



A

MINI CIRCUIT BREAKER



People Electric
Appliance serves for people.

DZ47-63 MINI CIRCUIT BREAKER

APPLICATION

DZ47-63 series circuit breaker is used in lighting distribution system or motor distribution system for protecting overload and short-circuit in the system. The product novel in structure, light in weight, reliable and excellent in performance. It has high breaking capacity, can trip quickly and its installation uses with guide, its case and items are adopted with high fire-resistant and shockproof plastic. The product, with long life, is mainly used in AC 50/60Hz single-pole 240V or two, three, four-pole 415V circuit for overload and short-circuit protection as well as for unfrequent on-and-off switching electric equipment and lighting circuit in normal case. This product conform with GB10963, IEC60898, BS3871.



DZ47-63 1P



DZ47-63 2P



DZ47-63 3P



DZ47-63 4P

SPECIFICATIONS

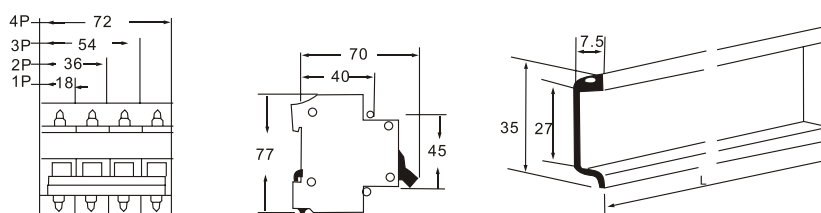
Rated temperature 40℃
Rated voltage 240V/415V AC
Rated current (C): 1, 2, 3, 4, 5, 6, 10, 15, 16, 20, 25, 32, 40, 50, 60, 63A (D): 6, 10, 15, 16, 20, 25, 32, 40A

Mechanical endurance lower than 20000 times				
Tropical test: 2 kinds				
Weight (g)	1P	2P	3P	4P
	102	208	308	408

DZ47-63

Standard	Rated current (A)	Pole	Voltage (V)	Breaking capacity (A)
BS3871-1 IEC60898	1 to 40	1	240	6000
		2, 3, 4	415	6000
	50 to 63	1	220/240	4000
		2, 3, 4	400/415	4000

DIMENSIONS



RDX65-63 MINI CIRCUIT BREAKER

APPLICATION

The RDX65-63 is an all new high performance current limiting device with the ability to disconnect short circuits of up to 6KA. They have protective function as shortage as overload, and are used in lighting distribution system in industry, commerce and dwelling, and protecting fractional electric motors. And they also have many merits of high protective grade (up to IP20), high breaking capacity, reliable sensitive action, convenient, multipole assembling, long life etc. They are mainly adapted to the circuit of AC 50Hz, 230V in single pole, 400V in double, three, four poles for protecting overload and short-circuit. Meanwhile, they are also used in turning on or off the electric apparatus and lighting circuit under the normal condition.



RDX65-63 1P



RDX65-63 2P



RDX65-63 3P

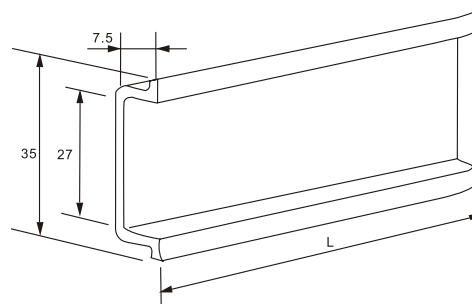
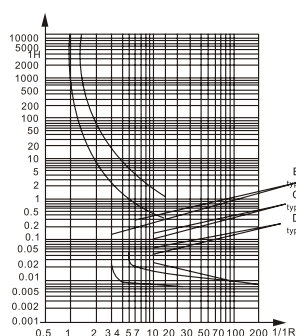


RDX65-63 4P

TECHNICAL SPECIFICATIONS

Pole	1P, 2P, 3P, 4P
Rated voltage	230/400V
Mechanical and electrical life	(0-C) not less than 6000 times
Rated current	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A
Protective grade	IP20
Breaking capacity	(IEC60898): 6KA

DIMENSIONS



RDX2-100 MINI CIRCUIT BREAKER

APPLICATION

The product used to protect line-conductor and overload, and short-circuit of small sealed motors, is mainly for protection of circuits with AC 220V and 50/60Hz, and for unfrequent conversion under normal conditions as well. Its action can be as up to 22-pole with its only one pole volume and it can be used as a leakage breaker by assembling with leakage.

SPECITICATIONS

Rated voltage	220~415V
Rated current	40, 50, 63, 80, 100A
Breaking capacity	10KA (IEC60947)
Mechanical and electrical life	6000 times
Width pole	27mm
According to standards	IEC60898, GB10963-89 BS 3871

Rated current (A)	Pole number (P)	Rated voltage (V)	Breaking capacity (A)
40	1	120	20000
		230/240	10000
		400/415	4000
50	2, 3, 4	230/240	20000
63		400/415	10000
80		400/415	10000
100		440	6000

DIMENSIONS

RDX2-100 1P



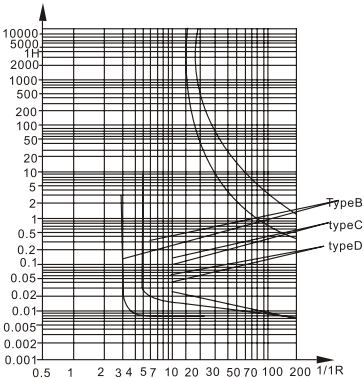
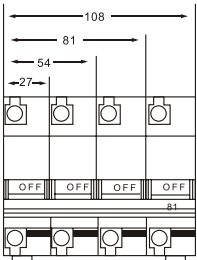
RDX2-100 2P



RDX2-100 3P



RDX2-100 4P



PC1-63 MINI CIRCUIT BREAKER

APPLICATION

PC1-63 series circuit breaker is used in lighting distribution system or motor distribution system for protection overload and short-circuit in the system. The product is neoteric in structure, ligh weight, reliable and excellent in performance. It has high breaking capacity, can trip quickly, and its case and items are adopted by high fire-resistant and shockproof plastic. The product, with long life, is mainly used in AC 50Hz/60Hz single-pole 240 or two, three, four-pole 415V circuit for overload and short-circuit protection as well as un frequent on-and-off switching electric equipment and lighting circuit in normal case. The products comply with IEC 60898 & BS 3871.



PC1-63 1P



PC1-63 2P



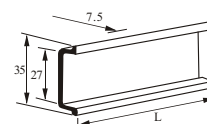
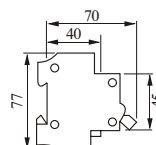
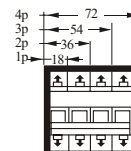
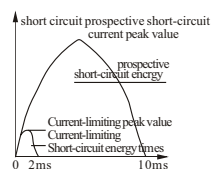
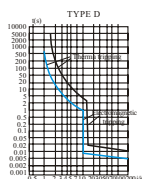
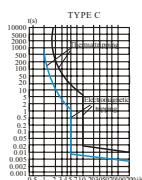
PC1-63 3P

SPECIFICATIONS

Standard	Rated current(A)	Pole	Voltage(V)	Breaking capacity(A)
BS3871-1 IEC60898	1 to 40	1	240	6000
	50 to 63	2,3,4	415	6000
	50 to 63	1	240	4000
		2,3,4	415	4000
IEC157-1	1	1	220/240	10000
		2,3,4	220/240	20000
		2,3,4	380/415	10000
	3	1	220/240	8000
		2,3,4	220/240	20000
		2,3,4	380/415	8000
	10 to 40	1	220/240	7000
		2,3,4	220/240	16000
		2,3,4	380/410	8000
	50	1	220/240	6000
		2,3,4	220/240	10000
		2,3,4	380/410	6000
	63	1	220/240	5000
		2,3,4	220/240	10000
		2,3,4	380/410	5000
Standard	Rated current(A)	Pole	Voltage(V)	Breaking capacity(A)
BS3871-1 IEC60898	1 to 40	1	240	4000
		2,3,4	415	4000
IEC157-1	1 to 40	1	220/240	6000
		2,3,4	220/240	12000
		2,3,4	380/415	6000

- Setting temperature of protective characteristics at 40℃
- Rated Voltage:240V/415V
- Rated current:1,3,5,6,10,16,20,25,32,40,50,63A
- Electrical life: no less than 6000 operations
- Mechanical life:(O-C) no less than 20000 operations

CHARACTERISTIC CURVE & DIMENSIONS





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MINI CIRCUIT BREAKER

PBKN MINI CIRCUIT BREAKER

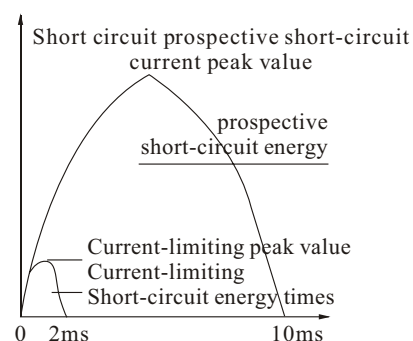
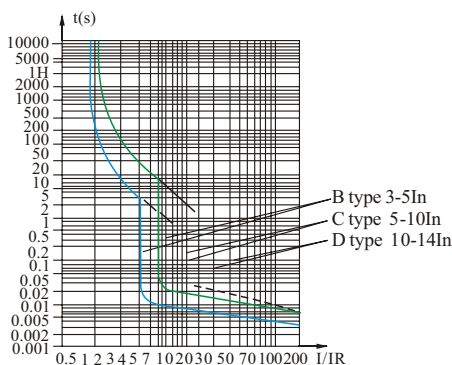
APPLICATION

PBKN series circuit breaker is used in lighting distribution system or motor distribution system for protection overload and short-circuit in the system. The product is neoteric in structure, light in weight, reliable and excellent in performance. It has high breaking capacity, can trip quickly, and its case and items are adopted by high fire-resistant and shockproof plastics. The product, with long life, is mainly used in AC 50Hz/60Hz single-pole 230V or two, three, four-pole 400V circuit for overload and short-circuit protection as well as unfrequent on-and-off switching electric equipment and lighting circuit in normal case. The products comply with IEC 60898.

SPECIFICATIONS

Number of Poles	1P, 2P, 3P, 4P
Rated Current (A)	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
Breaking Capacity (A)	6000
Rated Voltage (A)	230/400
Rated Frequency (Hz)	50/60
Endurance	≥ 4000
Circumstance Temperature	-5°C to +40°C
Electrical Life	no less than 6000 operations
Mechanical Life	(O-C) no less than 20000 operations
Protection Degree	IP20

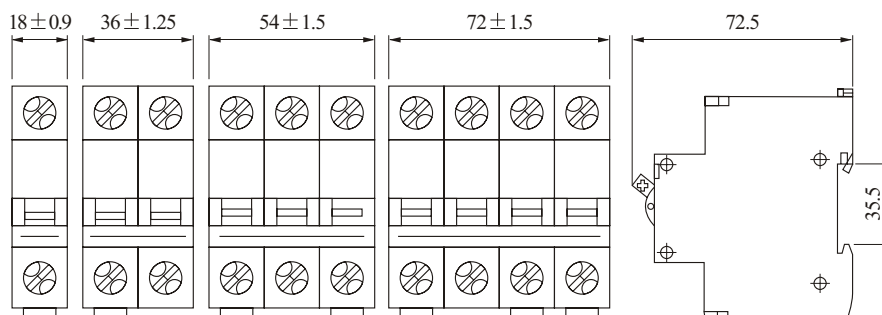
CHARACTERISTIC CURVE



PBKN 1P

PBKN 2P

PBKN 3P





DXM3 (DPN)

DXM3 (DPN) MINI CIRCUIT BREAKER

APPLICATION

The product used to protect line conductor and overload, and short-circuit of small size motors, is mainly for protection of circuits with AC 220V and 50/60Hz, and for unfrequent conversion under normal conditions as well. Its action can be up to 2 poles with its only one pole volume and can be used as a leakage breaker by assembling with leakage.

SPECIFICATIONS

Rated voltage	220/240V
Rated current	2, 4, 6, 10, 16, 20, 25, 32A
Breaking capacity	4500A
Mechanical and electrical life	6000 times
Width pole	P+N=18mm
According to standards	IEC60898, GB10963-89 BS 3871

HL32-100 ISOLATING SWITCH

APPLICATION

Having superior dynamic-heating ability, it is mainly used as a main switch for both terminal assembly electric equipment case, and illumination assembly case, and to control various motors and small power electric equipment as well, it has no function of protection of over load short-circuit.



HL32-100 2P

TECHNICAL DATA

- Pole NO: 1, 2, 3, 4
- Rated current (A): 16, 25, 40, 63, 80, 100, 125
- Rated voltage: 230/400V AC
- Rated frequency: 50/60Hz
- Usage category: AC22
- Rated withstand current: 1800A within 1 secretary
- Electro-mechanical endurance: 10,000 cycles
- Connection capacity: rigid conductor 35mm²
- Connection terminal: pillar terminal with clamp
- Installation: on symmetrical din rail 35mm
panel mounting

RDX6-63 MINI CIRCUIT BREAKER

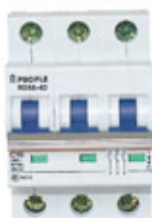
TECHNICAL SPECIFICATIONS



RDX6-63 1P



RDX6-63 2P



RDX6-63 3P



RDX6-63 4P

- Pole: one pole, two poles, three poles, four poles
- Rated voltage: 110/230/400V
- Rated frequency: 50/60Hz
- Rated short-circuit Interrupting capacity: 10KA
- Electric endurance: In the case of Un, In and COS=0.90 and the 63A and below, it is eight-thousand times of cycles; in the case of 80A to 100A, it is 1500 times of cycles (Each times of cycle includes one time of making operation and one minute of breaking operation).
- Voltage endurance: Power frequency voltage endurance 2000V (1 min), pulse voltage endurance (1.2/50 μ s).
- Impact resistance performance: Withstand the impact of 10ms and 20g at least 18 times, and withstand the impact of 5ms and 40g at least 18 times, and withstand the shake of 10~55Hz at least half an hour.
- Storage temperature: According to chapter one section two IEC60898 (for a duration of 96 hours) -55℃~+55℃
- Working environment temperature:-5℃~+45℃
- Wiring capability: 63A and below: 25mm² and below for soft wire and 35mm² and below for hard wire.
- 80A~100A: 35mm² and below for soft wire and 50mm² and below for hard wire.
- DC application: 1A~63A: rated breaking capability: 6KA; maximum voltage: single pole 60V; dual-pole series 110V; 80A~125A; rated short-circuit breaking capability: 10KA; maximum.
- Voltage: dual-pole series 125V; four-pole series 250V; transient tripping current is high about 40% compared with the case of 50/60Hz.

ACCESSORIES

- Shunt trip
- Auxilliary contact
- Contact with alarm indication
- Under voltage trip

TECHNICAL SPECIFICATIONS

- According to standard: 63A less than: IEC60898 GB10963 80~100A: IEC947-2 GB14048.2
- Modular design: width of 18mm or 27mm (125A case grade) at different environment condition.
Selection of rated current according to the temperature adjustment curve.
- Free tripping mechanism: In the case of short circuit and overload, the circuit breaker would automatically trip. Before the failure eliminates, the circuit would refuse to switch again even the hand handle at the close position to avoid the intentional switching of the failure circuit mistakenly.
- Transient tripping performance: B-type performance: 3~5In;
C-type performance: 5~10In
D-type performance: 10~20In

MINI CIRCUIT BREAKER



PL71 1P



PL71 2P



PL71 3P

ISOLATING SWITCH



PH7 1P



PH7 2P



PH7 3P



PDB6



PDB7-FL



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MINI CIRCUIT BREAKER

PMT PMY PMC MINI CIRCUIT BREAKER

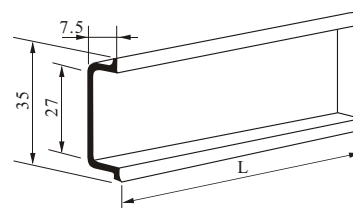
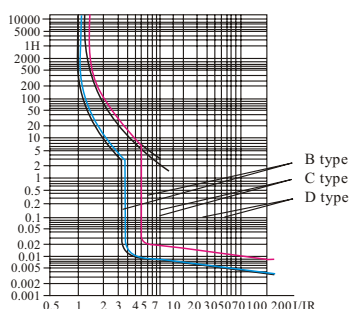
APPLICATION

PMT PMY PMC mini circuit breaker is mainly suitable for overload and short circuit protection. It is especially used for illumination and distribution in industry and commerce. It is of pleasing outlook & high breaking capacity etc. Its frame and parts adopted plastics of light weight, reliable performance, high inflammable resistance and shock resistance for long service life, It is mainly used for overload and short-circuit protection within the circuit of AC 50/60Hz, rated voltage of single pole up to 240V, two, three or four poles up to 415V. It can also be used for an unfrequent switchover of the circuit and illumination under normal conditions.

SPECIFICATIONS

MCB type	PMT	PMY	PMC
Current rating	6-40A	6-63A	2-63A
Tripping curve B: 3-5I _n C: 5-10I _n D: 10-20I _n	C	B	C
Breaking capacity EN 60898 & IEC 60898 IEC 947-2 NEMA AB-1	4.5KA 6KA 10KAIC	6KA 10KA 22KAIC	6KA 10KA 22KAIC
Rated voltage - 50/60Hz	230/400V		
Isolating voltage	500V		
Electrical endurance	0.5 or 32A 20,000 operations 40 to 63A 10,000 operations		

CHARACTERISTIC CURVE & DIMENSIONS



1P



2P



3P



PM14 1P



PM14 2P



PM14 3P



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MINI CIRCUIT BREAKER

PE90/91 MINI CIRCUIT BREAKER

APPLICATION

- Safety terminal:
 - easy wiring
 - no wrong fixing
 - protection degree Ip20.
- Slot screw head.
Torque up to 4.5 N.m.
- Incoming/outgoing terminal capacity up to 35mm².
- Terminal side for fork busbar is isolated between the poles.
- MCB's and RCCB's can be connected with PIN type busbar at the top terminals.
- MCB's and RCCB's can be connected with PIN type busbar at the bottom of terminals, with easy DIN-rail extraction.
- MCB's and RCCB's can be connected with FORK type busbar at the bottom of terminals, with easy DIN-rail extraction.
- Auxiliary contacts can be added on the left side of the MCB.

PERFORMANCES

Thermal setting In	(A)	2-40
Rated voltage AC Un	(V)	240/415
Minimum operating voltage UB min	(V)	12
Tripping characteristics		B-C
Selectivity class		3
Mechanical/electrical endurance		20000/10000
Tropicalisation acc.to IEC 60068-2		95%RH at 55°C
Terminal capacity flexible/rigid cable	(mm ²)	25-35
Poles		1, 2, 3, 4
Weight	(g/pole)	120
Thermal operating limit		$(1.13-1.45) \times I_n$
Magnetic operating		B: $(3-5) \times I_n$ C: $(5-10) \times I_n$



PE91 1P



PE91 2P



PE91 3P



PE90 1P



PE90 2P



PE90 3P

PSX MINI CIRCUIT BREAKER

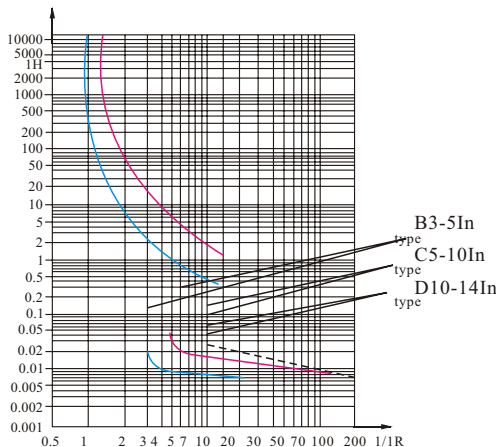
APPLICATION

PSX mini circuit breaker is mainly suitable for overload and short-circuit protection. It is especially used for illumination and distribution in industry and commerce, etc. It has pleasing outlook & high breaking capacity, reliable performance, high inflammable resistance and shock resistance for long service life. It is within the circuit of AC 50/60Hz, rated voltage of single pole up to 240V, two ,three or four-poles up to 415V. It can also be used for an unfrequent changeover of the circuit and illumination under normal conditions.

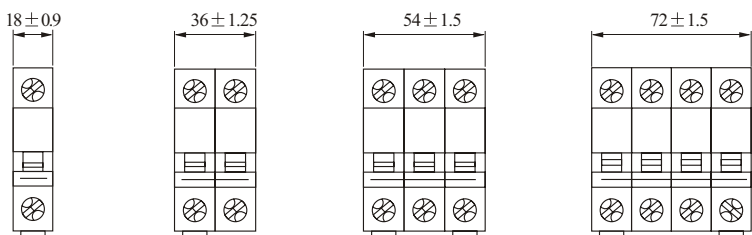
SPECIFICATIONS

Rated current (A)	Pole	Rated voltage (V)	Breaking capacity (A)	Electrical life (times)	Mechanical life (times)
1,2,3,4,6,10,16,20,25,32,40	1	240	6000	8000	6000
	2,3,4	415	6000		
50,63	1	240	6000		
	2,3,4	415	6000		

CHARACTERISTIC CURVE



DIMENSIONS



PSX 1P



PSX 2P



PSX 3P

PBH-D6 MINI CIRCUIT BREAKER

APPLICATION

PBH-D6 products of domestic power distribution box have come out. The high-quality and high-function circuit breaker used in domestic power distribution box is looking forward to your selection and application.

FUNCTION

- ◆ All the machines meet the standards of IEC and GB.
- ◆ They can be installed in the track or 35mm of IEC.
- ◆ They have the function of high current limit.
- ◆ Protective grade: IP2x

SPECIFICATIONS

Standard	GB10963, IEC60898
Rated voltage	230/400VAC, 50/60Hz
Rated current I_n	6,10,13,16,20,25,32,40,50,63A
Ambient temperature	-10~40℃
Tripping curve	B,C,D
Rated short-circuit interrupting capacity	6kA
Rated running short-circuit interrupting capacity	6kA
Mechanical life	8000
Electrical life	8000
Fix	Track of 35mm of IEC
Terminal (the side of ON)	Non-weld tin terminal
Terminal (the side of OFF)	Non-weld tin terminal/terminal with mouth
Bus.t	0.7-1.5mm
Applied wire	1-2.5mm ²
Releasing method of overload	Thermal-coil magnetic
Accessories	Insulation-board

PBH-D6 1P

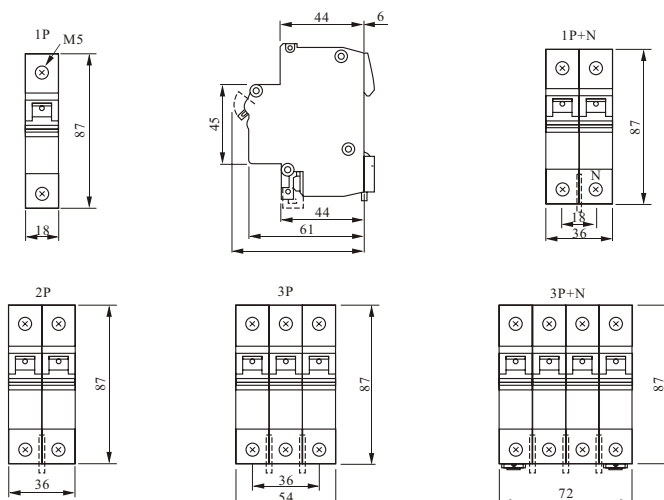


PBH-D6 2P



PBH-D6 3P

DIMENSIONS



PP11 HIGH BREAKING CAPACITY MINI CIRCUIT BREAKER

SPECIFICATIONS



PP11 1P



PP11 2P



PP11 3P

Conform to standard of electrical	EN60898(IEC60898)GB10963-99
Rated voltage(V)	230V/400V; 50/60Hz
Rated breaking capacity	10KA IEC60898(0.5~63A) 15KA IEC60947-2(0.5~63A)
Short circuit breaking capacity of DC	Max.48v(XYDB7...,10KA)single pole Max.250V(XYDB7-DC,6KA)single pole
Performance	C,D charactisistic curve
Max.fuse that can be connected to	100AgL(>10KA)
Selective grade	3
Working ambient temperature	-5 to +40℃
Enclosed protective class	P40(Under mounting)
Electrical Life	No less of 8000 times switching operation
Mechanical Life	No less of 20000 times switching operation

The length of exposed plane	45mm
Enclosure height	80mm
Enclosure width	17.5mm per pole(single pole) 35mm: 1P+N(two pole)
Mounting manner	Used for track of 35mm of IEC standard
Terminal manner	Two-function terminal can connect with rubber and conducting wire
Terminal block capacity	Wire 1-25mm ² Conducting wire 0.8-2mm

PET1-68 MINI CIRCUIT BREAKER

APPLICATION

PET1-68 Mini circuit Breaker is used in lighting distribution system or motor distribution system for protection overload and short-circuit in the system. This product is neoteric in structure, light weight, reliable and excellent in performance. They are applicable to circuit with rated voltage not exceeding 400V, rated current not exceeding 63A.

SPECIFICATIONS

Type No:	PET1-68
Number of poles:	1P,2P,3P,4P
Rated Voltage	230/400VAC
Rated Current In	6,10,16,20,25,32,40,50,63A
Frequency(F):	50/60Hz
Tripping Characteristics:	B,C curve
Conform to standard of electrical:	EN60898, IEC60898
Electrical life:	No less than 6000 operations
Mechanical life:	No less than 20000 operations



PET1-68 1P

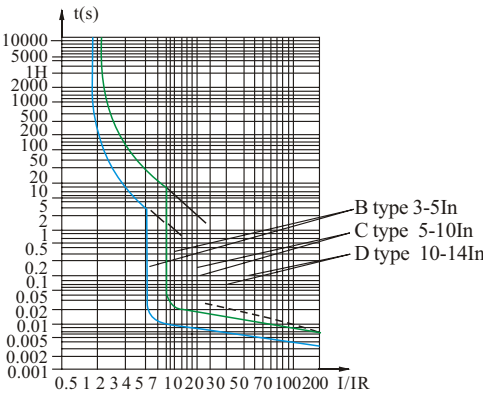


PET1-68 2P



PET1-68 3P

CHARACTERISTIC CURVE



PBKM MINI CIRCUIT BREAKER

APPLICATION

The design on the base of the current-limiting device increases the capability of circuit breaking, with a max.of 7.5KA(AC 220V standard)

The super-miniature and light product leaves the installation area minimum.

The overcurrent protection of bimetal sheet and the instantaneous and short-circuit protection featuring solenoid trip produce a perfect protection to current fault.

The assembly mode of DIN-Rail makes the installation easier.

Delicate appearance of Europe-style

Available to fit such accessories as auxiliary switch(AX) and alarm switch, etc.

SPECIFICATIONS

Series	PBKM								
Type	B			C				G	
Poles	1	2	3	1	2	3	4	1	2 3
Rated voltage (V)	230/400								
Rated current (A)	6,10,16,20,25			2,4,6,10,20,25,32,40,50				6,10,15,20,30,40,50	
Breaking capacity(KA)	10			6				6	
Tripping device	Thermal-coil magnetic								

Auxiliary switch & alarm switch	
Rated operational current	220V 3.5A
AC 11 duty	400V 2A
Mechanical life	No less than 2000 operations
Thermal capacity	0.75, 2.5mm
Weight	0.04kg/EA

DIMENSIONS

CHARACTERISTICS OF TIME-CURRENT CURRENT CURVES



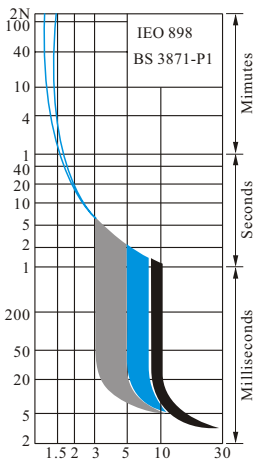
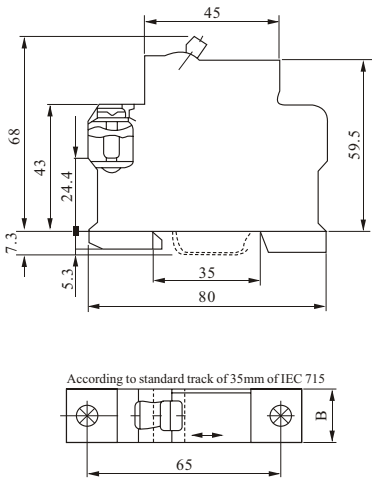
PBKM 1P



PBKM 2P



PBKM 3P



PMB MINI CIRCUIT BREAKER

APPLICATION

- ◆ SP MCB s can be used in type A distribution boards.
- ◆ SP,DP and TP MCBs can be used in type B distribution boards.
- ◆ SPSN and DP MCBs can be used in DP distribution boards.
- ◆ TPSN and FP MCBs are for specialist OEM applications.

PMB MCB-TYPE B TO BSEN60898(IEC60898),3 TO 5 X IN

Rating A	List No. SP	List No. SPEN	List No. DP	List No. TP	List No. TPSN	List No. FP
1	PMBH101	PMBH101N	PMBH201	PMBH301	PMBH301N	PMBH401
2	PMBH102	PMBH102N	PMBH202	PMBH302	PMBH302N	PMBH402
4	PMBH104	PMBH104N	PMBH204	PMBH304	PMBH304N	PMBH404
6	PMBH106	PMBH106N	PMBH206	PMBH306	PMBH306N	PMBH406
8	PMBH108	PMBH108N	PMBH208	PMBH308	PMBH308N	PMBH408
10	PMBH110	PMBH110N	PMBH210	PMBH310	PMBH310N	PMBH410
13	PMBH113	PMBH113N	PMBH213	PMBH313	PMBH313N	PMBH413
16	PMBH116	PMBH116N	PMBH216	PMBH316	PMBH316N	PMBH416
20	PMBH120	PMBH120N	PMBH220	PMBH320	PMBH320N	PMBH420
25	PMBH125	PMBH125N	PMBH225	PMBH325	PMBH325N	PMBH425
32	PMBH132	PMBH132N	PMBH232	PMBH332	PMBH332N	PMBH432
40	PMBH140	PMBH140N	PMBH240	PMBH340	PMBH340N	PMBH440
50	PMBH150	PMBH150N	PMBH250	PMBH350	PMBH350N	PMBH450
63	PMBH163	PMBH163N	PMBH263	PMBH363	PMBH363N	PMBH463



PMB 1P



PMB 2P



PMB 3P

PMC MCB-TYPE C TO BSEN60898(IEC60898), 5 TO 10 X IN

Rating A	List No. SP	List No. SPEN	List No. DP	List No. TP	List No. TPSN	List No. FP
1	PMCH101	PMCH101N	PMCH201	PMCH301	PMCH301N	PMCH401
2	PMCH102	PMCH102N	PMCH202	PMCH302	PMCH302N	PMCH402
4	PMCH104	PMCH104N	PMCH204	PMCH304	PMCH304N	PMCH404
6	PMCH106	PMCH106N	PMCH206	PMCH306	PMCH306N	PMCH406
8	PMCH108	PMCH108N	PMCH208	PMCH308	PMCH308N	PMCH408
10	PMCH110	PMCH110N	PMCH210	PMCH310	PMCH310N	PMCH410
13	PMCH113	PMCH113N	PMCH213	PMCH313	PMCH313N	PMCH413
16	PMCH116	PMCH116N	PMCH216	PMCH316	PMCH316N	PMCH416
20	PMCH120	PMCH120N	PMCH220	PMCH320	PMCH320N	PMCH420
25	PMCH125	PMCH125N	PMCH225	PMCH325	PMCH325N	PMCH425
32	PMCH132	PMCH132N	PMCH232	PMCH332	PMCH332N	PMCH432
40	PMCH140	PMCH140N	PMCH240	PMCH340	PMCH340N	PMCH440
50	PMCH150	PMCH150N	PMCH250	PMCH350	PMCH350N	PMCH450
63	PMCH163	PMCH163N	PMCH263	PMCH363	PMCH363N	PMCH463

FEATURES

PMB MCBs are available with a breaking capacity of 10KA to BSEN60898.

The MCBs are calibrated to 40°C.

MCBs can be supplied with 50°C ambient calibration. To order insert 'X' at the end of the MCB list number eg:-MCH 116X.

Please contact our Technical Services department for details of PMB MCBs suitable for other reference calibration temperatures.

MINI CIRCUIT BREAKER

APPLICATION

PH6 mini circuit breaker applies to electromagnetic design which possesses the functions of overload and short-circuit protection. It is widely used for illumination and distribution in industry and commerce. Because of its characters of pleasing outlook, light weight, reliable performance, high breaking capacity for rated current under 63A(6KA)and for rated current from 80A to 125A, the capacity is 10KA, easy and clearly for operation etc. It complies with the standard of IEC60898.

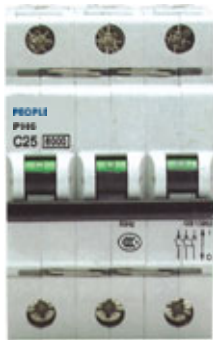
SPECIFICATIONS

Character I/In		Standard	Rated current(A)	Poles(P)	Rated voltage(V)	Breaking capacity(A)
B C D	3~5In	IEC60898 GB10963	2,4,6,10 16,20,25 32,40, 50,63	1	230/240	6000
	5~10In			2 3 4	400/415V	6000
	10~20In					
B C D	3~5In	IEC60898 GB10963	80A 100A 125A	1	230/240	10000
	5~10In			2 3 4	400/415V	
	10~20In					

PH6 1P



PH6 2P



PH6 3P



PE4CB 1P



PE4CB 2P



PE4CB 3P



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PEOPLE ELE. APPLIANCE GROUP CHINA

MINI CIRCUIT BREAKER

MINI CIRCUIT BREAKER



PC2-63 1P



PC2-63 2P



PC2-63 3P



PC30N 1P



PC30N 2P



PC30N 3P



PK5SX 1P



PK5SX 2P



PK5SX 3P



PS230 1P



PS230 2P



PS230 3P



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DIN RAIL ACCESSORIES

DIN RAIL ACCESSORIES



SB-140



SB-240



SB-340



SF-119G



SF-219G



SF-319G



MN1



EP510



PS-K



PT1-10D



E8



S101



S101-N

MODULAR SIGNAL LAMP

APPLICATION

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



P-D LED Singal Lamp



PZ47D Neon Signal Lamp

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

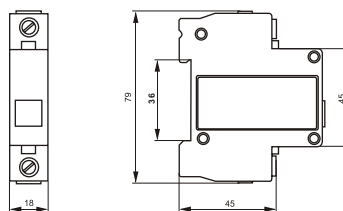
- Rated voltage: 230V AC
- Rated frequency: 50/60Hz
- Colour: red, green, yellow
- Connection terminal: pillar terminal with clamp
- Connection capacity: rigid conductor 10mm²
- Installation:

- On symmetrical DIN rail
- Panel mounting

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

- Max power: 1.2W
- Illumination: Neon bulb
- Service duration: 15,000 hours

OVERALL & INSTALLATION DIMENSIONS



SV1-Y



SV1-G



SV1-R



SV1-B



SV2-G



SV2-R



SV3



SV4-N



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DIN RAIL ACCESSORIES

DIN RAIL ACCESSORIES



G2PT



F2PT



TMS-5



AC10-1P



AC10-2P



AC16-2P



AC25-3P



PLP-10



PLP-11



SU213



T68



OF



SD



MX+OF



MX+OF+A

HYDRAULIC MAGNETIC MINI CIRCUIT BREAKER

APPLICATION

Hydraulic magnetic mini circuit breakers are mainly suitable for overload and short circuit protection. It adopted hydraulic magnetic trip instead of bimetal. So it has a high sensitivity and it is also not effected by the ambient temperature. It is especially used for illumination and distribution in industry and commerce. They are mainly used for overload and short circuit protection within the circuit of AC 50Hz/60Hz, rated voltage of single pole or double poles up to 240V, three poles up to 415V. They can also be used for an unfrequent switch-over of the circuit and illumination under normal conditions. They comply with IEC 157-1973 BC 4752-1977 and BS 3871.

CHARACTERISTIC CURVE



SA1-G3



SA2-G3



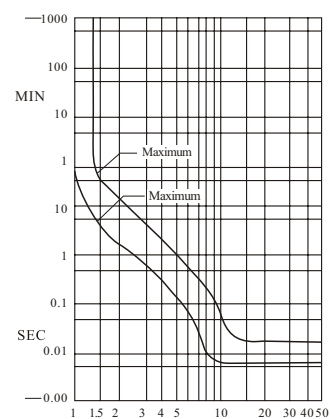
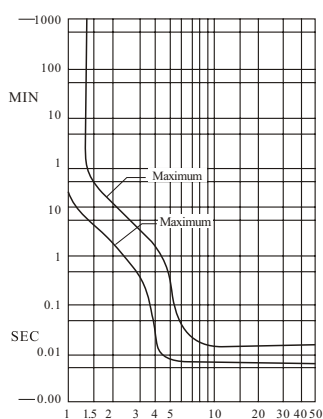
SA3-G3



SF2-G3



SF3-G3



HYDRAULIC MAGNETIC MINI CIRCUIT BREAKER

SPECIFICATION

Standard	Rated current (A)	Poles(P)	Rated voltage(V)	Breaking capacity(A)	
				SX1-G3	SF-G3 SA-G3
IEC157-1973 BC4752-1977 BS3871	3,5,6,10,16,	1	230/240	3000	6000
	20,25,32,40, 50,63	2,3	400/415	3000	6000



SX2N-1P



SX2N-3P

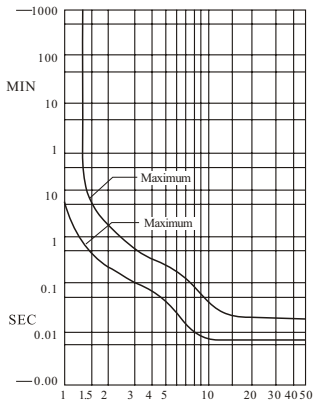
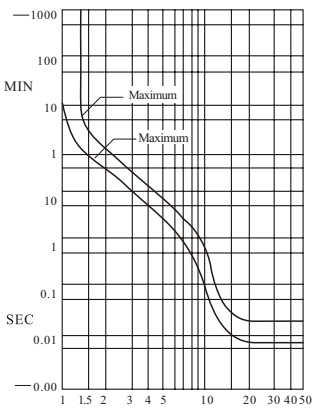


TQA-2P



TQA-3P

CHARACTERISTIC CURVE



SX1



SX2



SX3



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MINI CIRCUIT BREAKER

MINI CIRCUIT BREAKER



PME-1P



PME-2P



PME-3P



BH-1P



BH-2P



BH-3P



BH-P 1P



BH-P 2P



BH-P 3P



BH-S 1P



BH-S 2P



BH-S 3P



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MINI CIRCUIT BREAKER

MINI CIRCUIT BREAKER



PTHQL 1/2



PTHQL1' -1P



PTHQL1' -2P



PTHQL1' -3P



PTHQC 1P



PTHQC 2P



PTHQC 3P



M3



AM6



AM6 1P



HQP -1P



F1



X5



P05



P06



NT-50B



NT-50W



NT-50Z



103

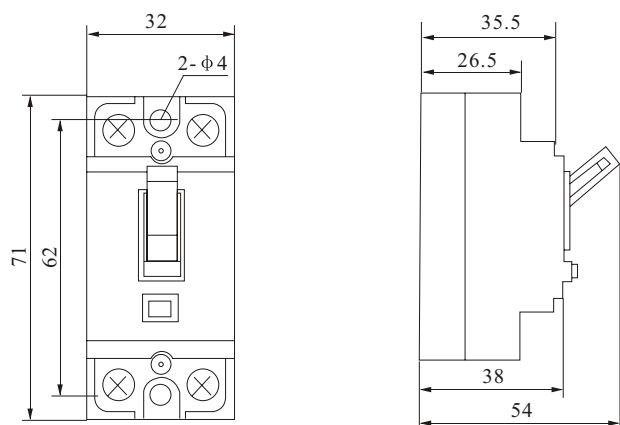
NT-50 SAFETY BREAKER

APPLICATION

NT-50 series safety type mini circuit breakers features lively machine, excellent quality, beautiful apperance, small volume. The product is suitable for AC 50Hz, rated voltage up to 240V, rated current up to 32A, it is used for protection of the overload and short circuit of all kinds of modern family applicable apparatus. It can also be used for unfrequently operating and controlling.

Rated Voltage(V)	220
Rated Current(A)	6,10,16,20,25,32
Rated capacity of short-circuit Breaking(KA)	1.5
No.of pole(P)	2

CONFIGURATION AND MOUNTING DIMENSIONS



103 EARTH LEAKAGE CIRCUIT BREAKER

APPLICATION

103 Series earth leakage circuit breaker is suitable for the circuit of AC 50/60Hz, rated voltage 250V, and rated current up to 30A, It can cut off the circuit immediately on the occasion of shock hazard and fire caused by earth leakage. And it is especially used in household and pubic building. And this product conform with GB16916. 1/IEC1008.1.

SPECIFICATIONS

Poles	2P
Rated voltage Ui(V)	AC 240V
Rated current(A)	30A
Rated leakage operating current	15mA 30mA
Rated leakage dead current	7.5mA 15mA
Leakage operating time	T<0.1 ^s
Mechanical and electrical endurance	>4000 times



1601



1602



1603



601









602



603

MAIN SWITCH

						
	0	5	10	15	20	25
	5	4.75	4.5	4.25	4	3.75
<input type="checkbox"/> 7.5A <input type="checkbox"/> *	7.5	7.13	6.75	6.28	6	5.63
<input type="checkbox"/> 10A <input type="checkbox"/>	10	9.5	9	8.5	8	7.5
<input type="checkbox"/> 15A <input type="checkbox"/>	15	14.25	13.5	12.75	12	11.25
<input type="checkbox"/> 20A <input type="checkbox"/>	20	19	18	17	16	15
<input type="checkbox"/> 25A <input type="checkbox"/>	25	23.75	22.5	21.25	20	18.75
<input type="checkbox"/> 30A <input type="checkbox"/> *	30	28.5	27	25.5	24	22.5

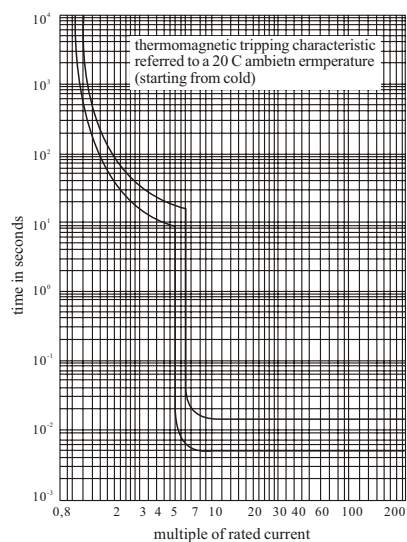
CHARACTERISTICS

VOLT	380V~
FREQUEUCY	60 Hz
AMP. RANGE	3.75 ÷ 30A
I.C. at 380V~	2KA

NUMBER OF PHASES

1601	1P
1601N-1601NI-	
1611N-1611NI	1P+N
1602	2P
1602N	2P+N
1603	3P
1603N	3P+N
TEMPERATURE	0-40℃
TERMINAL SIZE	6MM ²

GENERAL CHARACTERISTICS



WEATHER-PROTECT ISOLATING SWITCH

DESCRIPTION:

◆ Acting as weather-protect isolating switches for outdoor and wet/ dusty environment, Available with switched control

Approval: CE, patented design



TECHNICAL PARAMETER:

Conform to IEC 60947-3, BS 1363: Pt2

Suitable for 13A 3-pin plug complying to BS 1363: Pt1

Rated 13A, 250V AC 50Hz Switches pad lockable in 'OFF' position

High impact, UV Resistant polycarbonate material degree of protection: IP55 / IP66

CONNECTION:

A Max 10 mm² incoming cable, internal cable 1.5 mm² Conduit entry through 1xM25 threaded entry on top and bottom 2xM25. M20 is possible through reducers provided.



Designation	Rating (Amps)	Pack Qty.	Cat. No.
Double pole with socket outlet IP55	20A with 13A socket outlet	1	66CV313N
Double pole with socket outlet IP66	20A with 13A socket outlet	1	66CV313
Double pole with socket outlet IP66	20A with 15A socket outlet	1	66CV315

WEATHER-PROTECT ISOLATING SWITCH



DESCRIPTION:

- ◆ Acting as weather-protect isolating switches for outdoor and wet/ dusty environment.

Approval: CE, patented design

TECHNICAL PARAMETER:

Conform to BS 1363: Pt2 Suitable for 13A 3-pin plug

Complying to BS 1363: Pt1 Rated 13A, 250V AC 50Hz

High impact, UV Resistant polycarbonate material degree of protection: IP55 / IP66

CONNECTION:

Max 2.5 sq. mm 3C flexible cable or rigid cable. Conduit entry through 1xM25 threaded entry on top and bottom 2xM25. M20 is possible through reducers provided.

Designation	Rating (Amps)	Pack Qty.	Cat. No.
Unswitched socket outlet IP55	13A socket outlet	1	66SO313N
Unswitched socket Outlet IP66	13A socket outlet	1	66SO313
Unswitched socket Outlet IP66	15A socket outlet	1	66SO315
Isolating Switch IP66	2 pole 20A	1	66SW220
	3 pole 20A	1	66SW320
	2 pole 32A	1	66SW232
	3 pole 32A	1	66SW332

WEATHER-PROTECT ISOLATING SWITCHES

DESCRIPTION:

- ◆ Acting as an weather-protect isolating Switch in all types of circuit as defined in the IEE regulation.
- ◆ Using high impact strength, UV, resistast polycarbonate.

Approval: CE, patented design

TECHNICAL PARAMETER:

Conform to IEC 60947-3 Rated Voltage: 240/415VAC Rated Frequency: 50 Hz/60Hz
 Number of Pole : 2 poles, 3 poles & neutral, 4 poles
 Degree of protection: IP56 / IP66
 Utilization category: AC 22A/ AC 23AHigh impact, UV Resistant polycarbonate

CONNECTION:

Max: 25mm² connection capacity.
 Conduit entry through 2XM25 threaded entries or 2XPG16/2XM25 threaded entries on top and bottom.
 Pg21 entries available upon request



HPS



HPM

Designation	Rating (Amps)	Pack Qty.	Cat. No.
Double Pole	20A	1	HPS220
	35A	1	HPS235
	45A	1	HPS245
	63A	1	HPS263
	20A	1	HPM220
	32A	1	HPM232
	45A	1	HPM245
	63A	1	HPM263
Triple Pole & neutral	20A	1	HPS320
	35A	1	HPS335
	45A	1	HPS345
	63A	1	HPS363
	20A	1	HPM320
	32A	1	HPM332
	45A	1	HPM345
	63A	1	HPM363
Four Pole	20A	1	HPS420
	35A	1	HPS435
	45A	1	HPS445
	63A	1	HPS463
	20A	1	HPM420
	32A	1	HPM432
	45A	1	HPM445
	63A	1	HPM463

PS1 SURGE PROTECTIVE DEVICE

DESCRIPTION

PS1 Surge Protective Device (referred as SPD) provides 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 resumes its high electricity resistance to secure normal operation of the protected power network without presence of the surge voltage.

CONSTRUCTION AND FEATURE

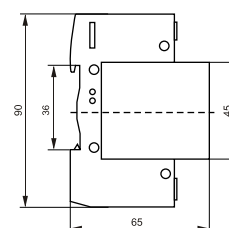
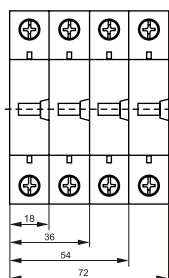
- Plug-in type function unit makes easy replacement
- On-off indicating window
- Quick response less than 25ms

TECHNICAL DATA

- 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

Category	PS1-A	PS1-B	PS1-C	PS1-D	PS1-E
Rated voltage Un:	220	220	220	380	380
Max. continuous operating voltage Uc(V)	320	320	320	420	460
Voltage protection level Up(Kv)	1	1.2	1.5	2.0	2.3
Norminal 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 I _{max} (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				

OVERALL & INSTALLATION DIMENSIONS



PS1-B SURGE PROTECTIVE DEVICE

DESCRIPTION

PS1-B Surge Protective Device can be used in the entrance of the low tension power supply net of 220V,380V to protect the electrical appliance against damage from the pulse voltage.

TECHNICAL DATA:

Type		PS1-B/1	PS1-B/1	PS1-B/1	PS1-B/2	PS1-B/3	PS1-B/4
Rating Voltage Un(V~)		75	110	220	220	380	380
DC Voltage U1 mA(V~)		120	200	510	510	630	630
Max.Working	Uc~	75	130	320	320	420	420
	Uc~	100	170	415	415	560	560
Max.available	Is=1KA	0.24	0.39	0.9	0.9	1.2	1.2
	Is=5KA	0.3	0.45	1.0	1.0	1.5	1.5
	Is=10KA	0.35	0.5	1.0	1.0	1.7	1.7
Clamping current Isn(8/		5					
Max.Clamping current Isn		10					
Response time t(ns)		<25					
Energy(2000 μ s)(A)		200A					
Temperature		-40℃~+80℃					
Color	Module	Grey					
	Base	Grey					
Material of case		Nylon					



PS1-B/4-385-30



PS1-B/4-385-40



PS4-60/4-385



PS4-80/4-385



PS4-100/4-385



PS1-C/2QB

PS1-C SURGE PROTECTIVE DEVICE

SPECIFICATIONS

Type		PS1-C/1	PS1-C/2	PS1-C/3	PS1-C/4	PS1-B/4
Rating Voltage Un(V~)		220	220	380	380	380
DC Voltage U1 mA(V~)		510	510	680	680	510
Max.Working	Uc~	320	320	420	420	320
	Uc~	415	415	560	560	415
Max.available	Is=1KA	0.9	0.9	1.2	1.2	1.0
	Is=5KA	1.0	1.0	1.5	1.5	1.1
	Is=10KA	1.2	1.2	1.7	1.7	1.3
	Is=15KA	1.3	1.3	1.8	1.8	1.4
	Is=20KA	1.4	1.4	1.9	1.9	
	Is=30KA					1.9
	Is=40KA			2.6	2.6	
	Is=60KA	1.9	1.9			2.6
Clamping current Isn (8/20)		20				30
Max.Clamping current Isn(8/		40				60
Response time t(ns)		25				
Energy(2000 μ s)(A)		200				
Temperature		-40℃~+80℃				
Color	Module	Grey				Orange
	Base	Grey				
Material of case		Nylon				



PS1-C/2-320-20



PS1-C/4-420-20



PS1-C/2+1-320-20



PS1-C/3+1-320-20X



PS1-D/2-320-5



PS1-D/4-320-5

PLY1 SURGE PROTECTIVE DEVICE

APPLICATION

PLY1 Surge protective Device can be used in the entrance of the low tension power supply net of 220V,380V to protect the electrical appliance against damage from the pulse voltage.

TECHNICAL DATA:

Type		PLY1-D/1	PLY1-D/1	PLY1-D/1	PLY1-D/2	PLY1-D/3	PLY1-D/4
Rating Voltage Un(V~)		75	110	220	220	380	380
DC Voltage U1 mA(V~)		120	200	510	510	630	630
Max.Working	Uc~	75	130	320	320	420	420
	Uc~	100	170	415	415	560	560
Max.available	Is=1KA	0.24	0.39	0.9	0.9	1.2	1.2
	Is=5KA	0.3	0.45	1.0	1.0	1.5	1.5
	Is=10KA	0.35	0.5	1.0	1.0	1.7	1.7
Clamping current Isn(8/		5					
Max.Clamping current Isn		10					
Response time t(ns)		<25					
Energy(2000 μ s)(A)		200A					
Temperature		-40℃~+80℃					
Color	Module	Grey					
	Base	Grey					
Material of case		Nylon					



PLY1-D/1



PLY1-D/2



PLY1-D/3



PLY1-D/4

SPECIFICATIONS

Type		PLY1-C/2	PLY1-C/2	PLY1-C/3	PLY1-C/4	PLY1-C/4
Rating Voltage Un(V~)		220	220	380	380	380
DC Voltage U1 mA(V~)		510	510	680	680	510
Max.Working	Uc~	320	320	420	420	320
	Uc~	415	415	560	560	415
Max.available	Is=1KA	0.9	0.9	1.2	1.2	1.0
	Is=5KA	1.0	1.0	1.5	1.5	1.1
	Is=10KA	1.2	1.2	1.7	1.7	1.3
	Is=15KA	1.3	1.3	1.8	1.8	1.4
	Is=20KA	1.4	1.4	1.9	1.9	
	Is=30KA					1.9
	Is=40KA			2.6	2.6	
	Is=60KA	1.9	1.9			2.6
Clamping current Isn (8/20)		20				30
Max.Clamping current Isn(8/		40				60
Response time t(ns)		25				
Energy(2000 μ s)(A)		200				
Temperature		-40℃~+80℃				
Color	Module	Grey				Orange
	Base	Grey				
Material of case		Nylon				

