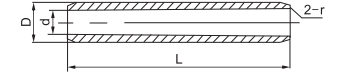
Type	Ø	D	d	L	L1
DL-10	8.5	9	6	68	28
DL-16	8.5	10	6	70	30
DL-25	8.5	12	7	75	34
DL-35	10.5	14	8.5	85	38
DL-50	10.5	16	9.8	90	40
DL-70	12.5	18	11.5	102	48
DL-95	12.5	21	13.5	112	51
DL-120	14.5	23	15	120	53
DL-150	14.5	25	16.5	126	56
DL-185	16.5	27	18.5	133	58
DL-240	16.5	30	21	140	60
DL-300	18	34	24	160	65
DL-400	21	38	26	170	70
DL-500	21	47	29	190	75
DL-630	21	54	35	220	85
DL-800	21	60	38	250	100

A303 CABLE LUG GT, GL

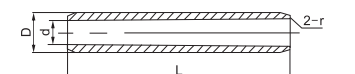
A

GT series hole-passing connection tube is made of T2 copper tube.
GL series hole-passing connection tube is made of L3 aluminum tube.

TYPE	D	d	L
GT-1-10	8	5	52
GT-1-16	9	6	56
GT-1-25	10	7	60
GT-1-35	11	8	64
GT-1-50	13	10	72
GT-1-70	16	12	78
GT-1-95	18	13	85
GT-1-120	20	15	90
GT-1-150	23	17	100
GT-1-185	25	19	105
GT-1-240	27	21	110
GT-1-300	31	24	130
GT-1-400	34	26	150
GT-1-500	38	30	170
GT-1-630	45	35	190

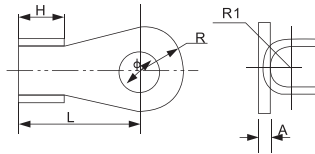


TYPE	D	d	L
GL-1-10	9	5	52
GL-1-16	10	6	56
GL-1-25	11	7	62
GL-1-35	12	8	67
GL-1-50	15	10	76
GL-1-70	17	11	87
GL-1-95	19	13	92
GL-1-120	21	15	98
GL-1-150	23	17	108
GL-1-185	25	19	114
GL-1-240	28	21	118
GL-1-300	34	24	135



A303 CABLE EYE OT, CABLE LUG GTL

A

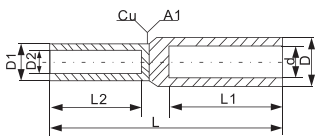


Suitable for the connection of copper conductors in distribution equipment. These products are applicable connect the circular wire and hemicycle-sertor wire in distribution equipment or power supply cables, GTL series connecting tube is made of friction-welding craft, both top quality.

OT Copper open connecting nose/gt-1

Type	φ	H	L	R	R1	A
OT-10A	5.2	6	14.5	4.5	2	0.8
OT-20A	6.2	7	17	5.5	2.5	1
OT-30A	6.2	8.2	19	5.8	3.2	1.2
OT-40A	6.2	9	19.5	6.2	3.5	1.2
OT-50A	6.2	9	21.5	6.5	3.5	1.2
OT-60A	8.2	10	23	7.8	4	1.4
OT-80A	8.2	11	25	8	4.5	1.5
OT-100A	8.2	12	29	8.5	5	1.5
OT-150A	10.2	12	31	9	5.5	1.6
OT-200A	10.2	14	33	10	6	1.7
OT-250A	10.2	15.5	36	10.5	6.5	2
OT-300A	12.2	16	40	11.5	7	2
OT-400A	12.2	18	43	13	8	2.2
OT-500A	14.2	20	46	14.5	8.5	2.4
OT-600A	16.2	22	50.5	16	10.5	2.8
OT-800A	18.2	26	61	17.5	12.5	3.2
OT-1000A	18.2	33	66	20.5	15.5	3.8

GTL Connecting tube (oil seal)



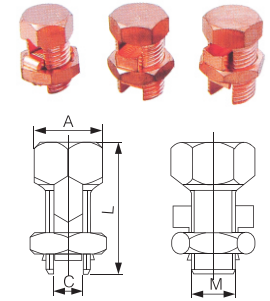
Type	D	d	D1	L1	L2	L
GTL-16	10	6	9	30	30	70
GTL-25	12	7	10	33	30	75
GTL-35	14	8.5	11	40	30	85
GTL-50	16	9.8	12	42	32	95
GTL-70	18	11.5	15	50	38	105
GTL-95	21	13.5	17	50	40	110
GTL-120	23	15	19	55	42	112
GTL-150	25	17	21	55	44	118
GTL-185	27	18.5	23	60	46	125
GTL-240	30	21	26	60	54	130
GTL-300	34	23	28	65	56	145
GTL-400	38	27	30	70	60	155
GTL-500	43	29	34	75	65	165

A303 CABLE FITTINGS

Imported T/J Copper Bolt Connectors

It is suitable for the sequence and transportation of all kinds of conductor in electric netting, made of copper, brass, and copper plating.

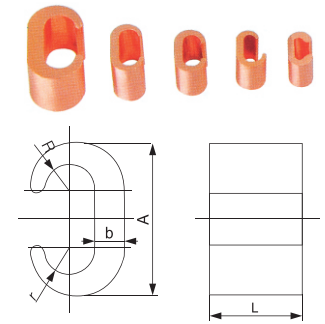
Type	Dimensions(mm)			
	L	M	C	A
T/J-16	20	M17×2.5	6	18
T/J-25	27	M19×2.5	7	20
T/J-35	35	M21×2.5	7	22
T/J-50~70	42	M23×2.5	11	24
T/J-95~120	45	M25×2.5	14	26
T/J-150~185	60	M29×2.5	17	30
T/J-210~240	72	M31×2.5	20	32



CCA Copper Connection Clamp

Type	Suitable section of conductor (mm ²)	Dimensions(mm)					
		A	L	b	R	r	
CCA-1	16~16	22	12	25	3	3	
CCA-2	16~25 16~35	20	22	3	4	3	
CCA-3	25~25 25~35 35~35	24.7	22	4	4	3.5	
CCA-4	16~50 25~50 ~35~50	27.8	23	6	5	4	
CCA-5	16~70 25~70 37~70	26.7	24	4	5.5	4	
CCA-6	25~95 35~95	31	25	5	6.5	4	
CCA-7	50~50 50~70	34	24	8	5.5	5	
CCA-8	70~70	34	25	7	5.5	5.5	
CCA-9	70~95 95~95	37.4	29.5	9	6.5	6.5	
CCA-10	70~150 95~150 70~185 95~185	46	30.5	7.5	9	6.5	
CCA-11	95~20 120~120	42.6	29	7	7.5	7.5	
CCA-12	150~150 185~185	54	32.5	9.8	9	9	

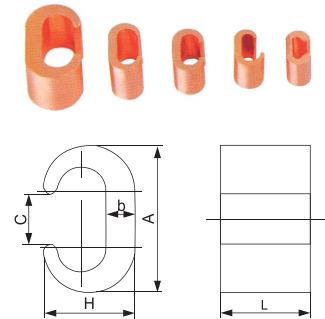
Made of copper(type C)



CCT Copper Connection Clamp

Type	Suitable section of conductor (mm ²)	Dimensions(mm)					
		A	H	L	b	C	
CCT-10	75~14	9.5	6.2	12	1.6	4	
CCT-16	14.5~16	11.8	7.8	13	2	5	
CCT-20	16.5~20	12.8	9.7	13	2.9	5.4	
CCT-26	21~26	14.7	10.9	16	3.2	6.5	
CCT-44	27~44	19	14.4	20	4	8.5	
CCT-60	45~60	21	15.1	22	4	9.7	
CCT-76	61~76	24.4	17.6	22	5	10.8	
CCT-98	77~98	27.8	18.8	25	5	12.8	
CCT-122	99~122	29.8	21.2	26	5.5	13.5	
CCT-154	123~154	34	24.4	28	6	17	
CCT-190	155~190	37	25.4	35	6	17.4	
CCT-240	191~240	4.0	28.5	40	7	19	
CCT-288	141~288	44.5	31.1	45	7	22.3	
CCT-365	289~365	47.5	34	50	7	24.8	
CCT-450	366~450	57	41	60	10	28	
CCT-560	451~560	62	45	65	11	31	
CCT-700	561~700	68	49.5	70	12	34	

Made of copper(type C)



A400 ELECTRICAL PVC TAPE



Specifications

PVC Tape:

- 1.Eight colors available
- 2.High insulation, Cold resistance
- 3.High voltage, moisture resistance
- 4.CE UL SGS

Usage:

- 1.Electrical tape is widely used in automobile harness, wrapping of wires, insulation protection.
- 2.It is the main insulating material of automobile, household electrical equipments, refrigerator, and electronic apparatus.

Physical parameter

Code	Grade	thickness mm	Backing	Adhesive	Tensile strength N/cm	temperature resistance (°C)	Breakdown voltage (KV)	Elongator %	180° peel force N/cm
pvcA10	Grade A (Pipe wrap tape)	0.1	PVC	Rubber	14	80	4.5	80	1.5
pvcA11		0.11	PVC	Rubber	15	80	5.5	160	1.5
pvcA13		0.13	PVC	Rubber	17	80	5.5	160	1.6
pvcA15		0.15	PVC	Rubber	20	80	6.5	180	1.6
pvcA165		0.165	PVC	Rubber	22	80	6.5	180	1.8
pvcA18		0.18	PVC	Rubber	26	80	8	180	1.8
pvcA19		0.19	PVC	Rubber	28	80	8	200	1.8
pvcA20		0.20	PVC	Rubber	28	80	9	200	1.8

A405 HEAT SHRINKABLE FINGER TUBE



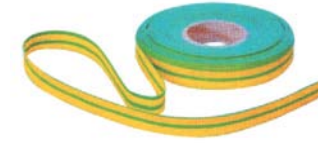
Apply to the end seal of the power cable, communication cable before using, in order to make the cables waterproof.

Apply to the branch seal of the power cable, in order to make the cable waterproof and provide mechanical protection.

Type	Size	Inner dimension body side(mm) before/after	Inner dimension finger side(mm) before/after	Cable section size (mm²)
2 core anti breakouts	CTZ-2.0	33/12	10/3.5	10-16
	CTZ-2.1	48/19	15/5	25-50
	CTZ-2.2	65/23	23/8.5	70-120
	CTZ-2.3	98/42	43/14	150-240
3 core anti breakouts	CTZ-3.0	50/16	24/7	10-16
	CTZ-3.1	70/23	38/10	25-50
	CTZ-3.2	86/45	38/14	70-120
	CTZ-3.3	102/60	48/18	150-240
3 core anti breakouts	CTZ-3.4	120/70	65/25	300-500
	CTZ-4.0	37/22	11/5	10-16
	CTZ-4.1	53/26	16/5.8	25-50
	CTZ-4.2	62/33	26/7.5	70-120
4 core anti breakouts	CTZ-4.3	74/42	32/11	150-240
	CTZ-5.0	45/20	11/3	10-16
	CTZ-5.1	59/30	16/5	25-50
	CTZ-5.2	84/39	26/9	70-120
	CTZ-5.3	100/46	36/11	150-240

A406 HEAT SHRINKABLE TUBES (PE/PVC)

1KV PE/PVC heat-shrinkable tubes

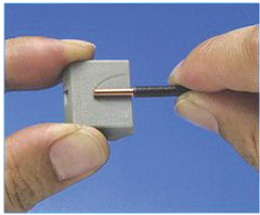


1KV Yellow-green dual-color tube (SDRSG)



Specification	I. D of after recovered (mm)	The thickness of wall after recovery (± 0.05)	L.D of before recovered (mm)	Length for one coil (m)
1.0/0.5	0.5-0.1	0.4	> 1.0	200
1.5/0.75	0.75-0.1	0.4	> 1.5	200
2.0/1.0	1.0-0.1	0.45	> 2.0	200
2.5/1.25	1.25-0.1	0.45	> 2.5	200
3.0/1.5	1.5-0.1	0.45	> 3.0	200
3.5/1.75	1.75-0.1	0.45	> 3.5	200
4.0/2.0	2.0-0.1	0.45	> 4.0	200
5.0/2.5	2.5-0.2	0.50	> 5.0	100
6.0/3.0	3.0-0.2	0.50	> 6.0	100
7.0/3.5	3.5-0.2	0.55	> 7.0	100
8.0/4.0	4.0-0.2	0.55	> 8.0	100
9.0/4.5	4.5-0.2	0.55	> 9.0	100
10.0/5.0	5.0-0.2	0.55	> 10.0	100
11.0/5.5	5.5-0.2	0.60	> 11.0	100
12.0/6.0	6.0-0.3	0.60	> 12.0	100
13.0/6.5	6.5-0.3	0.60	> 13.0	100
14.0/7.0	7.0-0.3	0.60	> 14.0	100
15.0/7.5	7.5-0.3	0.65	> 15.0	100
16.0/8.0	8.0-0.4	0.65	> 16.0	100
17.0/8.5	8.5-0.4	0.70	> 17.0	100
18.0/9.0	9.0-0.4	0.80	> 18.0	100
20.0/10.0	10.0-0.5	0.90	> 20.0	50
22.0/11.0	11.0-0.5	0.90	> 22.0	50
25.0/12.5	12.5-0.5	0.90	> 25.0	50
28.0/14.0	14.0-0.7	0.90	> 28.0	50
30.0/15.0	15.0-0.7	1.00	> 30.0	25
35.0/17.5	16.0±0.8	1.00	> 35.0	25
40.0/20.0	20±1.0	1.00	> 40.0	25
50.0/25.0	25-1.0	1.00	> 50.0	25
60/30	30-1.0	1.0	> 60.0	25
70/35	35-1.0	1.0	> 70.0	25
80/40	40-1.0	1.10	> 80.0	25
90/45	45-1.5	1.20	> 90.0	25
100/50	50-1.5	1.20	> 100.0	25
120/60	60-2.0	1.20	> 120.0	25
150/75	75-2.0	1.30	> 150.0	25
180/90	90-2.0	1.30	> 180.0	25

A500 PUSH-IN WIRE CONNECTOR



Strip solid wire 11 mm/0.45 inch.
Strip length is built on connector.

**Specification:**

Material: PA66, UL 94 V2.

Current: 24A(VDE).

Voltage: 600V.

Working Temp: 110°C.

Wire Range: #12-22 AWG Solid conductor

Stripping Length: 11mm(0.43 inch).

Color:

Certification: UL, cUL, CEBEC, KEMA-KEUR, VDE, Fimko, CE

CE	UL	UL LISTED	KEMA	CEBEC	Model	Color	mm ²	Poles	Pcs/Bag	Pcs/Ctn.
					XY-252	Red	2.5	2	500	5000

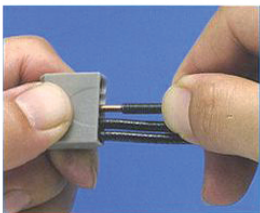
CE	UL	UL LISTED	KEMA	CEBEC	Model	Color	mm ²	Poles	Pcs/Bag	Pcs/Ctn.
					XY-253	Orange	2.5	3	500	5000

CE	UL	UL LISTED	KEMA	CEBEC	Model	Color	mm ²	Poles	Pcs/Bag	Pcs/Ctn.
					XY-254	Yellow	2.5	4	500	5000

CE	UL	UL LISTED	KEMA	CEBEC	Model	Color	mm ²	Poles	Pcs/Bag	Pcs/Ctn.
					XY-255	Gray	2.5	5	500	5000

CE	UL	UL LISTED	KEMA	CEBEC	Model	Color	mm ²	Poles	Pcs/Bag	Pcs/Ctn.
					XY-258	Black	2.5	8	250	2500

Use a voltage tester to test your connection via slot.



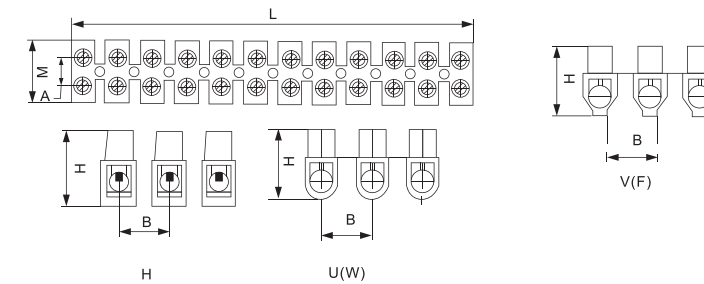
To correct or change wires, hold wire to be removed firmly and twist alternately left and right while pulling on the connector.

A501 TERMINAL BLOCK

Terminal block: H, U (W), V (F) type.

Material: made from PA, PE or PP.

Item No	L (mm)	W (mm)	H (mm)	A	B	mm ²	Volt	Amp	Packing
QTBS-3A	90.3	15.5	10.8	6	8	4	400V	3A	10pcs
QTBS-6A	110.7	15.5	12.5	6.5	9.5	6	400V	6A	
QTBS-10A	117.5	20	15	8.4	10.5	10	400V	10A	
QTBS-16A	137.5	22	17.0	10.2	12	12	400V	16A	
QTBS-20A	155	25	19.2	11.5	13.5	14	400V	20A	
QTBS-30A	166.7	25.5	20	12	14.5	16	400V	30A	
QTBS-60A	188	29	23.5	13.5	16.5	25	400V	60A	
QTBS-80A	205	33	27	15	17	35	400V	80A	
QTBS-100A	250	46	31	22	21	40	400V	100A	



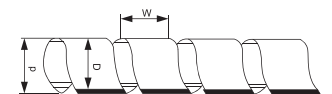
A502 SPIRAL WRAPPING BAND

Material: made from PE.

Usage: fix one end with safety belt first, then circle the wires clockwies to make them tighten.

Application: a protection wear for electric wires, and make them insulation and look nice.

Item No	Internal diameter (mm)	Outer diameter (mm)	Width (mm)	Wrapping range	Packing
CTM-06	4	6	7.0	4-50	10m/roll
CTM-08	6	8	10.8	6-60	
CTM-10	7.5	10	11.4	7.5-60	
CTM-12	9	12	13.9	9-65	
CTM-15	12	15	15.0	12-75	
CTM-19	15	19	18.2	15-100	
CTM-24	20	24	19.6	20-130	



A



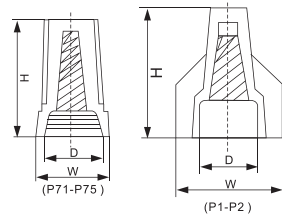
A504 SCREW ON WIRE CONNECTORS

Screw on wire connectors.

Material: UL Nylon 66, with spring inside.

Usage: peel wire coat, insert the wire in, then tighten.

Item no.	H (mm)	W (mm)	D (mm)	Suitable wires	color
CT-P71	15.0	8.7	6.5	MIN#20×1+22×1 MAX#16×2	grey
CT-P72	18.0	10.0	7.5	MIN#20×3 MAX#16×3	blue
CT-P73	23.0	11.2	9.5	MIN#20×3 MAX#16×3+18×1	orange
CT-P74	24.0	13.6	10.8	MIN#14×3+18×1 MAX#14×4+18×1	yellow
CT-P75	28.0	16.1	12.7	MIN#14×2 MAX#10×2+12×2	red
CT-P78	30.2	17.2	14.8		Grey



A504 DOUBLE WINGS SCREW ON WIRE CONNECTORS

Material: Extruded PVC fire-reistance materials, With spring inside.

Usage: Peel wire coat, insert the wire in, then tighten.

Item No.	H (mm)	W (mm)	D (mm)	Suitable wires	color
CT-P1	22.0	19.0	9.8	MIN#18×2 MAX#12×3	yellow
CT-P2	29.0	22.0	12.5	MIN#14×2 MAX#10×4	red

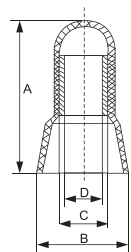
A506 CLOSE-END TERMINAL

Shell material: Nylon66, 94-2 certificated by UL.

Inside material: made of Steel tube T1, the surface is silver-gilt.

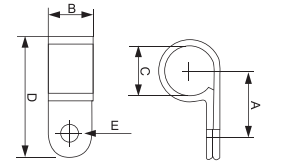
Usage: peel the coat of wire, then insert to tube, use pincers to fix them.

Feature: Nylon shell, long copper tube, easy to conduct electricity and hold wire tight.



Item No Spec	High A(mm)	Width		Cu Tube D(mm)	square mm ²	Wires AWG	Packing pcs/bag
		B(mm)	C(mm)				
CT-F3	18.5	9	3.6	2.5	1.25	22-16	1000
CT-F4	20	9.2	3.9	2.9	2	16-14	1000
CT-F5	22.3	11	4.8	3.9	5.5	12-10	1000
CT-F6	25	12.2	5.6	4.5	8	9-8	500
CT-F8	25.5	14.3	7.5	6.4	13	6-5	500
CT-F10	29.5	16.2	9.3	8.2	15	5-4	500

A



A507 R TYPE CABLE CLAMPS

Use: To set cables in and clamp by screw.

Material: Nylon66 94V-2.

Item No.		A (mm)	B (mm)	C (mm)		D (mm)	E (mm)	pcs/bag
				mm	Inch			
QCD-3.3	QCD-1/8R	9.5	9	3.3	1/8"	17	4.0	1000
QCD-5.2	QCD-3/16R	10.5	9.6	5.5	3/16"	18.5	4.0	1000
QCD-6.4	QCD-1/4R	12	9.6	6.4	1/4"	21	4.0	1000
QCD-8.4	QCD-5/16R	12.5	9.6	8.4	5/16"	22.8	4.0	1000
QCD-10.4	QCD-3/8R	13.5	9.6	10.4	3/8"	23.8	4.0	1000
QCD-13.2	QCD-1/2R	13.5	9.6	12.7	1/2"	25.8	4.0	1000
QCD-16.2	QCD-5/8R	16.5	9.6	15.8	5/8"	30.5	4.0	1000
QCD-19.2	QCD-3/4R	17	12	19	3/4"	35.5	4.5	500
QCD-25	QCD-1R	26	13	25	1"	44	5.0	200

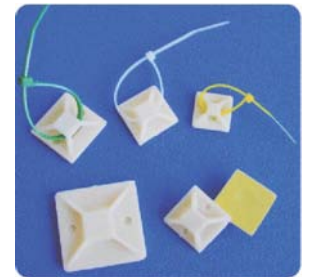
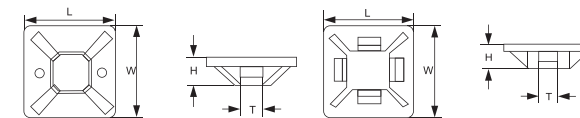
A508 CT SET PIECE

Material: Nylon 66,94-2,certificated by UL, the back attached sponge glue imported.

Usage: Peel the sponge glue and stick on the wall then,bundle the wire with cable ties.

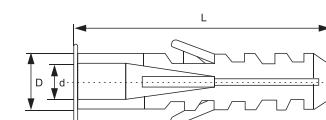
Application: for bundling wires and other things save time and convenient, used for the wall which can't be made a hole in.

Item No	L×W (mm)	H(mm)	T (mm)	SCREW HOLE(mm)	Packing
CTP-20	20×20	6	4	2.6	100/1000pcs
CTP-25	25×25	8.6	7	3.6	100/500pcs
CTP-30	30×30	8.6	7.8	4.5	
CTP-40	40×40	7.5	11.5	4.5	100/250pcs
QAAM-1	19×19	4.6	4.4	/	100pcs
QAAM-2	28×28	6.4	5.4	5.3	



A509 EXPAND NAIL (SOCKET)

Item No	L(mm)	D(mm)	d(mm)	Packing
QLENT-06	28	6	4.3	1000pcs & 100pcs
QLENT-06(New)	31	6	4.8	
QLENT-08	37	8	4.9	
QLENT-08(New)	40	8	6.0	500pcs & 100pcs
QLENT-10	45	10	7.5	
QLENT-12	48	12	6.5	

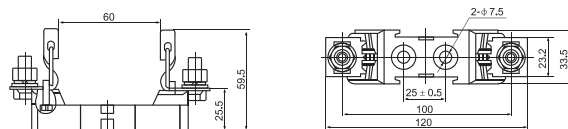


A601 - LOW VOLTAGE FUSE BASE

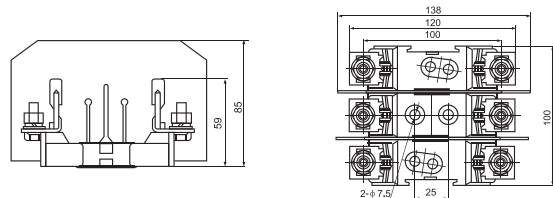
A



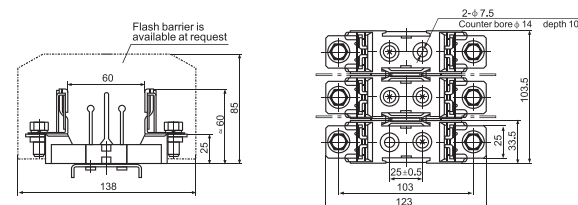
Model of base	Model, size and specification of applicable fuse link	Rated insulation voltage	Conventional thermal current	Weight (g)
NH00	RT16-000/00 NT000/00	660	160	170



Model of base	Model, size and specification of applicable fuse link	Rated insulation voltage	Conventional thermal current	Weight (g)
NH00-3J	RT16-000/00 NT000/00	660	160	516



Model of base	Model, size and specification of applicable fuse link	Rated insulation voltage	Conventional thermal current	Weight (g)
NT00S -3J	NH000 NH00 RT16-000/00 NT00C/00	660	160	845

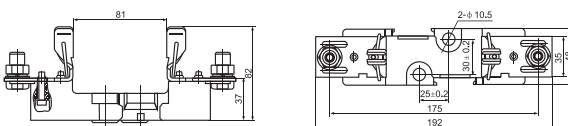


NH 12×Screw



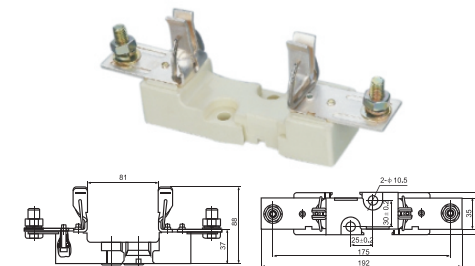
NH 12×Prism

Model of base	Model, size and specification of applicable fuse link	Rated insulation voltage	Conventional thermal current	Weight (g)
NH1	RT16-1 NT1	660	250	502

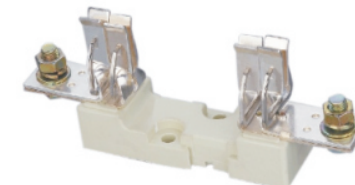


A601 - LOW VOLTAGE FUSE BASE

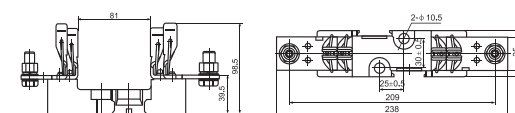
A



Model of base	Model, size and specification of applicable fuse link	Rated insulation voltage	Conventional thermal current	Weight (g)
NH2	RT16-2 NT2	660	400	526



Model of base	Model, size and specification of applicable fuse link	Rated insulation voltage	Conventional thermal current	Weight (g)
NH3	RT16-3 NT3	660	630	762



A601 - CYLINDER FUSE HOLDER

Fuse-Holder for cylindrical fuse link

STID type (with Lamp) and STI type (without Lamp)

Rated current: up to 125A, Rated voltage: 690V AC

Standard specifications:

IEC60269-2-1 EN60269-2-1 IEC63211 NFC63210-6321



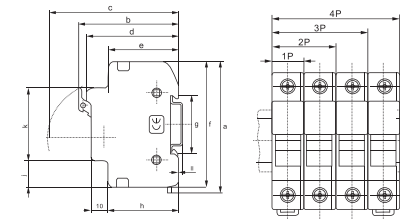
With Lamp

With Lamp

Without Lamp

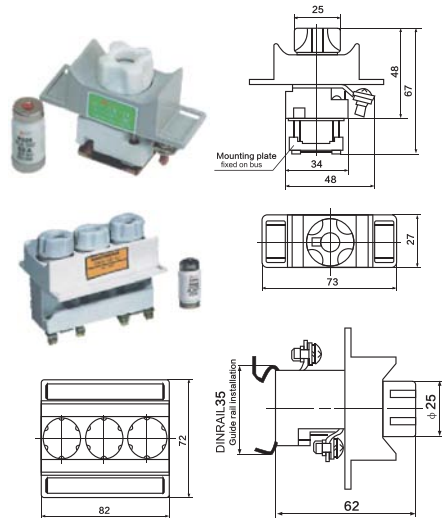
Technical data

Item	Pole	With Lamp	Without Lamp	Packing
Fuse Holder 20A for 8.5×31.5	1	STID-20-1	STI-20-1	12/240
	1+N	STID-20-1N	STI-20-1	6/120
	2	STID-20-2	STI-20-1	6/120
	3	STID-20-3	STI-20-1	4/80
	3+N	STID-20-3N	STI-20-1	3/60
Fuse Holder 32A for 10×38	1	STID-32-1	STI-32-1	12/240
	1+N	STID-32-1N	STI-32-1	6/120
	2	STID-32-2	STI-32-1	6/120
	3	STID-32-3	STI-32-1	4/80
	3+N	STID-32-3N	STI-32-1	3/60
Fuse Holder 63A for 14×51	1	STID-63-1	STI-63-1	6/108
	1+N	STID-63-1N	STI-63-1	3/54
	2	STID-63-2	STI-63-1	3/54
	3	STID-63-3	STI-63-1	2/*36
	3+N	STID-63-3N	STI-63-1	1/27
Fuse Holder 125A for 22×58	1	STID-125-1	STI-125-1	6/108
	1+N	STID-125-1N	STI-125-1	3/54
	2	STID-125-2	STI-125-1	3/54
	3	STID-125-3	STI-125-1	2/36
	3+N	STID-125-3N	STI-125-1	1/27



	STI-20	STI-32	STI-63	STI-125
a	81	81	113	128.5
b	61	61	78	78
c	79.5	79.5	101	104
d	56	56	73	73
e	43	43	33	40
f	78	78	107	127
g	35.8	35.8	36	36.5
h	43	43	50	50
i	10	10	15.5	15.5
j	16.3	16.3	35.5	50
k	45	45	45	45
m	2	2	1.5	1.5
1P	17.8	17.8	26.9	35.8
2P	35.6	35.6	53.8	71.6
3P	53.4	53.4	80.7	107.4
4P	71.2	71.2	107.6	143.2

A601 SCREW FUSE BASE

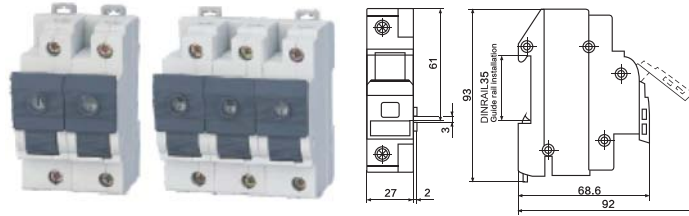


Flush mounting fuse bases D01/D02/D03, Single-pole

- According to DIN VDE0636
- Ceramic bases
- 1 and 3 poles models for snap-on and screw fixing
- Universal applications
- Two cable connecting outgoing terminal for D01 flush mounting fuse bases for conductor 2 leads up to 4mm².
- Terminal screw Pozidriv (D01:M4, D02: M5)

Model of product	Fuse link Size	Rated insulation voltage	Conventional thermal current	Terminal Design	Conductor Size upto mm ²	Weight (g)	Protection Cover
FB1D01B	D01	500	16	B	4	73	with
FB1D02S	D02	500	63	S	25	93	with
FB1D02K	D02	500	63	K	25	83	with
FB1D03K	D03	500	100	K	50	176	without
FB3D01B	D01	500	16	B	4	73	with
FB3D02S	D02	500	63	S	25	93	with
FB3D02K	D02	500	63	K	25	83	with

A601 SCREW FUSE SWITCH FOR D02 FUSE



Model of product	Fuse Size	Pole	Rated insulation voltage	Conventional thermal current
SF32-1PN	D02	1P+N	240/415 V	32
SF32-2P	D02	2P	240/415 V	32
SF32-3P	D02	3P	240/415 V	32
SF32-3PN	D02	3P	240/415 V	32
SF63-1PN	D02	1P+N	240/415 V	63
SF63-2P	D02	2P	240/415 V	63
SF63-3P	D02	3P	240/415 V	63
SF63-3PN	D02	3P+N	240/415 V	63

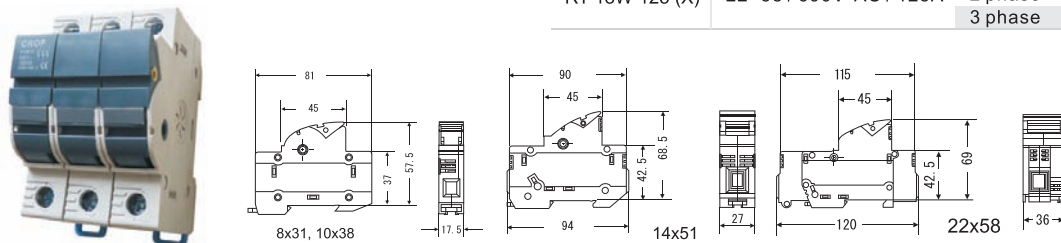
A601 CYLINDRICAL FUSE SWITCH



DIN VDE 0106 With frame terminal, fixed by clamp, touching protection according to DIN VDE 0106. Cylindrical fuse-switch, with LED.

- Min Width: 18mm max current: 125A
- Protection circuit is up to 690V/125A
- Rated short circuit reaches as high as 100kA.
- The conductors are directly connected through the frame terminal.
- With LED electronic fusion display.
- Simple and easy, reliable and safe manual operation.
- Free of silicon resin and chlorine, according to environmental protection requirements.

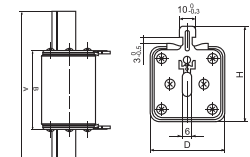
TYPE	Size/Max rated voltage/Max rated current	Structure
RT 18W-25 (X)	8×31 / 400V AC / 25A	1 phase 2 phase 3 phase
RT 18W-32 (X)	10×38 / 690V AC / 32A	1 phase 2 phase 3 phase
RT 18W-50 (X)	14×51 / 690V AC / 50A	1 phase 2 phase 3 phase
RT 18W-125 (X)	22×58 / 690V AC / 125A	1 phase 2 phase 3 phase



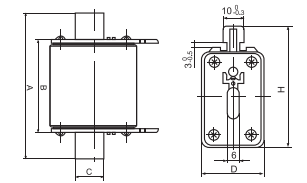
A602 - LOW VOLTAGE H.R.C FUSE LINKS

IEC60269-1, IEC60269-2

Fuse size (gG) General	Rated voltage (V)	Rated current (A)	Weight (g)
NH00C	690V, AC	4,6,10,16,20,25,32,40,50,63,80,100	132
NH00	80kA	10,16,20,25,32,40,50,63,80,100,125,160	180
NH0		6,10,16,20,25,32,40,50,63,80,100,125,160	267
NH1		32,40,50,63,80,100,125,160,200,224,250	447
NH2		80,100,125,160,200,224,250,315,355,400	727
NH3		160,200,224,250,315,355,400,425,500,630	975



A: NH1: 135, NH2: 150, NH3: 150
B: NH1: 67, NH2: 68, NH3: 68
C: NH1: 20, NH2: 30, NH3: 36
D: NH1: 46, NH2: 58.5, NH3: 70
H: NH1: 58.5, NH2: 68.5, NH3: 82



A: NH00: 78, NH0: 128
B: NH00: 50.5, NH0: 67
C: NH00: 15, NH0: 15
D: NH00: 30, NH0: 30
H: NH00: 60, NH0: 60



A602 - LOW VOLTAGE CYLINDRICAL CONTACT CAP FUSE LINKS

IEC60269-1, IEC60269-2

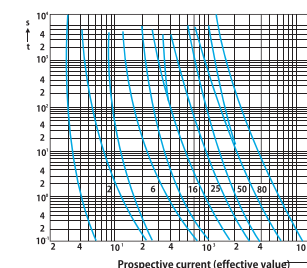
Size voltage (V)	Rated current (A)	Fuse size			Rated current (A)
		(gG)	(aM)	(aR)	
8.5 x 31.5	2, 4, 6, 10, 16, 20	G831	M831	R831	500V, AC 80kA
10 x 38	2, 4, 6, 10, 12, 16, 20, 25, 32	G1038	M1038	R1038	
14 x 51	2, 4, 6, 10, 12, 16, 20, 25, 32, 40, 50, 60	G1451	M1451	R1451	



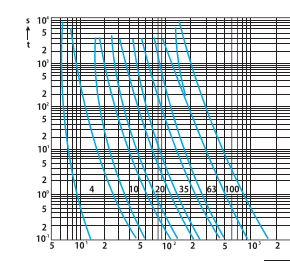
A602 - LOW VOLTAGE SCREW TYPE FUSE LINKS - D1ZD

IEC60269-1, IEC60269-2

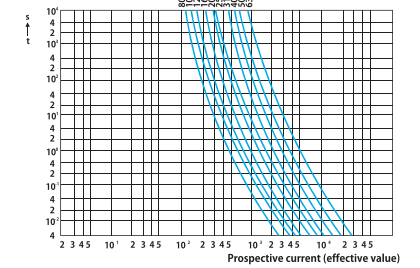
Size voltage (V)	Rated current (A)	Fuse size		Rated current (A)
		(gG)	(aR)	
DI	2, 4, 6, 10, 16, 20, 25	GDI	RDI	500V, AC 50kA
DII	2, 4, 6, 10, 16, 20, 25	GDII	RDII	
DIII	35, 50, 63	GDIII	RDIII	
DIV	80, 100	GDIV	RDIV	
DV	125, 160, 200	GDV	RDV	



Time-current band of "gG" fuse link



Time-current band of "gG" fuse link



Time-current band of "gG" fuse link

A700 FUSE ACCESSORIES

PRODUCT DESCRIPTION:

FA-SS-x FA-DS-x

FA= Fuse Accessories; SS= Single Steamer; DS= Double steamer;
x= hole of steamer (8,9,10,11,12mm) for double could be 2x

PRODUCT RANGE:

FA-SS-x RM, RE, SM, SE 16-300 mm²

FA-DS-x RM, RE, SM, SE 16-300 mm²

USED MATERIALS:

Aluminium or Copper Tinned

PACKING:

Coarton dimensions: 36x25x23

Contain: 1600pcs (SS), 900pcs(DS)

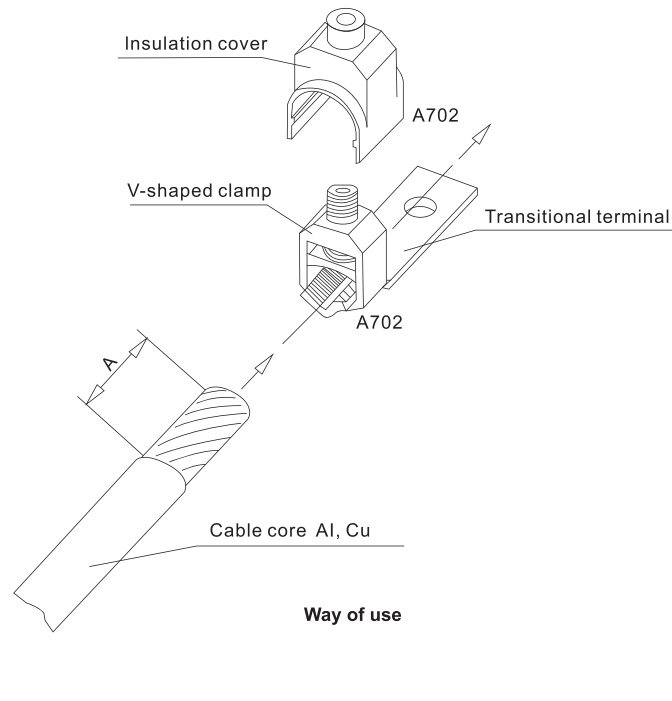
Each: 14g (SS), 28g(DS)

Netto: 22kg(SS), 22.5kg(DS)

Brutto: 22kg(SS), 23kg(DS)

STORAGE AND TRANSPORT:

Product do not have any specific requirements on storage. It is fire-resistant and it is not dangerous.



A701 UNIVERSALV CLAMP

PRODUCT DESCRIPTION:

V Clamp consists of profiled materials having one screw, and one pad installed on its screw.

V Clamps are usually used together with the steamer (illustration A700) to create an electrical connection between a wire and contact. The steamer is installed or mounted on side of contact and V clamp pressing a cable to steamer and it creates an electrical connection.

Together it creates a very fast and effective way in how to connect the cable to various types of low voltage devices such as cabinets, fuse links, fuse disconnectors, bus bar systems and many others.

PRODUCT RANGE:

V Clamp	FA-VC	RM, RE, SM, SE	10-300mm ²	reversible pad
Non reversible V Clamp	FA-VCN	RM, RE, SM, SE	35-300mm ²	irreversible pad
mini V Clamp	FA-mV	RM, RE, SM, SE	6-120mm ²	
Steel V clamp	FA-Fe-VC	RM, RE, SM, SE	10-240mm ²	
Steel miniV-Clamp	FA-Fe-mV	RM, RE, SM, SE	6-120mm ²	
Stainless mini V Clamp	FA-SS-mV	RM, RE, SM, SE	6-120mm ²	
V Cover	FA-VCover	Cover for FA-VC, FA-VCN, and FA-Fe-VC		

MATERIALS:

V Clamp - Al alloy, Al or brass bridge nickel-tinned.

Steel V Clamp - Fe alloy w/ HDG., bridge brass nickel-tinned or Fe w/ HDG.

PACKING:

	FA-VC(N)	FA-mV	FA-Fe-VC	FA-Fe-mV	FA-VCover
Carton DIM (cm):	42x33x25	60x30x20	38x28.5x32	30x22x17	45x29.5x31.5
Carton contents:	500 pcs	500 pcs	500 pcs	500 pcs	500 pcs
Each clamp:	69 g	5 g	69 g	42 g	22 g
Net weight:	2 kg	32 kg	34 kg	20 kg	10 kg
Gross weight:	33 kg	33 kg	34.5 kg	21 kg	11 kg

STORAGE AND TRANSPORT:

Products do not have any specific storage requirements. They are fire resistant and non-hazardous.

USUAL APPLICATION OF V-CLAMP AND STREAMER



STREAMER
See catalogue
A700



FA-VCover



FA-Fe-mV



FA-Fe-VC



FA-VC



FA-VCN



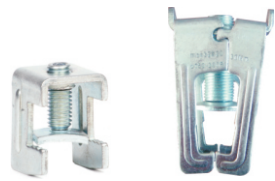
FA-mV

A702 ZERO & HOOKED CLAMP



CRZC90

CRZC120



CRK160

CRK400

Materials:

Zinc coated steel

Packing:

Performed according to customer requirements.

Product Description:

A Zero Clamp is designed to connect a conductor directly to a busbar system, without needing mechanical modifications such as drilling, pressing of nuts, etc. It replaces the standard V Clamp + Streamer, pad, screw, nut - it's ONLY ONE COMPONENT - consequently making the installation easier, faster, and effecting a more precise contact between the conductor and busbar.

It's suitable for all kinds of conductors, and busbars of assorted coatings-when the thickness of the busbar is 5 mm or 10 mm.

Hook on Clamp's purpose is to catch the fuse link or disconnecter on the busbar system avoiding mechanical modifications. It's simply just hooked on the back side of the busbar, and to the fuse link or a disconnecter, having direct contact with busbar. Fast installation and variable positions of devices in case of need are it's main advantage.

Product Range: X- thickness of busbar 5 or 10 mm

Zero Clamp

CRZC90-X ◦ 6-90 mm²; 12 NM CRZC240-X ◦ 10-240 mm²; 25 NMCRZC120-X ◦ 6-120 mm²; 15 NM CRZC400-X ◦ 16-400 mm²; 35 NM

Hook on Clamp

CRKR160-X:- pro vertikální i horizontální lišty a odpínače NH00; 5NM.

CRKR400-X:- pro vertikální i horizontální lišty a odpínače Nh2; 20NM.

A801 STAINLESS STEEL STRAP WITH ACCESSORY



handlift



disc

PRODUCTS DEISCRPTION:

ST axb

ST:stainless steel a: thickness b: width

STE-c

STE: stainless steel yoke c: type of yoke= "L" type or "Y" type

Stainless steel strap are use for bundled as holder for industrial feild or overhead line poles.



L type

Y type

PRODUCT TYPE:

ST0.3 x 8 ST0.3 x10

ST0.38 x12.7

ST0.4 x 12 ST0.4 x16

ST0.7 x13 ST0.7 x19.07 ST0.7 x19.07 ST0.7 x20

ST0.76 x19 ST0.76 x19.05 ST0.76 x20

special size can be ordered.

MATERIAL:

ANSI201, 304, 314

special material can be ordered.

PACKAGE:

handlift reel 45m per reel

disc 45m per disc

box 30m per box

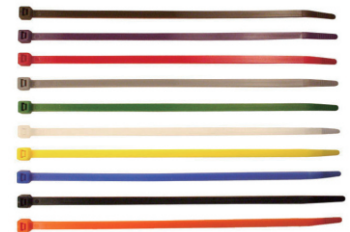
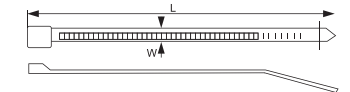
A802 CABLE TIE

Material: Nylon 66, comply with 94V-2, Certificated by UL, Heat-resisting.

Acid & crosion control, insulate well and not apt to age.

OperatingTemperature: -35°C to 85°C.**Color:** Natural (or white, standard color), UV-black, Other colors are available based on sample or pantone code.**Packing:** 100pcs/polybag. Head carder, blister packing can be offered as request.

Item.no	length		W (mm)	Bundle diametere E(mm)	Min Tensile strength	
	Inch	L(mm)			LBS	KGS
CT-3 x 60	2 3/8"	60	2.5	2-11	18	8
CT-3 x 80	3 3/16"	80	2.5	2-16	18	8
CT-3 x 100	4"	100	2.5	2-22	18	8
CT-3 x 120	4 3/4"	120	2.5	2-30	18	8
CT-3 x 150	6"	150	2.5	2-35	18	8
CT-3 x 160	6 1/4"	160	2.5	2-40	18	8
CT-3 x 200	8"	200	2.5	3-50	18	8
CT-3 x 250	10"	250	3.0	3-65	18	8
CT-3 x 300	12"	300	3.0	3-80	18	8
CT-4 x 100	4"	100	3.5	3-22	40	18
CT-4 x 120	4 3/4"	120	3.5	3-30	40	18
CT-4 x 150	6"	150	3.5	3-35	40	18
CT-4 x 160	6 1/4"	160	3.5	3-40	40	18
CT-4 x 180	7"	180	3.5	3-42	40	18
CT-4 x 200	8"	200	3.5	3-50	40	18
CT-4 x 220	8 5/8"	220	3.5	3-58	40	18
CT-4 x 250	10"	250	3.5	3-65	40	18
CT-4 x 280	11"	280	3.5	3-70	40	18
CT-4 x 300	12"	300	3.5	3-80	40	18
CT-4 x 370	14 1/2"	370	3.5	3-102	40	18
CT-5 x 120	4 3/4"	120	4.6	3-24	50	22
CT-5 x 150	6"	150	4.6	3-35	50	22
CT-5 x 180	7"	180	4.6	3-42	50	22
CT-5 x 200	8"	200	4.6	3-50	50	22
CT-5 x 250	10"	250	4.6	3-65	50	22
CT-5 x 280	11"	280	4.6	3-70	50	22
CT-5 x 300	12"	300	4.6	3-82	50	22
CT-5 x 350	14"	350	4.6	3-90	50	22
CT-5 x 380	15"	380	4.7	3-102	50	22
CT-5 x 400	16"	400	4.7	3-105	50	22
CT-5 x 450	18"	450	4.7	3-130	50	22
CT-5 x 500	20"	500	4.7	3-150	50	22
CT-5 x 550	22"	550	4.7	3-160	50	22
CT-8 x 150	6"	150	6.8	3-33	85	38
CT-8 x 180	7"	180	6.8	3-42	85	38
CT-8 x 200	8"	200	6.8	3-50	85	38
CT-8 x 250	10"	250	7.5	4-63	120	55
CT-8 x 300	12"	300	7.5	4-82	120	55
CT-8 x 350	14"	350	7.5	4-90	120	55
CT-8 x 370	14 1/2"	370	7.5	4-98	120	55
CT-8 x 400	16"	400	7.5	4-105	120	55
CT-8 x 450	18"	450	7.5	4-118	120	55
CT-8 x 500	20"	500	7.5	4-150	120	55
CT-8 x 550	22"	550	7.5	4-160	120	55
CT-8 x 750	30"	750	7.5	4-220	120	55



A802 CABLE TIE

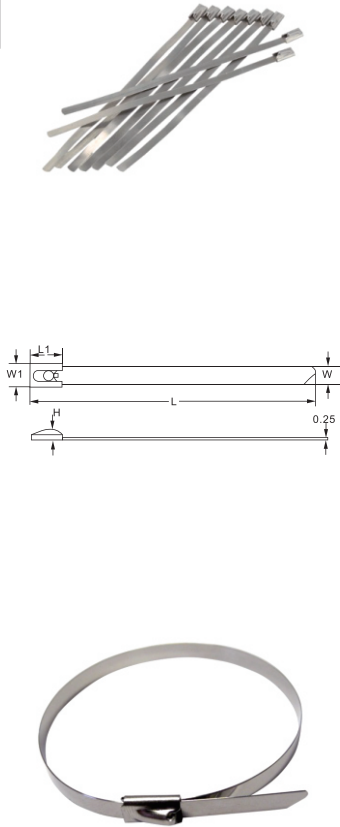
A

Naked stainless steel cable ties

Ball lock and body Color

Material: 304# Steel

Any length can be available.



Type	Spec. (mm) (W × L)	length		Thickness (mm)	Maxi bundled diameter (mm) (Φ)	Tensile strength		Package: Pcs/bag
		Inch	(mm)			LB	KG	
CL-G	4.6 × 100	4"	100	0.25	23	122	55	100
CL-G	4.6 × 150	6"	150	0.25	38	122	55	100
CL-G	4.6 × 200	8"	200	0.25	52	122	55	100
CL-G	4.6 × 250	10"	250	0.25	68	122	55	100
CL-G	4.6 × 300	12"	300	0.25	84	122	55	100
CL-G	4.6 × 350	14"	350	0.25	103	122	55	100
CL-G	4.6 × 400	16"	400	0.25	114	122	55	100
CL-G	4.6 × 450	18"	450	0.25	118	122	55	100
CL-G	4.6 × 500	20"	500	0.25	148	122	55	100
CL-G	4.6 × 600	24"	600	0.25	178	122	55	100
CL-G	4.6 × 700	28"	700	0.25	198	122	55	100
CL-G	4.6 × 800	32"	800	0.25	240	122	55	100
CL-G	4.6 × 900	36"	900	0.25	270	122	55	100
CL-G	4.6 × 1000	40"	1000	0.25	305	122	55	100
CL-G	4.6 × 1200	48"	1200	0.25	371	122	55	100
CL-G	4.6 × 1300	52"	1300	0.25	403	122	55	100
CL-G	8.0 × 150	6"	150	0.25	38	180	80	100
CL-G	8.0 × 175	7"	175	0.25	42	180	80	100
CL-G	8.0 × 200	8"	200	0.25	52	180	80	100
CL-G	8.0 × 250	10"	250	0.25	68	180	80	100
CL-G	8.0 × 300	12"	300	0.25	84	180	80	100
CL-G	8.0 × 350	14"	350	0.25	103	180	80	100
CL-G	8.0 × 400	16"	400	0.25	114	180	80	100
CL-G	8.0 × 450	18"	450	0.25	118	180	80	100
CL-G	8.0 × 500	20"	500	0.25	148	180	80	100
CL-G	8.0 × 600	24"	600	0.25	178	180	80	100
CL-G	8.0 × 800	32"	800	0.25	198	180	80	100
CL-G	8.0 × 1000	40"	1000	0.25	240	180	80	100
CL-G	8.0 × 1100	44"	1100	0.25	270	180	80	100
CL-G	8.0 × 1200	48"	1200	0.25	305	180	80	100
CL-G	8.0 × 1300	52"	1300	0.25	371	180	80	100
CL-G	8.0 × 1400	56"	1400	0.25	403	180	80	100

A802 CABLE TIE

A

PVC Sprayed Stainless Steel Cable Ties (Ball Lock)

Material: 304# Stainless Steel, and spray PVC on the surface.**Description:** Stainless steel cable ties is the most effective way of securing cable and pipe. indulating well and not apt to age. They can be used in virtually all in door, out door, heavy industrial and underground applications. Heat resisting, erosion control.**Features:** 1. Unique self-locking mechanism allows easy and quick operation.
2. High tensile strength. 3.Non-flammable.**Lock Type:** ball lock.

Type	Specification (W × L)	Maxi bundled diameter(Φ)	Thickness of basic tape	Surface	Package Pcs/bag
CP-G	4.6 × 100	23mm	0.35mm	Black	100
CP-G	4.6 × 150	38mm	0.35mm	Black	100
CP-G	4.6 × 200	52mm	0.35mm	Black	100
CP-G	4.6 × 250	68mm	0.35mm	Black	100
CP-G	4.6 × 300	82mm	0.35mm	Black	100
CP-G	4.6 × 360	100mm	0.35mm	Black	100
CP-G	4.6 × 500	146mm	0.35mm	Black	100
CP-G	8 × 150	38mm	0.35mm	Black	100
CP-G	8 × 175	48mm	0.35mm	Black	100
CP-G	8 × 240	67mm	0.35mm	Black	100
CP-G	8 × 300	82mm	0.35mm	Black	100
CP-G	8 × 350	98mm	0.35mm	Black	100
CP-G	8 × 400	114mm	0.35mm	Black	100
CP-G	8 × 500	146mm	0.35mm	Black	100
CP-G	8 × 600	178mm	0.35mm	Black	100
CP-G	8 × 800	240mm	0.35mm	Black	100
CP-G	8 × 1000	305mm	0.35mm	Black	100

PVC Sprayed Stainless Steel Cable Ties (L Buckle Lock)

Material: 304# Stainless Steel, and spray PVC on the surface.**Description:** Stainless steel cable ties is the most effective way of securing cable and pipe. indulating well and not apt to age. They can be used in virtually all in door, out door, heavy industrial and underground applications. Heat resisting, erosion control.**Lock Type:** By Tool.

Type	Specification (W × L)	Thickness	Maxi bundled diameter(Φ)	Surface	Package Pcs/bag
CP-L	8 × 150	1.2mm	31mm	Black	100
CP-L	8 × 200	1.2mm	47mm	Black	100
CP-L	8 × 250	1.2mm	64mm	Black	100
CP-L	8 × 300	1.2mm	79mm	Black	100
CP-L	8 × 350	1.2mm	95mm	Black	100
CP-L	8 × 400	1.2mm	110mm	Black	100
CP-L	12 × 150	1.2mm	31mm	Black	50
CP-L	12 × 200	1.2mm	47mm	Black	50
CP-L	12 × 250	1.2mm	64mm	Black	50
CP-L	12 × 300	1.2mm	79mm	Black	50
CP-L	12 × 350	1.2mm	95mm	Black	50
CP-L	12 × 400	1.2mm	110mm	Black	50
CP-L	12 × 450	1.2mm	125mm	Black	50
CP-L	12 × 500	1.2mm	140mm	Black	50
CP-L	16 × 300	1.2mm	78mm	Black	50
CP-L	16 × 400	1.2mm	110mm	Black	50
CP-L	16 × 500	1.2mm	140mm	Black	50
CP-L	16 × 600	1.2mm	175mm	Black	50
CP-L	16 × 800	1.2mm	235mm	Black	50
CP-L	16 × 1000	1.2mm	300mm	Black	50

A802 CABLE TIE



Stainless Steel Buckle & Clip

L CLIP Buckle

It is suitable for narrow or inconvenience places. Clips are manufactured from the same 304 grade stainless steel and match the 8mm, 12mm, and 16mm range of bands and per-cut bands.

Part No.	Width (mm)	Package Quantity	Application Bands
L-8S	8-9	100	CP-S8mm width
L-12S	12-13	100	CP-S12mm width
L-16S	16-17	100	CP-S16mm width

Sprayed Stainless Steel Band

Part No.	Width (mm)	Thickness (mm)	Length (M/Roll) M	Color	Application Clips
CP-S 8mm	8	0.3	25	PVC Black	L-8S
CP-S 12mm	12	0.3	25		L-12S
CP-S 16mm	16	0.3	25		L-16S

Stainless Steel Cable Tie-Ladder Type

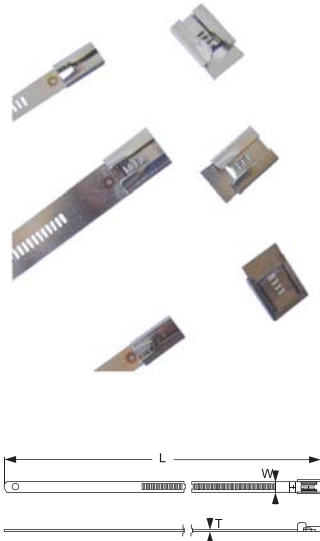
Name: stainless steel cable tie-ladder type.

Material: 304/316 stainless steel

Size: width: 7mm and 12mm. Length: from 150mm to 635mm.

Packing: 100pcs/polybag, carton for outterpacking. Customer's special needs are available.

ITEM No.	Max Bundle Dia		"L" Length Approx		"W" Width Approx		Min Loop Tensile	
	Inch	mm	Inch	mm	Inch	mm	lbs	kg
CTL-150S	0.86	22	5.9	150	0.28	7	250	113.4
CTL-195S	1.7	45	8	195				
CTL-255S	2.5	64	10	255				
CTL-335S	3.5	89	13	335				
CTL-490S	5.4	139	19	490				
CTL-635S	7.2	185	25	635	0.472	12	250	113.4
CTL-150T	0.86	22	5.9	150				
CTL-195T	1.7	45	8	195				
CTL-255T	2.5	64	10	255				
CTL-335T	3.5	89	13	335				
CTL-490T	5.4	139	19	490				
CTL-635T	7.2	185	25	635				



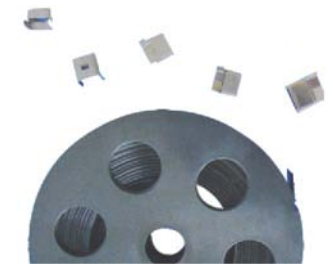
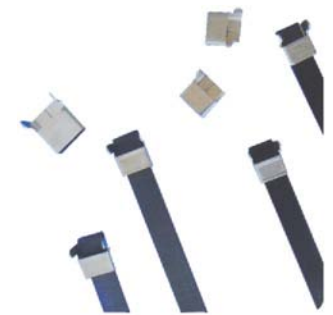
A802 CABLE TIE

Plastic covered stainless steel cable tie CB-L Series

Type	Spec. (W x L)	Thickness	Maxi bundled diameter (φ)	Body Surface	Surface	Package Pcs/bag
CB-L	8 x 150	1.2mm	31mm	Non opening hole	Black	100
CB-L	8 x 200	1.2mm	47mm	Non opening hole	Black	100
CB-L	8 x 250	1.2mm	64mm	Non opening hole	Black	100
CB-L	8 x 300	1.2mm	79mm	Non opening hole	Black	100
CB-L	8 x 350	1.2mm	95mm	Non opening hole	Black	100
CB-L	8 x 400	1.2mm	110mm	Non opening hole	Black	100
CB-L	12 x 150	1.2mm	31mm	Non opening hole	Black	50
CB-L	12 x 200	1.2mm	47mm	Non opening hole	Black	50
CB-L	12 x 250	1.2mm	64mm	Non opening hole	Black	50
CB-L	12 x 300	1.2mm	79mm	Non opening hole	Black	50
CB-L	12 x 350	1.2mm	95mm	Non opening hole	Black	50
CB-L	12 x 400	1.2mm	110mm	Non opening hole	Black	50
CB-L	12 x 450	1.2mm	125mm	Non opening hole	Black	50
CB-L	12 x 500	1.2mm	140mm	Non opening hole	Black	50
CB-L	16 x 300	1.2mm	78mm	Non opening hole	Black	50
CB-L	16 x 400	1.2mm	110mm	Non opening hole	Black	50
CB-L	16 x 500	1.2mm	140mm	Non opening hole	Black	50
CB-L	16 x 600	1.2mm	175mm	Non opening hole	Black	50
CB-L	16 x 800	1.2mm	235mm	Non opening hole	Black	50
CB-L	16 x 1000	1.2mm	300mm	Non opening hole	Black	50

Plastic Covered Stainless Steel Band

Part No.	Width (mm)	Thickness (mm)	Length (M/Roll) M	Color	Application Clips
CB-C 8mm	8	1.2	20	inner stainless color, outer plastic Balck	L-8S
CB-C 12mm	12	1.2	20		L-12S
CB-C 16mm	16	1.2	20		L-16S



A802 CABLE TIE

A802 CABLE TIE

Plastic sprayed stainless steel cable tie CP-O Series

Type	Specification (W×L)	Maxi bundled diameter (φ)	Thickness of basic tape	Surface	Package Pcs/bag
CP-O	8 × 150	31mm	0.4mm	Black	100
CP-O	8 × 200	47mm	0.4mm	Black	100
CP-O	8 × 250	64mm	0.4mm	Black	100
CP-O	8 × 300	79mm	0.4mm	Black	100
CP-O	8 × 350	95mm	0.4mm	Black	100
CP-O	8 × 400	110mm	0.4mm	Black	100
CP-O	12 × 150	35mm	0.4mm	Black	100
CP-O	12 × 200	48mm	0.4mm	Black	100
CP-O	12 × 250	65mm	0.4mm	Black	100
CP-O	12 × 300	80mm	0.4mm	Black	100
CP-O	12 × 350	95mm	0.4mm	Black	100
CP-O	12 × 400	110mm	0.4mm	Black	100
CP-O	16 × 300	82mm	0.4mm	Black	100
CP-O	16 × 400	110mm	0.4mm	Black	100
CP-O	16 × 500	146mm	0.4mm	Black	100
CP-O	16 × 600	178mm	0.4mm	Black	100
CP-O	16 × 800	240mm	0.4mm	Black	100
CP-O	16 × 1000	305mm	0.4mm	Black	100

Plastic sprayed stainless steel cable tie CP-D Series

Type	Specification (W×L)	Maxi bundled diameter (φ)	Thickness of basic tape	Surface	Package Pcs/bag
CP-D	16 × 200	48mm	0.4mm	Black	100
CP-D	16 × 260	67mm	0.4mm	Black	100
CP-D	16 × 300	82mm	0.4mm	Black	100
CP-D	16 × 350	98mm	0.4mm	Black	100
CP-D	16 × 400	110mm	0.4mm	Black	100

Plastic sprayed stainless steel cable tie CP-T Series

Type	Specification (W×L)	Maxi bundled diameter (φ)	Thickness of basic tape	Surface	Package Pcs/bag
CP-T	11 × 140	35mm	0.3mm	Black	50
CP-T	11 × 175	45mm	0.3mm	Black	50
CP-T	11 × 200	55mm	0.3mm	Black	50
CP-T	11 × 240	66mm	0.3mm	Black	50

Plastic covered stainless steel cable tie CB-O series

Type	Specification (W×L)	Maxi bundled diameter (φ)	Thickness	Surface	Package Pcs/bag
CB-O	8 × 150	31mm	1.2mm	Black	50
CB-O	8 × 200	47mm	1.2mm	Black	50
CB-O	8 × 250	64mm	1.2mm	Black	50
CB-O	8 × 300	79mm	1.2mm	Black	50
CB-O	8 × 350	95mm	1.2mm	Black	50
CB-O	8 × 400	110mm	1.2mm	Black	50
CB-O	12 × 150	35mm	1.2mm	Black	50
CB-O	12 × 200	48mm	1.2mm	Black	50
CB-O	12 × 250	65mm	1.2mm	Black	50
CB-O	12 × 300	80mm	1.2mm	Black	50
CB-O	12 × 350	95mm	1.2mm	Black	50
CB-O	12 × 400	110mm	1.2mm	Black	50
CB-O	16 × 300	82mm	1.2mm	Black	50
CB-O	16 × 400	114mm	1.2mm	Black	50
CB-O	16 × 500	146mm	1.2mm	Black	50
CB-O	16 × 600	178mm	1.2mm	Black	50
CB-O	16 × 700	208mm	1.2mm	Black	50
CB-O	16 × 800	240mm	1.2mm	Black	50

Plastic stuck stainless steel cable tie CB-O2 series

Type	Specification (W×L)	Maxi bundled diameter (φ)	Thickness	Surface	Package Pcs/bag
CB-O2	8 × 150	31mm	1.2mm	Black	50
CB-O2	8 × 200	47mm	1.2mm	Black	50
CB-O2	8 × 250	64mm	1.2mm	Black	50
CB-O2	8 × 300	79mm	1.2mm	Black	50
CB-O2	8 × 350	95mm	1.2mm	Black	50
CB-O2	8 × 400	110mm	1.2mm	Black	50
CB-O2	12 × 150	31mm	1.2mm	Black	50
CB-O2	12 × 200	48mm	1.2mm	Black	50
CB-O2	12 × 250	65mm	1.2mm	Black	50
CB-O2	12 × 300	80mm	1.2mm	Black	50
CB-O2	12 × 350	95mm	1.2mm	Black	50
CB-O2	12 × 400	110mm	1.2mm	Black	50
CB-O2	16 × 300	82mm	1.2mm	Black	50
CB-O2	16 × 400	114mm	1.2mm	Black	50
CB-O2	16 × 500	140mm	1.2mm	Black	50
CB-O2	16 × 600	178mm	1.2mm	Black	50
CB-O2	16 × 800	240mm	1.2mm	Black	50
CB-O2	16 × 1000	305mm	1.2mm	Black	50