

© YUEQING BARFUSE ELECTRIC CO.,LTD.

 This album is printed with ecological paper

YUEQING BARFUSE ELECTRIC CO.,LTD.

**ADD: NO.208. WEIQI ROAD, YUEQING ECONOMIC DEVELOPMENT ZONE,
YUEQING, ZHEJIANG, CHINA**

(TEL):+86 0577 61666659

(FAX):+86 0577 62777759

EMAIL:SALES@BARFUSES.COM

WWW.BARFUSES.COM / WWW.BARFUSE.COM

MOBILE/WECHAT/WHATSAPP:+86 13968736669



>>>



PRODUCT SELECTION GUIDE

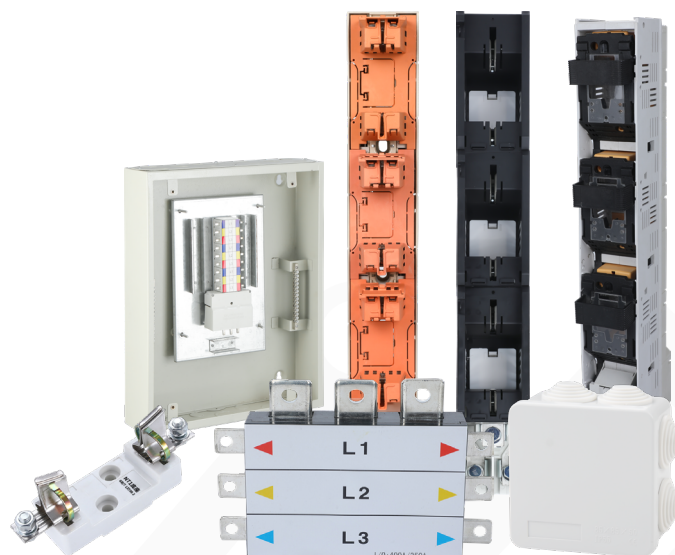
MAIN PRODUCTION: FUSE RAIL

PAN ASSEMBLY & DISTRIBUTION BOX



BARFUSES
BATTLE FOR SAFETY

2023 EDITION



YUEQING BARFUSE ELECTRIC CO.,LTD.

About us

BARFUSE Electric Co., Ltd. located in Wenzhou, is a professional manufacturer of low voltage fuse switch disconnecter, busbar system and high & low voltage distribution wiring managements products, such as MCB pan assembly, MCCB pan assembly. The products are widely used in petroleum, chemical, metallurgical, power, construction and other industries of the low voltage distribution system.

Adopting over 30 sets modern digital wire-cutting machine, punches and tens sets of inspection equipment such as Rockwell hardness tester, electric tester, spring tester, switch tester etc. BARFUSE has reached even exceeded the international level in the same industry with scientific production technology and strict quality management system.

BARFUSE fully pursues ISO9001 quality certification system, and seek Improving internal qualification, Creating external image, that is constructed modern workshop according to “6S” management standardization construction workshop, save costs and improve quality; and establish learning and innovation, and strong workforce, so as to create world well known famous brand in the field of the high & low-voltage electrical brands.

With its excellent brand reputation and quality, BARFUSES actively explore the global market, also has many sales network in over 40 countries and regions in the Middle East, Russia, Latin America, Central Asia, the EU, Africa and Oceania.

BARFUSE warmly welcome all friends to visiting us and mutually cooperate and create brilliant future hand in hand.





FUSE RAIL	01-02
VERTICAL FUSE SWITCH DISCONNECTOR	03-04
NT/NH FUSE & FUSE BASE	05-06
PAN ASSEMBLY BUSBAR	07-10
CHANGEOVER SWITCH	11-13
METAL DISTRIBUTION BOX	14-19
PLASTIC DISTRIBUTION BOX	20-23
JUNCTION BOX	24-25
SPIRAL WRAPPING BAND	26
SPARE PARTS FOR FEEDER PILLAR AND DISTRIBUTION BOX	27-28



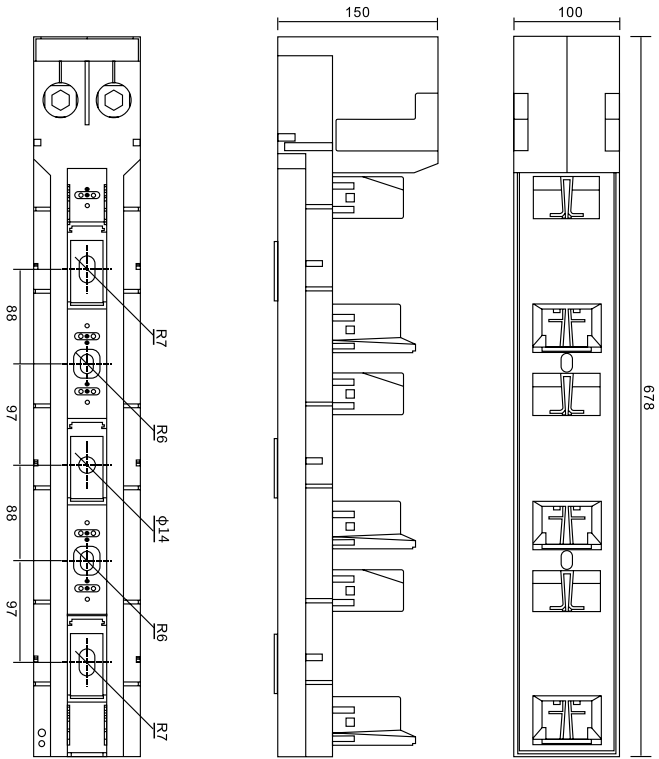
BTR2 series fuse rail

Technical Parameter:



Type of Fuse Switch	BTR2-250			BTR2-400			BTR2-630		
Ue	415,500,690V								
Ith	250A			400A			630A		
Frequency	50/60Hz			50/60Hz			50/60Hz		
Ui	1000V			1000V			1000V		
Uimp	10kV			10KV			10KV		
Application category	415KV	500V	690V	415KV	500V	690V	415KV	500V	690V
	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B
Degree Of Protection	IP30			IP30			IP30		
Fuse Size	1			2			3		
Ue	415V	500V	690V	415V	500V	690V	415V	500V	690V
Ie	250A	250A	200A	400A	400A	350A	630A	630A	500A
Wire Specifications	120mm ²			240mm ²			300mm ²		
General Connect on Mode	Screw&Cable lug								
The Special Connecti on Mode	V-clamp								
Installation of Busbar	1.Punched rectangle busbar 2.Unpunched rectangle busbar 3.Other								
Fixed Way	1.Screw 2.Hook 3.Othercustorn accessones								

Installation dimension:



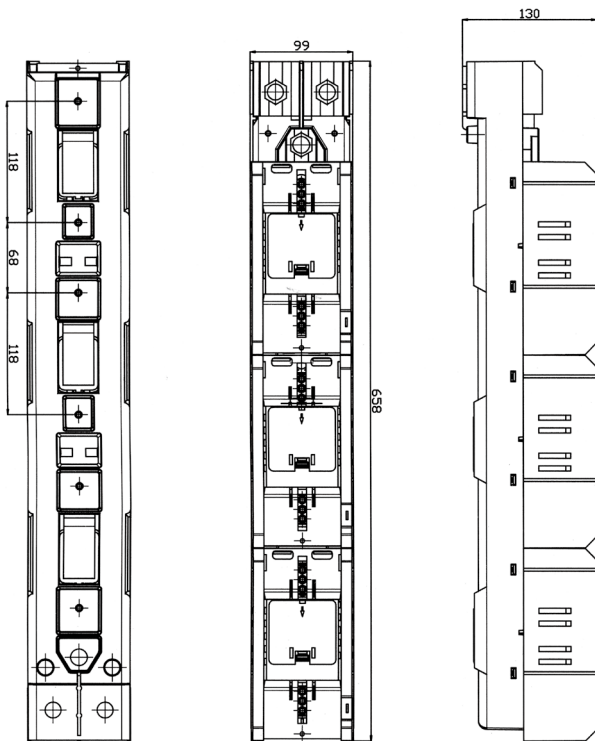
BTR5 series fuse rail

Technical Parameter:



Type of Fuse Switch	BTR5-250			BTR5-400			BTR5-630		
Ue	415,500,690V								
Ith	250A			400A			630A		
Frequency	50/60Hz			50/60Hz			50/60Hz		
Ui	1000V			1000V			1000V		
Uimp	10kV			10kV			10kV		
Application category	415V	500V	690V	415V	500V	690V	415V	500V	690V
	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B
Degree Of Protection	IP30			IP30			IP30		
Fuse Size	1			2			3		
Ue	415V	500V	690V	415V	500V	690V	415V	500V	690V
Ic	250A	250A	250A	400A	400A	350A	630A	630A	500A
Wire Specifications	120mm ²			240mm ²			300mm ²		
General Connection Mode	Screw&Cable lug								
The Special Connecunon Mode	V-clamp								
Installation of Busbar	1.Punched rectangle busbar 2.Unpunched rectangle busbar 3.Other								
Fixed Way	1.Screw 2.Hook 3.Other custom accessories								

Installation dimension:



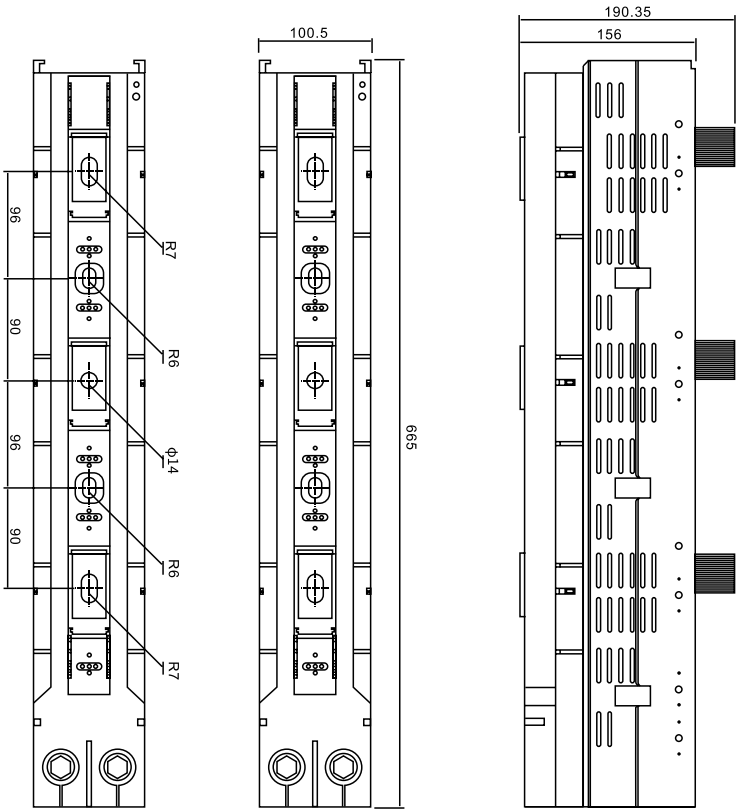
BTR3 series strip type fuse switch disconnecter

Technical Parameter:



Type of Fuse Switch	BTR3-250			BTR3-400			BTR3-630		
Ue	415,500,690V								
Ith	250A			400A			630A		
Frequency	50/60Hz			50/60Hz			50/60Hz		
Ui	1000V			1000V			1000V		
Uimp	10kV			10kV			10kV		
Application category	415V	500V	690V	415V	500V	690V	415V	500V	690V
	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B
Degree Of Protection	IP30			IP30			IP30		
Fuse Size	1			2			3		
Ue	415V	500V	690V	415V	500V	690V	415V	500V	690V
Ie	250A	250A	250A	400A	400A	350A	630A	630A	500A
Wire Specifications	120mm ²			240mm ²			300mm ²		
General Connection Mode	Screw&Cable lug			Screw&Cable lug			Screw&Cable lug		
The Special Connection Mode	V-clamp								
Installation of Busbar	Punched rectangle busbar			Unpunched rectangle busbar			Other		
Fixed Way	Screw			Hook			Other custom accessories		

Installation dimension:



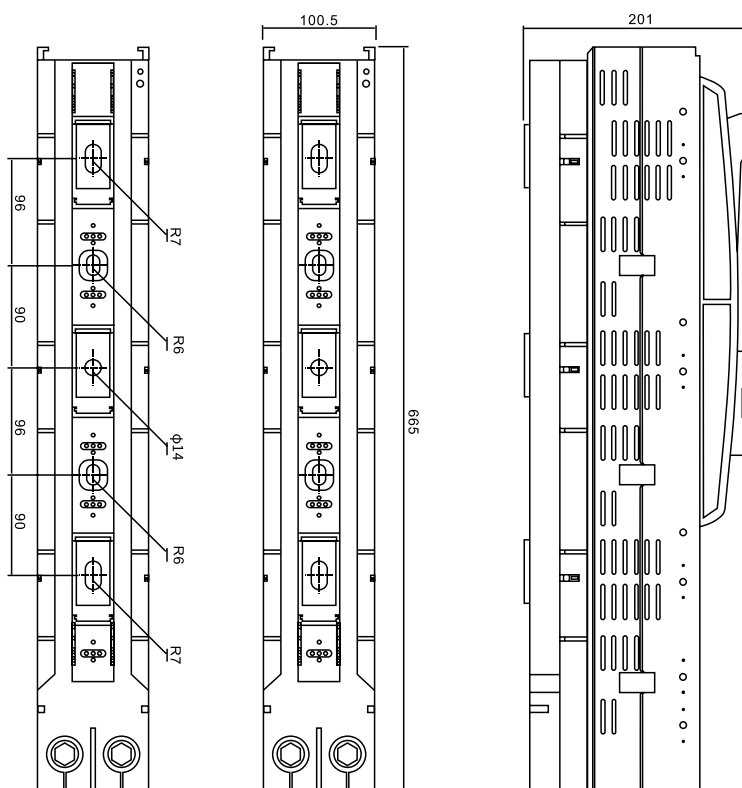
BTR4 series strip type fuse switch disconnector

Technical Parameter:



Type of Fuse Switch	BTR4-250			BTR4-400			BTR4-630		
Uc	415,500,690V								
Ith	250A			400A			630A		
Frequency	50/60Hz			50/60Hz			50/60Hz		
Ui	1000V			1000V			1000V		
Uimp	10kV			10kV			10kV		
Application category	415V	500V	690V	415V	500V	690V	415V	500V	690V
	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B
Degree Of Protection	IP30			IP30			IP30		
Fuse Size	1			2			3		
Uc	415V	500V	690V	415V	500V	690V	415V	500V	690V
Ie	250A	250A	250A	400A	400A	350A	630A	630A	500A
Wire Specifications	120mm ²			240mm ²			300mm ²		
General Connection Mode	Screw&Cable lug			Screw&Cable lug			Screw&Cable lug		
The Special Connection Mode	V-clamp								
Installation of Busbar	Punched rectangle busbar			Unpunched rectangle busbar			Other		
Fixed Way	Screw			Hook			Other custom accessories		

Installation dimension:



NT/NH series fuse & fuse base

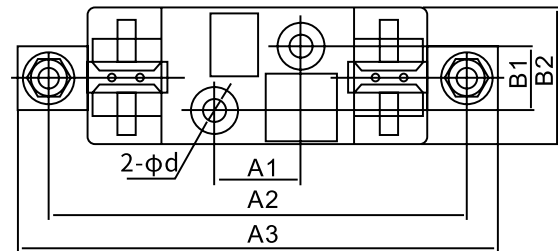
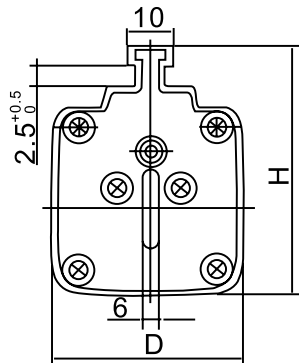
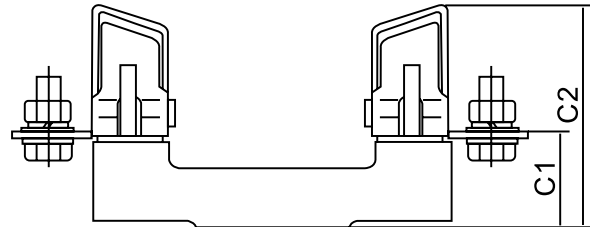
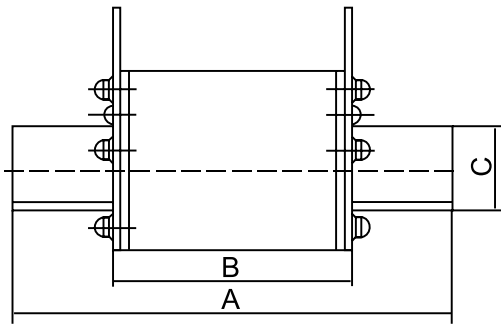
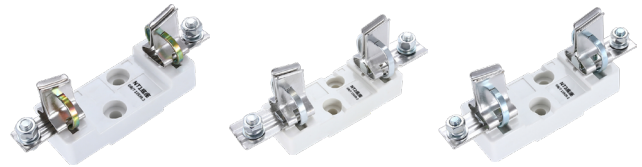
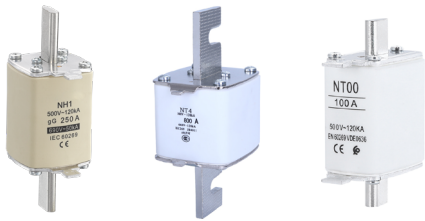
NT/NH series of fuse links are mainly used in electrical equipments for protecting the circuits against overload and short-circuit. It also can protect motor.

They are suitable for the circuit of AC50Hz, rated voltage up to 1140V, rated current up to 1250A.

The breaking capacity of the fuse links is 120KA.

The fuse links conform to the standards of IEC269.

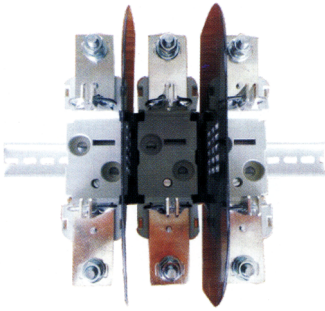
NT/NH series



Model of fuse link		Rated voltage (V)	Rated current (A)	Weight (g)	Drawing No.	Overall dimension (mm)				
						A	B	C	D	H
NT1/NH1	-	500/690	32-250	360	1.4	135	68	20	48	62
NT2/NH2	-	500/690	80-400	650	1.4	150	68	25	58	72
NT3/NH3	-	500/690	160-630	850	1.4	150	68	32	67	84.5

Model size and specification of applicable fuse link	Rated insulation voltage	Rated current (A)	Weight (g)	Drawing No.	Overall dimension (mm)							
					A1	A2	A3	B1	B2	C1	C2	φd
NT1/NH1	690	250	550	2.15	25	175	200	30	58	38	84	10.5
NT2/NH2	690	400	770	2.15	25	200	225	30	60	38	100	10.5
NT3/NH3	690	630	965	2.15	25	210	250	30	60	40	105	10.5

BH series DIN rail fuse base



Product Description

Barfuse BH series fuse bases range has been designed with nylon bodies DIN-Rail and/or screw mounting.

This range comes with an accessories,including phase barriers: IP20 finger safe protection kits and neutral links.

Technical data:

Rated voltage: 690V

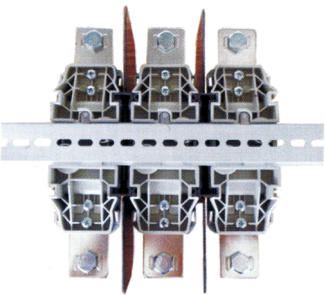
Rated current: 160 to 630 A

Rated for fuse links with breaking capacity of 120 kA

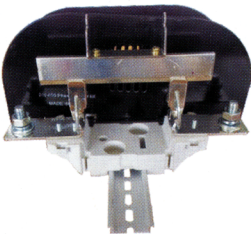
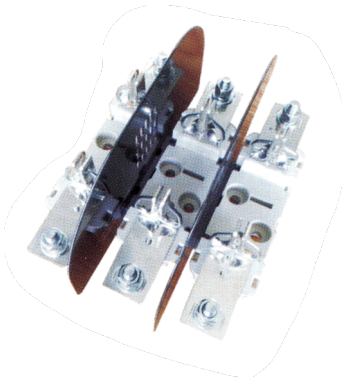
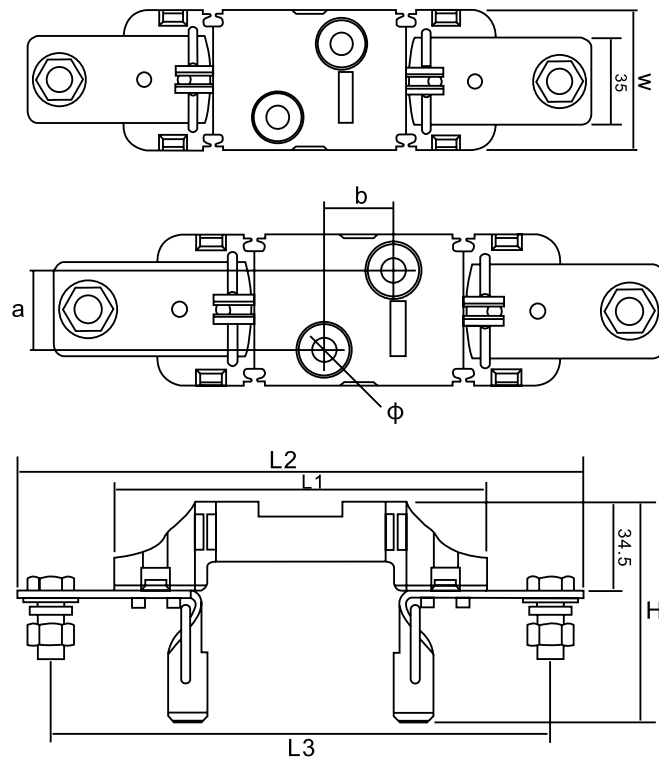
Standard/Approvals:

IEC 60269-1 and 2

VDE 0636-1 and 2



DRAWING



TYPE SPECIFICATION

ITEM	OVERALL SIZE (L1, L2, L3×W×H)	INSTALLATION (a×b×φ)
BH-250	148, 196, 175×55.5×86	29.5×25.5×9.5
BH-400	148, 224, 198×55.5×86	29.5×25.5×9.5
BH-630	148, 247, 207×55.5×86	29.5×25.5×9.5

BP3 series MCCB pan assembly



Rated Current:

Incoming: 250A 400A 630A 800A

Outgoing: 125A 250A 400A

Outgoings quantity: 2W 4W 6W 8W 10W 12W 14W

Product Description:

This series pan assembly could be use for different brand MCCB which Pole distance 25mm/30mm/35mm/45mm

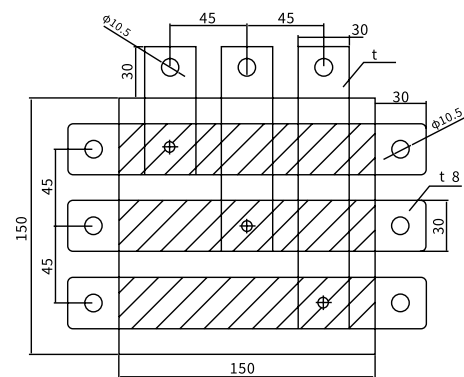
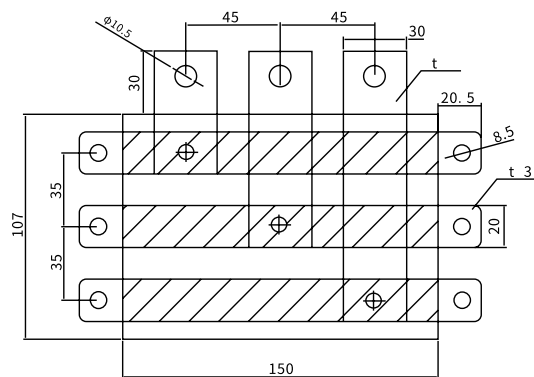
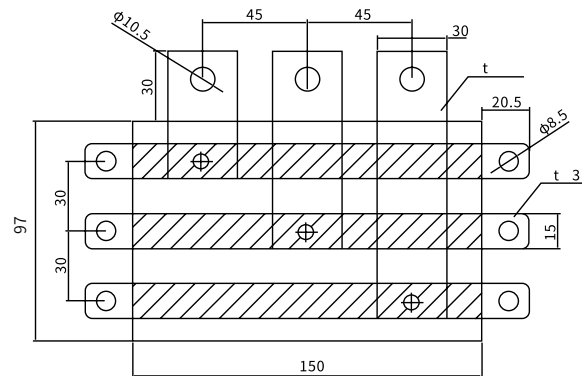
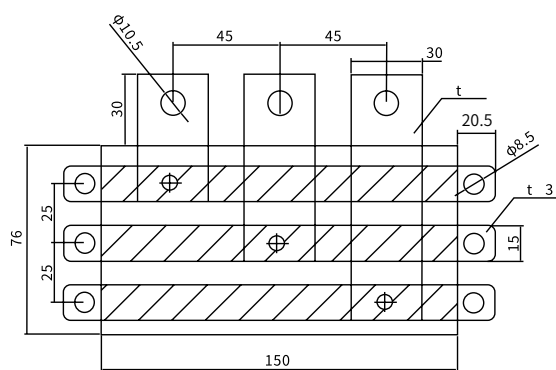


Advantage:

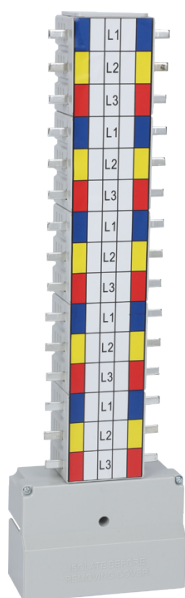
OEM is acceptable

Size could be customized accordingly
customer 's MCCB.

Installation dimension:



BP1 series MCB pan assembly



Product Description:

In electrical systems subject to the installation requirements stipulated in DIN VDE 0100 or IEC 60204-1 / EN 60204-1/VDE 0113-1 & IEC 60439, neutral, protective earth or phase conductors are often connected to central bus bars. This requires clear labeling of the conductor or the terminal block to the corresponding circuit.

The connection terminal blocks fulfill these conditions in two ways:

- By marking each terminal block individually
- By their blue, green-yellow or black colored housings

Type & Specifications:

Model	Connect Size(mm) Thickness x Width	Outline Size(mm) Thickness x Width	Bus bar Size(mm) Length x Width x Height
BP1-125A/6W	2x5	2x20	126x49x46
BP1-125A/12W	2x5	2x20	180x49x46
BP1-125A/18W	2x5	2x20	234x49x46
BP1-125A/24W	2x5	2x20	288x49x46
BP1-125A/30W	2x5	2x20	342x49x46
BP1-125A/36W	2x5	2x20	396x49x46
BP1-125A/42W	2x5	2x20	450x49x46
BP1-125A/48W	2x5	2x20	504x49x46
BP1-125A/54W	2x5	2x20	558x49x46
BP1-125A/60W	2x5	2x20	642x49x46
BP1-125A/66W	2x5	2x20	696x49x46
BP1-125A/72W	2x5	2x20	750x49x46
BP1-250A/6W	3x5	3x20	126x49x46
BP1-250A/12W	3x5	3x20	180x49x46
BP1-250A/18W	3x5	3x20	234x49x46
BP1-250A/24W	3x5	3x20	288x49x46
BP1-250A/30W	3x5	3x20	342x49x46
BP1-250A/36W	3x5	3x20	396x49x46
BP1-250A/42W	3x5	3x20	450x49x46
BP1-250A/48W	3x5	3x20	504x49x46
BP1-250A/54W	3x5	3x20	558x49x46
BP1-250A/60W	3x5	3x20	642x49x46
BP1-250A/66W	2x5	3x20	696x49x46
BP1-250A/72W	2x5	3x20	750x49x46

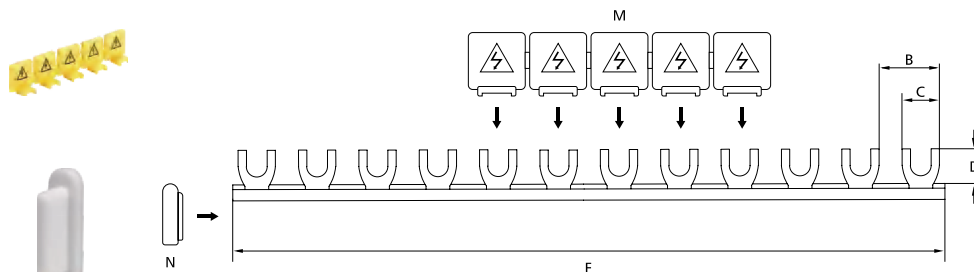
Comb busbar series

Fork type



Description	Article No.	A Cross Section	B Distance (mm)	C Width of Fork(mm)	D Length of Fork(mm)	E Modules	F Length (mm)	G Reference Current
F-1L-210/8	KF11208	8mm ²	17.8	12	12	12	210	50A
F-1L-210/10	KF11210	10mm ²	17.8	12	12	12	210	63A
F-1L-210/13	KF11213	13mm ²	17.8	12	12	12	210	70A
F-1L-210/16	KF11216	16mm ²	17.8	12	12	12	210	80A
F-1L-1000/8	KF15408	8mm ²	17.8	12	12	54	1000	50A
F-1L-1000/10	KF15410	10mm ²	17.8	12	12	54	1000	63A
F-1L-1000/13	KF15413	13mm ²	17.8	12	12	54	1000	70A
F-1L-1000/16	KF15416	16mm ²	17.8	12	12	54	1000	80A
F-1L-1016/8	KF15708	8mm ²	17.8	12	12	57	1016	50A
F-1L-1016/10	KF15710	10mm ²	17.8	12	12	57	1016	63A
F-1L-1016/13	KF15713	13mm ²	17.8	12	12	57	1016	70A
F-1L-1016/16	KF15716	16mm ²	17.8	12	12	57	1016	80A
Fork type, 2-phase busbars (M6)								
F-2L-210/8	KF21208	8mm ²	17.8	12	12	12	210	50A
F-2L-210/10	KF21210	10mm ²	17.8	12	12	12	210	63A
F-2L-210/13	KF21213	13mm ²	17.8	12	12	12	210	70A
F-2L-210/16	KF21216	16mm ²	17.8	12	12	12	210	80A
F-2L-1000/8	KF25408	8mm ²	17.8	12	12	54	1000	50A
F-2L-1000/10	KF25410	10mm ²	17.8	12	12	54	1000	63A
F-2L-1000/13	KF25413	13mm ²	17.8	12	12	54	1000	70A
F-2L-1000/16	KF25416	16mm ²	17.8	12	12	54	1000	80A
F-2L-1016/8	KF25608	8mm ²	17.8	12	12	56	1016	50A
F-2L-1016/10	KF25610	10mm ²	17.8	12	12	56	1016	63A
F-2L-1016/13	KF25613	13mm ²	17.8	12	12	56	1016	70A
F-2L-1016/16	KF25616	16mm ²	17.8	12	12	56	1016	80A
Fork type, 3-phase busbars (M6)								
F-3L-210/8	KF31208	8mm ²	17.8	12	12	12	210	50A
F-3L-210/10	KF31210	10mm ²	17.8	12	12	12	210	63A
F-3L-210/13	KF31213	13mm ²	17.8	12	12	12	210	70A
F-3L-210/16	KF31216	16mm ²	17.8	12	12	12	210	80A
F-3L-1000/8	KF35408	8mm ²	17.8	12	12	54	1000	50A
F-3L-1000/10	KF35410	10mm ²	17.8	12	12	54	1000	63A
F-3L-1000/13	KF35413	13mm ²	17.8	12	12	54	1000	70A
F-3L-1000/16	KF35416	16mm ²	17.8	12	12	54	1000	80A
F-3L-1016/8	KF35708	8mm ²	17.8	12	12	57	1016	50A
F-3L-1016/10	KF35710	10mm ²	17.8	12	12	57	1016	63A
F-3L-1016/13	KF35713	13mm ²	17.8	12	12	57	1016	70A
F-3L-1016/16	KF35716	16mm ²	17.8	12	12	57	1016	80A
Fork four-pole busbars (M6)								
F-4L-210/8	KF41208	8mm ²	17.8	12	12	12	210	50A
F-4L-210/10	KF41210	10mm ²	17.8	12	12	12	210	63A
F-4L-210/13	KF41213	13mm ²	17.8	12	12	12	210	70A
F-4L-210/16	KF41216	16mm ²	17.8	12	12	12	210	80A
F-4L-1016/8	KF45608	8mm ²	17.8	12	12	56	1016	50A
F-4L-1016/10	KF45610	10mm ²	17.8	12	12	56	1016	63A
F-4L-1016/13	KF45613	13mm ²	17.8	12	12	56	1016	70A
F-4L-1016/16	KF45616	16mm ²	17.8	12	12	56	1016	80A

Overall and installation dimensions:



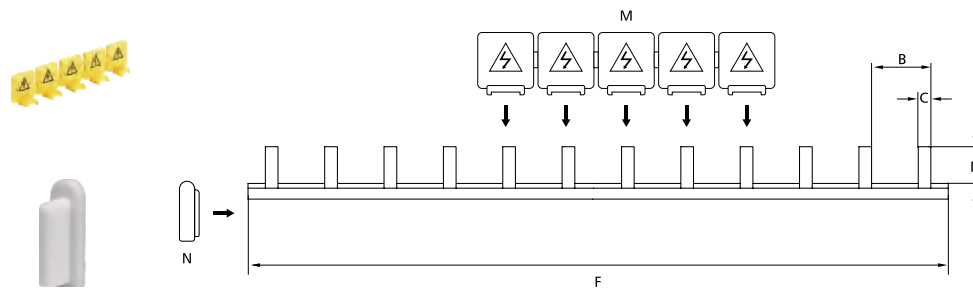
Comb busbar series



Pin type

Description	Article No.	A Cross Section	B Distance (mm)	C Width of Pin(mm)	D Length of Pin(mm)	E Modules	F Length (mm)	G Reference Current
S-1L-210/8	KS11208	8mm ²	17.8	4	11.5	12	210	50A
S-1L-210/10	KS11210	10mm ²	17.8	4	11.5	12	210	63A
S-1L-210/13	KS11213	13mm ²	17.8	4	11.5	12	210	70A
S-1L-210/16	KS11216	16mm ²	17.8	4	11.5	12	210	80A
S-1L-1000/8	KS15408	8mm ²	17.8	4	11.5	54	1000	50A
S-1L-1000/10	KS15410	10mm ²	17.8	4	11.5	54	1000	63A
S-1L-1000/13	KS15413	13mm ²	17.8	4	11.5	54	1000	70A
S-1L-1000/16	KS15416	16mm ²	17.8	4	11.5	54	1000	80A
S-1L-1016/8	KS15708	8mm ²	17.8	4	11.5	57	1016	50A
S-1L-1016/10	KS15710	10mm ²	17.8	4	11.5	57	1016	63A
S-1L-1016/13	KS15713	13mm ²	17.8	4	11.5	57	1016	70A
S-1L-1016/16	KS15716	16mm ²	17.8	4	11.5	57	1016	80A
Pin type, 2-phase busbars								
P-2L-210/8	KP21208	8mm ²	17.8	4	11.5	12	210	50A
P-2L-210/10	KP21210	10mm ²	17.8	4	11.5	12	210	63A
P-2L-210/13	KP21213	13mm ²	17.8	4	11.5	12	210	70A
P-2L-210/16	KP21216	16mm ²	17.8	4	11.5	12	210	80A
P-2L-1000/8	KP25408	8mm ²	17.8	4	11.5	54	1000	50A
P-2L-1000/10	KP25410	10mm ²	17.8	4	11.5	54	1000	63A
P-2L-1000/13	KP25413	13mm ²	17.8	4	11.5	54	1000	70A
P-2L-1000/16	KP25416	16mm ²	17.8	4	11.5	54	1000	80A
P-2L-1016/8	KP25608	8mm ²	17.8	4	11.5	56	1016	50A
P-2L-1016/10	KP25610	10mm ²	17.8	4	11.5	56	1016	63A
P-2L-1016/13	KP25613	13mm ²	17.8	4	11.5	56	1016	70A
P-2L-1016/16	KP25616	16mm ²	17.8	4	11.5	56	1016	80A
Pin type, 3-phase busbars								
P-3L-210/8	KP31208	8mm ²	17.8	4	11.5	12	210	50A
P-3L-210/10	KP31210	10mm ²	17.8	4	11.5	12	210	63A
P-3L-210/13	KP31213	13mm ²	17.8	4	11.5	12	210	70A
P-3L-210/16	KP31216	16mm ²	17.8	4	11.5	12	210	80A
P-3L-1000/8	KP35408	8mm ²	17.8	4	11.5	54	1000	50A
P-3L-1000/10	KP35410	10mm ²	17.8	4	11.5	54	1000	63A
P-3L-1000/13	KP35413	13mm ²	17.8	4	11.5	54	1000	70A
P-3L-1000/16	KP35416	16mm ²	17.8	4	11.5	54	1000	80A
P-3L-1016/08	KP35708	8mm ²	17.8	4	11.5	57	1016	50A
P-3L-1016/10	KP35710	10mm ²	17.8	4	11.5	57	1016	63A
P-3L-1016/13	KP35713	13mm ²	17.8	4	11.5	57	1016	70A
P-3L-1016/16	KP35716	16mm ²	17.8	4	11.5	57	1016	80A
Pin type, 4-phase busbars								
P-4L-210/8	KP41208	8mm ²	17.8	4	11.5	12	210	50A
P-4L-210/10	KP41210	10mm ²	17.8	4	11.5	12	210	63A
P-4L-210/13	KP41213	13mm ²	17.8	4	11.5	12	210	70A
P-4L-210/16	KP41216	16mm ²	17.8	4	11.5	12	210	80A
P-4L-1016/8	KP45608	8mm ²	17.8	4	11.5	56	1016	50A
P-4L-1016/10	KP45610	10mm ²	17.8	4	11.5	56	1016	63A
P-4L-1016/13	KP45613	13mm ²	17.8	4	11.5	56	1016	70A
P-4L-1016/16	KP45616	16mm ²	17.8	4	11.5	56	1016	80A

Overall and installation dimensions:



MCS-E series changeover switch (IP65)



Application:

MCS-E series changeover switch is mainly applied to industrial and mining enterprises to change over circuit and switch phases. When the switch is in operation, the door is locked and can not be opened until the power is cut off then the door can be opened for check and repair.

Material:

1. Steel sheet and copper fittings inside;
2. Paint finish: Both externally and internally;
3. Protected with epoxy polyester coating;
4. Textured finish RAL7032 or RAL7035 .

Lifetime:

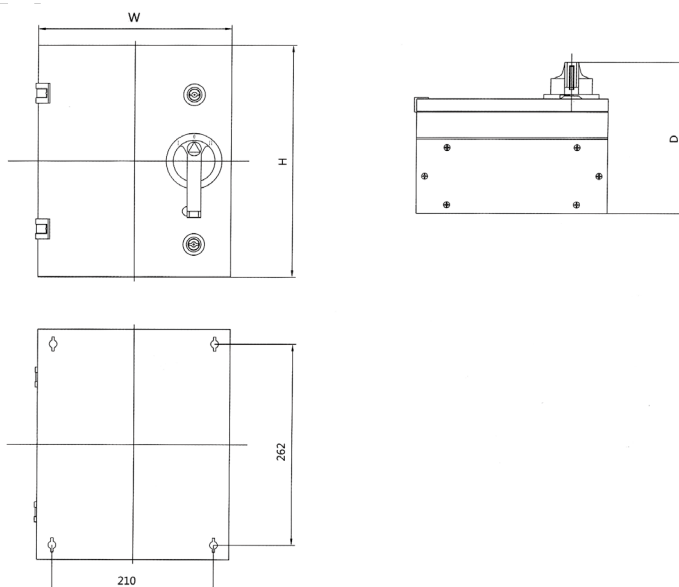
More than 20 years;

Our products are accord with IEC 60947-3 standard.

Specifications:

Model	Amps	Dimensions(mm)		
		W	H	D
MCS-E-32	32	200	300	170
MCS-E-63	63	250	300	200
MCS-E-100	100	250	300	200
MCS-E-125	125	200	300	170
MCS-E-200	200	300	400	255

Overall and installation dimensions:



MCH-HN series changeover switch (old type) IP40

Application:

MCH-HN series changeover switch is mainly applied to industrial and mining enterprises to change over circuit and switch phases. When the switch is in operation, the door is locked and can not be opened until the power is cut off then the door can be opened for check and repair.



Material:

1. Steel sheet and copper fittings inside;
2. Paint finish: Both externally and internally;
3. Protected with epoxy polyester coating;
4. Textured finish RAL7032 or RAL7035.

Lifetime:

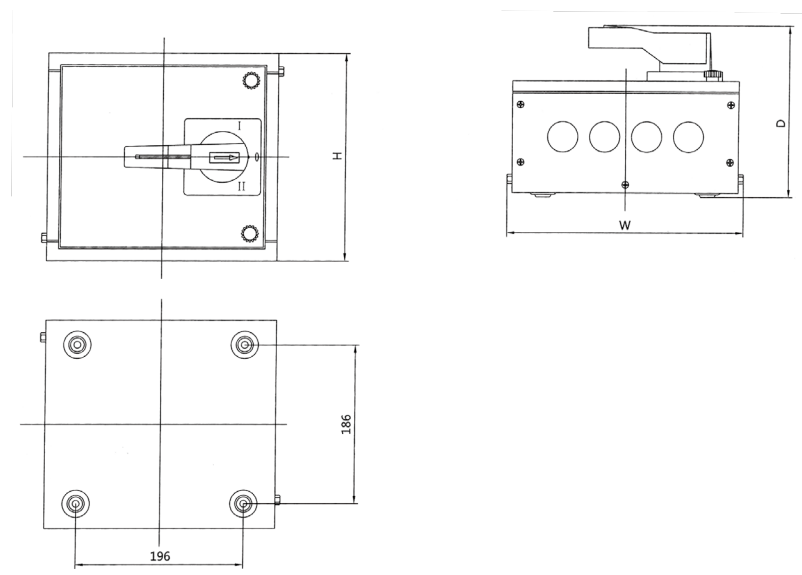
More than 20 years;
Our products are accord with IEC 60947-3 standard.



Specifications:

Model	Amps	AL Wire(mm ²)	CU Wire(mm ²)
MCH-HN-16	16	4	2.5
MCH-HN-32	32	16	10
MCH-HN-63	63	25	16
MCH-HN-100	100	50	35
MCH-HN-125	125	95	75
MCH-HN-200	200	185	150

Overall and installation dimensions:



UCS-H series changeover switch (new type)

Application:

UCS-H series changeover switch (New Type) is with impressive features to make the enclosure a suitable addition to any high-tech equipment installation.

Material:

1. Steel sheet and copper fittings inside;
2. Paint finish: Both externally and internally;
3. Protected with epoxy polyester coating;
4. Textured finish RAL7032 or RAL7035.

Lifetime:

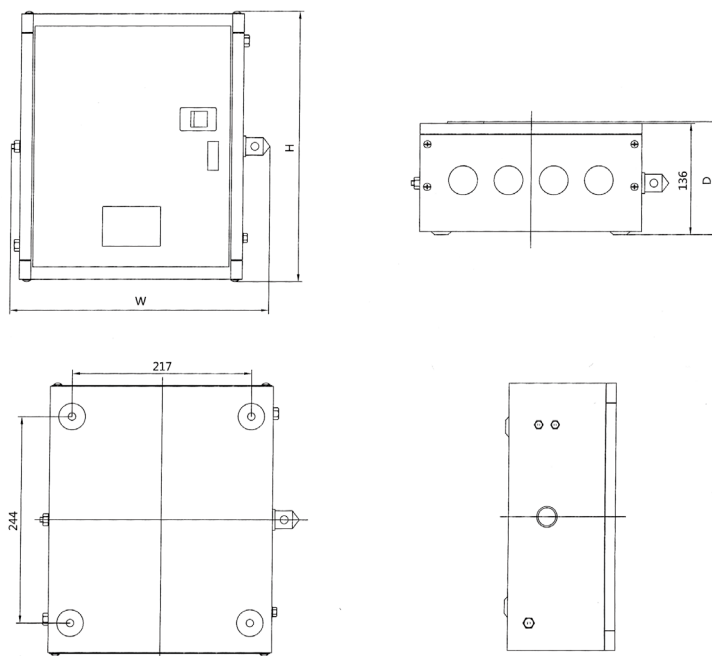
More than 20 years;

Our products are accord with IEC 60947-3 standard.

Specifications:

Model	Amps	Dimensions(mm)		
		W	H	D
UCS-H-32	32	221	235	110
UCS-H-63	63	308	327	138
UCS-H-100	100	327	440	144

Overall and installation dimensions:



UDB-A series 3 phase distribution box (IP40)

Application:

UDB-A series 3 phase distribution box is Safe and reliable electric service entrance distribution and control equipment for residential, commercial and light industrial equipment. MCB is plug-in design. The product is used for both indoor and outdoor.

Material:

1. Steel sheet and copper fittings inside;
2. Paint finish: Both externally and internally;
3. Protected with epoxy polyester coating;
4. Textured finish RAL7032 or RAL7035.

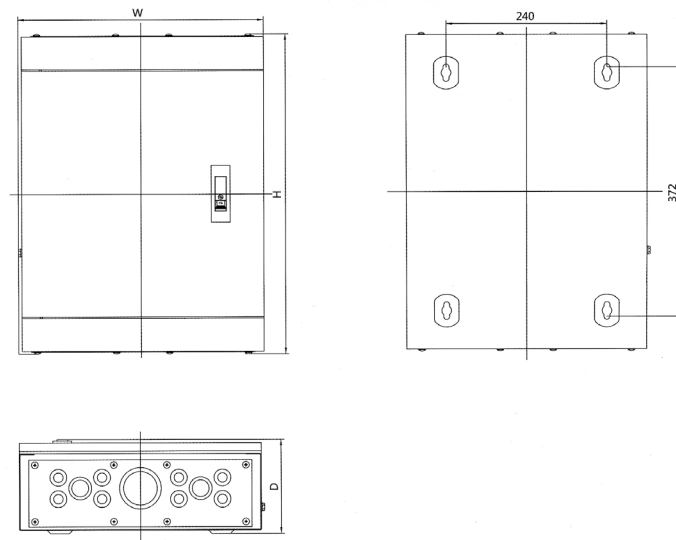
Lifetime:

More than 20 years;
Our products are accord with IEC 60947-3 standard.

Specifications:

Surface type model	No.of ways	Dimensions(mm)		
		W	H	D
UDB-A-TPN-4-S	4 ways	365	470	135
UDB-A-TPN-6-S	6 ways	365	545	135
UDB-A-TPN-8-S	8 ways	365	620	135
UDB-A-TPN-12-S	12 ways	365	770	135

Overall and installation dimensions:



UDB-H series 3 phase distribution box (old type)

Product Description:

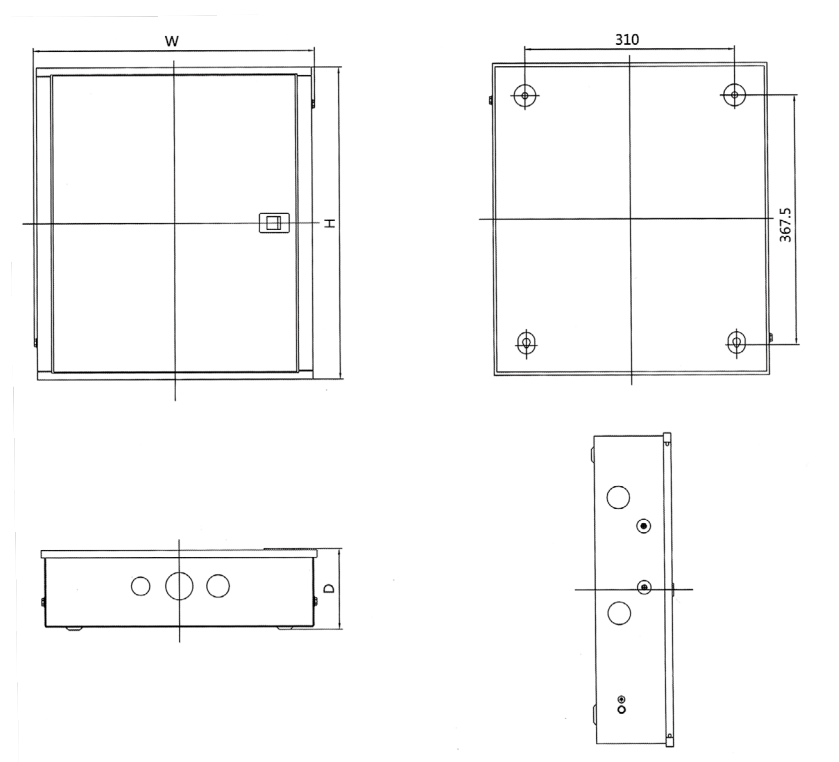
The UDB-H distribution boards are available with a fixed load or split load pan assembly. They have a fully flush fitted metal door with a "slam" type catch. All boards are delivered with both Neutral and Earth bars fitted and the neutral is designed to wrap around the incoming device to ensure that extra wiring space is available for the outgoing devices.

The incoming device must be selected and fitted by the installer. The top and bottom gland plates are removable and also include knock-outs to suit standard size conduits. The pan assembly is fully shrouded and the busbars are one piece in design, this ensures that no "hot spots" can occur as there are no mechanical joints. The boards confirm to BSEN 60439-1 & 3.

Specifications:

Model	No.of ways	Dimensions(mm)		
		W	H	D
UDB-H-TPN-4	4 ways	405	451	118
UDB-H-TPN-6	6 ways	405	505	118
UDB-H-TPN-8	8 ways	405	559	118
UDB-H-TPN-12	12 ways	405	677	118

Overall and installation dimensions:



UDB-NC series distribution box (chassis enclosure type) IP40

Application:

UDB-NC series distribution box (chassis enclosure type) which provided with new construction design is used for modular equipment with adjustable distance between the 35 mm. Symmetrical profile and cover plate from 40 to 85mm. Chassis made of galvanized steel. Blank cover plate and metal frame painted with RAL-7032 .Terminal blocks for earth and neutral.

Material:

1. Steel sheet and copper fittings inside;
2. Paint finish: Both externally and internally;
3. Protected with epoxy polyester coating;
4. Textured finish RAL7032 or RAL7035.
5. wiring Circuit identification system supplied as standard.

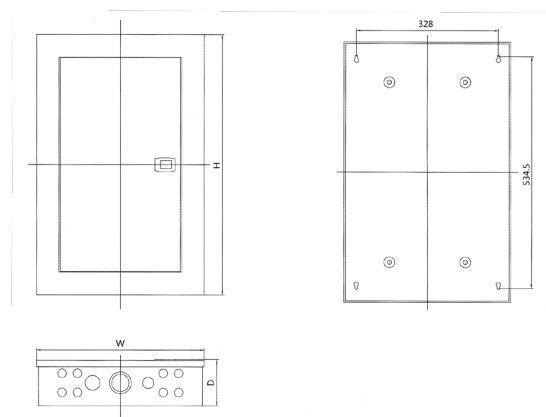
Lifetime:

More than 20 years;
Our products are accord with IEC 60947-3 standard.

Specifications:

Model	No.of rows	No.of ways	Dimensions(mm)		
			W	H	D
UDB-NC	1	6	267	257	110
UDB-NC	1	8	303	257	110
UDB-NC	1	10	339	257	110
UDB-NC	1	12	375	257	110
UDB-NC	1	14	411	257	110
UDB-NC	1	16	447	257	110
UDB-NC	1	18	483	257	110
UDB-NC	1	20	519	257	110
UDB-NC	1	22	555	257	110
Model	No.of rows	No.of ways	Dimensions(mm)		
			W	H	D
UDB-NC	2	24	440	450	115
UDB-NC	2	26	458	450	115
UDB-NC	2	28	476	450	115
UDB-NC	2	30	494	450	115
UDB-NC	3	36	440	600	115
UDB-NC	3	45	494	600	115
UDB-NC	3	54	548	600	115
UDB-NC	3	60	584	600	115
UDB-NC	3	72	656	600	115

Overall and installation dimensions:



UDB-N series 1 phase distribution box (IP40)

Application:

UDB-N series 1 phase distribution box which provided with new construction and reliable capacity is applied to indoor electrical system to protect distribution switches with the capacity of delay and protecting the circuit from overload. The box is composed of Zero line and N line terminal and can be divided into flush install and surface install.

Material:

1. Steel sheet and copper fittings inside;
2. Paint finish: Both externally and internally;
3. Protected with epoxy polyester coating;
4. Textured finish RAL7032 or RAL7035.

Lifetime:

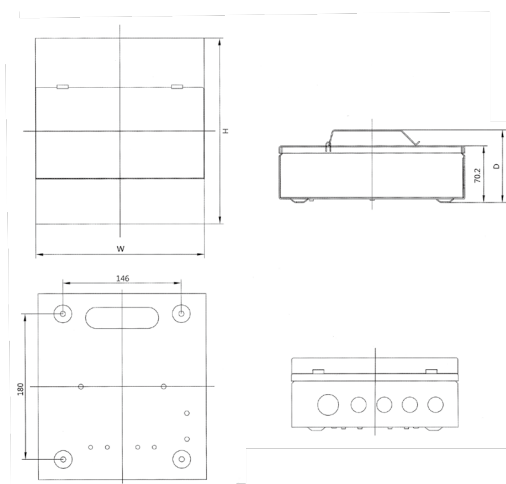
More than 20 years;

Our products are accord with IEC 60947-3 standard.

Specifications:

Model	No.of ways	Size of surface type (mm)			Size of flush type (mm)		
		W	H	D	W	H	D
UDB-N	6 ways	208	230	90	221	243	90
UDB-N	8 ways	244	230	90	257	243	90
UDB-N	10 ways	280	230	90	293	243	90
UDB-N	12 ways	316	230	90	329	243	90
UDB-N	14 ways	352	230	90	365	243	90
UDB-N	16 ways	388	230	90	401	243	90
UDB-N	18 ways	424	230	90	437	243	90
UDB-N	20 ways	460	230	90	473	243	90
UDB-N	22 ways	496	230	90	509	243	90

Overall and installation dimensions:



UGS-M series gear switch (IP40)

Application:

UGS-M series gear switch is mainly applied to the distribution network of the industrial and mining enterprises as cable conductor, protect the circuit from overload and short circuit and connect and break power in the normal lock power condition .

Material:

1. Steel sheet and copper fittings inside;
2. Paint finish: Both externally and internally;
3. Protected with epoxy polyester coating;
4. Textured finish RAL7032 or RAL7035.

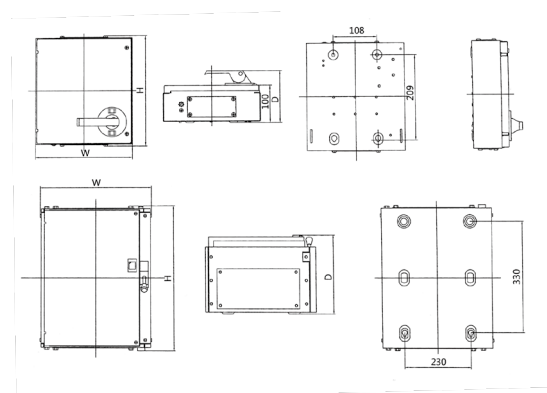
Lifetime:

More than 20 years;
Our products are accord with
IEC 60947-3 standard.

Specifications:

Switch-disconnector	Switch-disconnector -hrc fuse	Rated current	Utilization category at ue 415V to bsen60947-3		250V DC rating to bs5419	Poles	Hrc fuses fitted
Model	Model		AC22A	AC32A	DC23		
-	SL15SC2F*		20A	-	20A#	SPSN	20SA2
UGS-M 15D2	SL15DC2F	20A	20A	-	20A#	DP	20SA2
UGS- M15TN2	SL15TNC2F		20A	11A	-	TPN	20SA2
-	SL30SC2F*		32A	-	32A	SPSN	32SB3
UGS-M30D2	SL30DC2F	32A	32A	-	32A	DP	32SB3
UGS- M30TN2	SL30TNC2F		32A	22A	-	TPN	32SB3
-	SL60SC2F*		63A	-	63A	SPSN	63SB4
UGS-M60D2	SL60DC2F	63A	63A	-	63A	DP	63SB4
UGS- M60TN2	SL60TNC2F		63A	39A	-	TPN	63SB4
-	SL100SC2F*		100A	-	100A	SPSN	100SD5+
UGS-M 100D2	SL100DC2F	100A	100A	-	100A	DP	100SD5+
UGS-M 100TN2	SL100TNC2F		100A	52A	-	TPN	100SD5+
UGS- M200TN2	SL200TNC2F	200A	200A	52A	200A	TPN	200SD6+

Overall and installation dimensions:



MDB-JXF series waterproof distribution box (IP65)



Product Description:

Double door metal enclosure/double door electrical metal enclosure

Material:

1. Steel sheet
2. Enclosure : 1.2mm-1.5mm
3. Door: 1.2mm-1.5mm
4. Mounting plate: 2.0mm

Protection:

- Protection degree: IP65
Impact resistance: IK10



Surface finish:

1. Enclosure and door: Dipcoat-primed,powder-coated in textured Ral7032 or Ral7035 outside
2. Mounting plate: RA12000 or galvanized

Specifications:

Height	Width	Depth
200	200	150
300	250	150
300	250	200
300	300	150
300	300	200
300	400	200
400	300	150
400	300	200
400	400	200
400	600	250
400	600	300
500	400	150
500	400	200
500	400	250
500	500	250
600	400	150
600	400	200
600	400	250
600	500	150
600	500	200
600	500	250
600	600	250

Height	Width	Depth
600	600	300
600	800	300
700	500	200
700	500	250
800	600	200
800	600	250
800	600	300
800	600	400
800	800	200
800	800	300
800	1000	300
1000	600	250
1000	600	300
1000	800	250
1000	800	300
1000	800	400
1000	1000	300
1000	1200	300
1200	800	300
1200	800	400
1200	1000	300

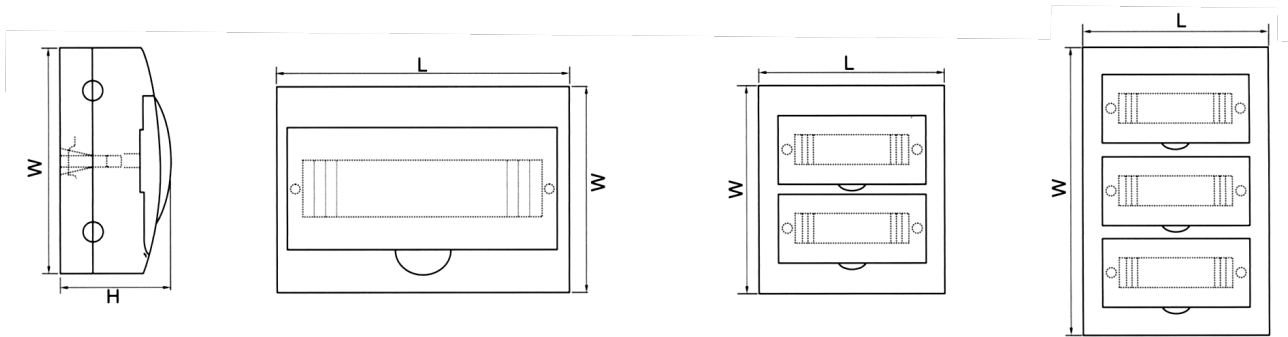
CHA-MS series pastic distribution box



1. Body material: ABS
2. Transparent door: PC
3. Earth/Natural bars: Brass
4. Material characteristics: Impact, heat, low temperature and chemical resistance excellent electrical performance and surface gloss etc.
5. Certificates: CE, ROHS
6. Protection grade: IP50
7. Application: Suitable for indoor and outdoor electric, communication, fire fighting apparatus, iron and steel smelting, petrochemical industry, electron, power system, railway, building, mine, air and sea port, hotel, ship, works, waste water treatment equipment, environmental equipment and so on.
8. Installation:
 1. Inside: There are din rail inside for din-rail type circuit breakers, earth bar and neutral bar for cable connection.
 2. Outside: The products can be directly fixed on the wall or other flat boards with screws or nails via the screw holes in the base.
9. Outlet hole: The plastic plate in the hole can be knocked off for cables.

Model Code	Outside Dimension (mm)			G.Weight	N.Weight	Qty/Carton	Carton Dimension
	L	W	H				
CHA-MS 4WAY	112	200	95	11.5	8.7	30	51×36×42.5
CHA-MS 6WAY	148	200	95	14.9	11.5	30	51×42.5×48.5
CHA-MS 8WAY	184	200	95	16.7	12.8	30	52×42.5×58.5
CHA-MS 10WAY	222	200	95	13	9.8	20	51×43×47.5
CHA-MS 12WAY	256	200	95	14.8	11.5	20	51×43×54
CHA-MS 15WAY	310	200	95	12.8	9.9	15	51×33×63.5
CHA-MS 18WAY	365	222	95	15.2	12.8	15	52.5×38×70
CHA-MS 24WAY	271	325	97	13.2	10.3	10	53.5×34×56.5
CHA-MS 36WAY	271	462	100	18.5	14.8	5	54.5×28.5×48

Overall and installation dimensions:



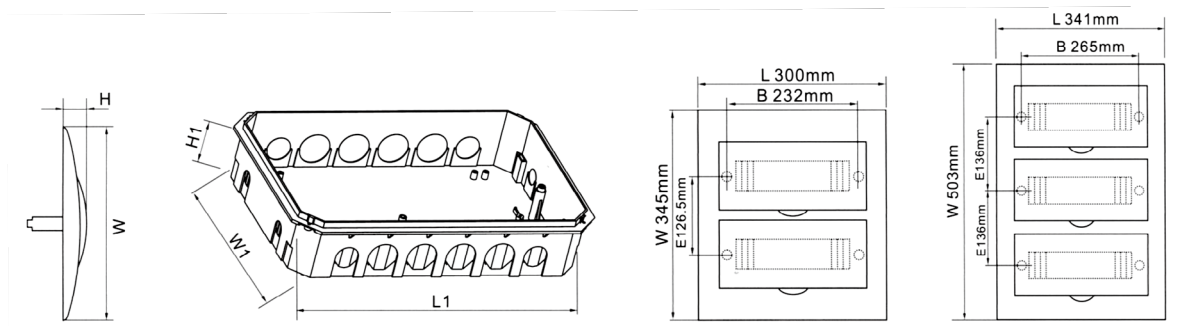
CHA-MF series pastic distribution box



1. Body material: ABS
2. Transparent door: PC
3. Earth/Natural bars: Brass
4. Material characteristics: Impact, heat, low temperature and chemical resistance excellent electrical performance and surface gloss etc.
5. Certificates: CE, ROHS
6. Protection grade: IP50
7. Application: Suitable for indoor and outdoor electric, communication, fire fighting apparatus, iron and steel smelting, petrochemical industry, electron, power system, railway, building, mine, air and sea port, hotel, ship, works, waste water treatment equipment, environmental equipment and so on.
8. Installation: 1.Inside: There are din rail inside for din-rail type circuit breakers, earth bar and neutral bar for cable connection.
2.Outside: The products can be directly fixed in the wall with screws or nails via the screw holes in the base
3. Outlet hole: The plastic plate in the hole can be knocked off for cables.

Model Code	Outside Dimension (mm)						G.Weight	N.Weight	Qty/Carton	Carton Dimension
	L1	W1	H1	L	W	H				
CHA-MF 4WAY	115	197	60	136	222	27	12.4	8.7	30	52.5×43×47
CHA-MF 6WAY	148	197	60	170	222	27	14.9	11.1	30	48.5×47.5×54
CHA-MF 8WAY	184	197	60	207	222	27	17.7	13.2	30	64×52.5×46.5
CHA-MF 10WAY	222	197	60	243	222	27	13.2	9.8	20	51×47.5×48.5
CHA-MF 12WAY	258	197	60	279	222	27	14.7	11	20	47.5×45×60.5
CHA-MF 15WAY	310	197	60	334	222	27	12.3	9.3	15	49.5×35.5×71
CHA-MF 18WAY	365	219	67	398	251	27	16.6	12.9	15	57.5×42×78
CHA-MF 24WAY	258	310	66	300	345	27	13	10	10	57×36.5×63
CHA-MF 36WAY	258	449	66	300	484	27	18.1	14.2	5	54×31.5×50.2

Overall and installation dimensions:



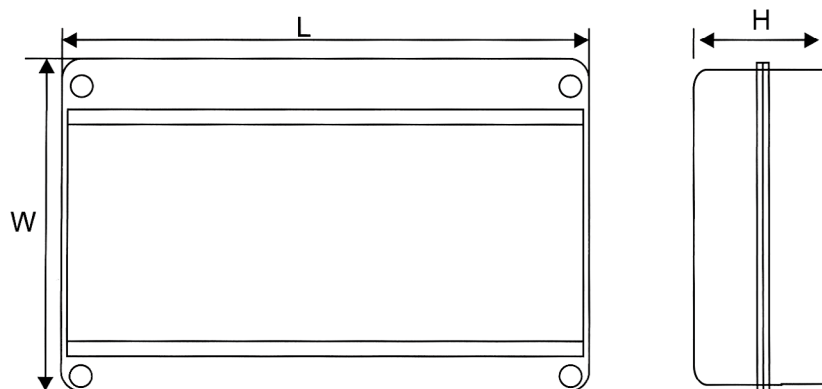
CHA-HT series pastic distribution box



1. Body material: ABS
2. Transparent door: PC
3. Material characteristics: Impact, heat, low temperature and chemical resistance, excellent electrical performance and surface gloss, etc.
4. Certificates: CE, ROHS
5. Protection grade: IP65
6. Application: Suitable for indoor and outdoor electric, communication, fire fighting apparatus, iron and steel smelting, petrochemical industry, electron, power system, railway, building, mine, air and sea port, hotel, ship, works, waste water treatment equipment, environmental equipment and so on.
7. Installation: 1.Inside: There are din rail inside for din-rail type circuit breakers, earth bar and neutral bar for cable connection.
2.Outside: The products can be directly fixed on the wall or other flat boards with screws or nails via the screw holes in the base.
8. Outlet hole: The plastic plate in the hole can be knocked off for cables.

Model Code	Outside Dimension (mm)			G.Weight	N.Weight	Qty/Carton	Carton Dimension
	L	W	H				
CHA-HT 5WAYS	115	150	90	13	11.9	40	49×33×48
CHA-HT 8WAYS	197	150	90	14.2	13.2	30	48×41.5×48.5
CHA-HT 12WAYS	250	193	105	16.3	15.3	20	52.5×40.5×57
CHA-HT 15WAYS	305	195	105	18.5	17.5	20	63×40.5×57
CHA-HT 18WAYS	360	198	105	20.4	19.4	20	74×40.5×57
CHA-HT 24WAYS	270	350	105	14.6	13.6	10	56.5×36.5×56.5

Overall and installation dimensions:



CHA-S series pastic distribution box



1. Body material: ABS

2. Material characteristics: Impact, heat, low temperature and chemical resistance, excellent electrical performance and surface gloss etc.

3. Certificates: CE, ROHS

4. Protection grade: IP30

5. Application: Suitable for indoor and outdoor electric, communication, fire fighting apparatus, iron and steel smelting, petrochemical industry, electron, power system, railway, building, mine, air and sea port, hotel, ship, works, waste water treatment equipment, environmental equipment and so on.

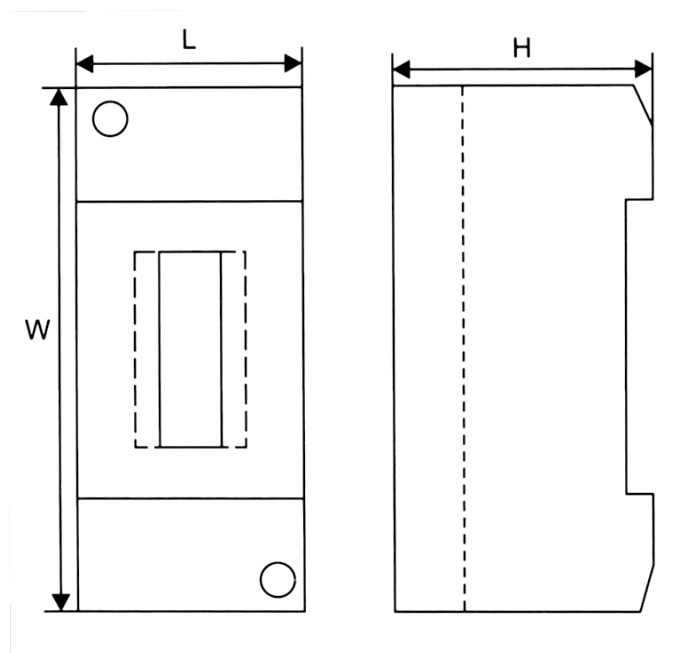
6. Installation: 1.Inside: There are din rail inside for din-rail type circuit breakers.

2.Outside: The products can be directly fixed on the wall or other flat boards with screws or nails via the screw holes in the base.

7. Outlet hole: The plastic plate in the hole can be knocked off for cables.

Model Code	Outside Dimension (mm)			G.Weight	N.Weight	Qty/Carton	Carton Dimension
	L	W	H				
CHA-S 1WAY	34	130	60	18	16.5	300	41×34.5×64
CHA-S 2WAY	52	130	60	17.3	15.8	240	54.5×32×66
CHA-S 4WAY	87	130	60	10.9	9.4	100	55×32×47

Overall and installation dimensions:



CHA-RA series waterproof junction box



1. Body material: ABS

2. Stopper material: PVC

3. Material characteristics: Impact, heat, low temperature and chemical resistance, excellent electrical performance and surface gloss, etc.

4. Certificates: CE, ROHS

5. Application: Suitable for indoor and outdoor electric, communication, fire fighting apparatus, iron and steel smelting, petrochemical industry, electron, power system, railway, building, mine, air and sea port, hotel, ship, works, waste water treatment equipment, environmental equipment and so on.

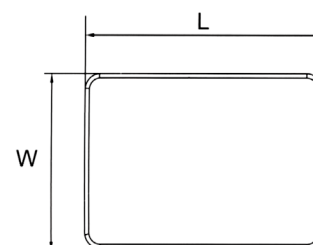
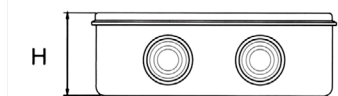
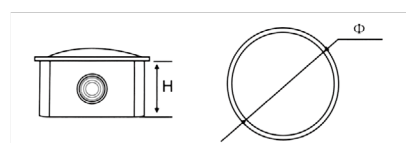
6. Installation: 1. Inside: There are the installation holes in the base for arcuit board or din rail.

2. Outside: The products can be directly fixed on the wall or other flat boards with screws or nails via the screw holes in the base.

7. Outtet hole: Cutting a hole in the PVC stopper as related cable size or installing cable gland to get better waterproof performance.

Model Code	Outside Dimension (mm)			Hole Qty	Hole Size	G.Weight	N.Weight	Qty/ Carton	Carton Dimention	IP
	L	W	H							
CHA-RA 50×50		50	50	4	25	14	12.9	300	45.5×38×51	55
CHA-RA 80×50		80	50	4	25	14.7	13.4	240	53×35×65	55
CHA-RA 85×85×50	85	85	50	7	25	18	16.6	200	52×41×52.5	55
CHA-RA 100×100×70	100	100	70	7	25	16.3	14.7	100	61×49×34.5	65
CHA-RA 150×110×70	150	110	70	10	25	15.7	14.2	60	66.5×34.5×46	65
CHA-RA 150×150×70	150	150	70	8	25	16.1	14.3	60	84.5×34×45	65
CHA-RA 200×100×70	200	100	70	8	25	16.6	15.3	60	61×46×42	65
CHA-RA 200×155×80	200	155	80	10	36	15.5	13.9	40	69.5×43.5×41	65
CHA-RA 200×200×80	200	200	80	12	36	19.9	17.9	40	45.5×45.5×79	65
CHA-RA 255×200×80	255	200	80	12	36	22.8	21	40	55×44×79.2	65
CHA-RA 255×200×120	255	200	120	12	36	21.9	20.1	30	64×55×62	65
CHA-RA 300×250×120	300	250	120	12	36	22.4	19.9	20	64×55×61.5	65
CHA-RA 400×350×120	400	350	120	16	36	14.8	13.3	10	74.5×42.5×61.5	65

Overall and installation dimensions:



CHA-RT series waterproof junction box



1. Body material: ABS

3. Material characteristics: Impact, heat, low temperature and chemical resistance, excellent electrical performance and surface gloss, etc.

4. Certificates: CE, ROHS

5. Application: Suitable for indoor and outdoor electric, communication, fire fighting apparatus, iron and steel smelting, petrochemical industry, electron, power system, railway, building, mine, air and sea port, hotel, ship, works, waste water treatment equipment, environmental equipment and so on.

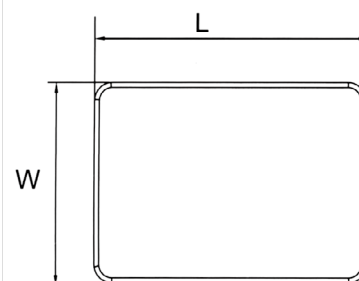
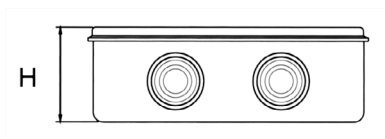
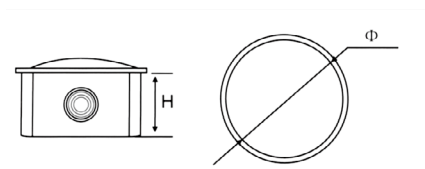
6. Installation: 1. Inside: There are the installation holes in the base for circuit board or din rail.

2. Outside: The products can be directly fixed on the wall or other flat boards with screws or nails via the screw holes in the base.

7. Outlet hole: The plastic plate in the hole can be knocked off and installing cable gland to get better waterproof performance.

Model Code	Outside Dimension (mm)			Hole Qty	Hole Size	G.Weight	N.Weight	Qty/ Carton	Carton Dimension	IP
	L	W	H							
CHA-RT 50×50		50	50	4	25	12.9	11.7	300	45.5×37.5×51	55
CHA-RT 80×50		80	50	4	25	13.1	11.8	240	53×35×62	55
CHA-RT 85×85×50	85	85	50	7	25	15.6	14.4	200	45×37×53	55
CHA-RT 100×100×70	100	100	70	7	25	14	12.5	100	57×46×35	65
CHA-RT 150×110×70	150	110	70	10	25	13.6	12.3	60	62×31.5×46.5	65
CHA-RT 150×150×70	150	150	70	8	25	14.4	12.9	60	79.5×31.5×46	65
CHA-RT 200×100×70	200	100	70	8	25	15.4	13.8	60	57×43×42	65
CHA-RT 200×155×80	200	155	80	10	36	13.6	11.9	40	64.5×40.5×41	65
CHA-RT 200×200×80	200	200	80	12	36	16	14.4	40	85×43×40.5	65
CHA-RT 255×200×80	255	200	80	12	36	20	18	40	51.8×41.2×79.2	65
CHA-RT 255×200×120	255	200	120	12	36	19.8	18	30	62×53×62	65
CHA-RT 300×250×120	300	250	120	12	36	19.7	17.8	20	61×52×61.5	65
CHA-RT 400×350×120	400	350	120	16	36	14.8	13.1	10	72×41×61.5	65

Overall and installation dimensions:



Spiral wrapping band



1. Material: Made of PE

2. Usage: Fix one end with safety belt first, then circle the wires clockwise to make them tighten.

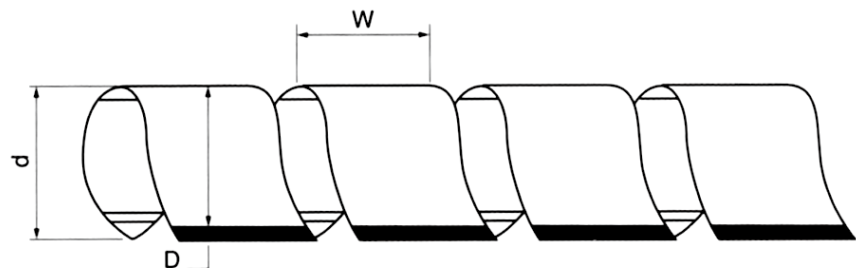
3. Appliaction: a protection wear for electric wires, and make them insulation and look nice.

Specification:



Item.No.	D (mm)	d (mm)	W (mm)	Wrapping Range (mm)	Packing
SWB-03	1.4	3.0	4.0	1.5-10	10M/Roll
SWB-06	4	6	7.0	4-50	
SWB-08	6	8	10.8	6-60	
SWB-10	7.5	10	11.4	7.5-60	
SWB-12	9	12	13.9	9-65	
SWB-15	12	15	15.0	12-75	
SWB-19	15	19	18.2	15-100	
SWB-24	20	24	19.6	20-130	
SWB-30	26	30	43	26-150	

Overall and installation dimensions:



End caps



EK1



EK2



EK3



EK4



EK1-E



EK2-E



EK3-E



EK4-E



EK3-10D

Description	Pole	Article No.
EK1-10	1P	EK110
EK1-16	1P	EK116
EK2-10/16	2P	EK21016
EK3-10/16	3P	EK31016
EK4-10/16	4P	EK41016

Description	Pole	Article No.
EK1-10/16E	1P	EK11016E
EK2-10E	2P	EK210E
EK2-16E	2P	EK216E
EK3-10E	3P	EK310E
EK3-16E	3P	EK316E
EK4-10E	4P	EK410E
EK4-16E	4P	EK416E

Description	Pole	Article No.
EK3-10D	3P	EK310D

Connectors series



TB25-1



TB25-2



TB25-3



TB25-4



TB50-1



TB50-2

Article No.	Incoming	Dimension
TB25-1	25mm ²	32×13.2×17
TB25-2	25mm ²	49×13.2×17
TB25-3	25mm ²	34.5×17.5×18.2
TB25-4	25mm ²	32×13.2×17
TB50-1	50mm ²	35×17.5×34
TB50-2	50mm ²	35×17.5×34

Electrical accessories



BFA01 Fuse puller



BFA02 Neutral link



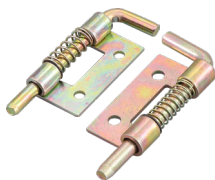
BFA03/04 Poles cover



BFA05 Plastic lock



BFA06 Metal hinge



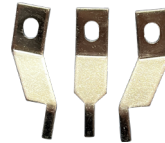
BFA07 Spring hinge



BFA08 Neutral terminal



BFA09 Earth terminal



BFA10 MCB 18mm link



BFA11 MCB 27mm link



BFA12 MCCB 35mm link



BFA13 MCCB 25mm link



BFA14 Mounting screws 3×45mm



BFA15 Adjustable screw