

# **DELIXI** ELECTRIC 德力西电气



## **Delixi Electric** Product Selection Guide

Protect the Safety of Electricity  
Create the Beauty of Life



# DELIXI ELECTRIC

We are the award-winning manufacturer and supplier of power distribution, industrial control, power management and home electric products

16

Years of Legacy

60+

Countries Served

1.4K

Patents Held

5

R&D Centers

We are the largest low voltage segment joint venture between French technology and Chinese entrepreneurship, created to meet the demand for safe, reliable and quality-assured products for residential and commercial applications across the world.



## DRIVEN BY INNOVATION, SMART MANUFACTURING EXCELLENCE, SEAMLESS FULFILMENT AND LOGISTICS

With our comprehensive product portfolio, Delixi Electric has provided solutions across sectors for safe and reliable power all over the world.



RESIDENTIAL



COMMERCIAL



UTILITY



INDUSTRIAL  
& INFRASTRUCTURE



CONSTRUCTION  
ELECTRICAL

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# A First Power Distribution


A1 ACB

002-003

CDW3 Air circuit breaker-----002

# CDW3 Air Circuit Breaker

## ■ Body Code

Product name	Frame current level	Breaking capacity	Rated current	Number of poles	Installation method
W3	16	H	06	3	DH
	10: 1000A (04-10) 16: 1600A (04~16) 20: 2000A (06~20) 25: 2500A (06~25) 32: 3200A (20~32) 40: 4000A (06~40) 63: 6300A (40~63)	N: N type breaking H: H type breaking 100AF/6300AF: Only N type breaking available	04: 400A 06: 630A 08: 800A 10: 1000A 12: 1250A 16: 1600A 20: 2000A 25: 2500A 32: 3200A 40: 4000A 50: 5000A 63: 6300A	3: 3 poles 4: 4 poles	DH: Drawer type, horizontal FH: Fixed type, horizontal DV: Drawer type, vertical (only for 1600AF/4000AF) FV: Fixed type, vertical (only for 1600AF/4000AF)

CDW3 default standard configuration accessories: Shunt, closing, electric operating, 4-open and 4-closed auxiliary contact, door frame, phase partition, power module, iTR326A

6300AF: No fixed type; 6300AF-6300A: only 3P drawer type available

Breaking capacity		1000	1600	2000	2500	3200	4000	6300
Current frame								
Breaking grade		N	N H	N H	N H	N H	N H	N
Rated limit short circuit breaking capacity I <sub>cu</sub> (kA)	220V/230V/240V/380V/400V/415V	42	50 66	80 80	80 100	80 100	100 100	120
	440V/480V/500V/525V/550V/660V/690V	25	36 42	50 55	65 70	65 70	65 75	85
Rated run short circuit breaking capacity I <sub>cs</sub> (kA)	220V/230V/240V/380V/400V/415V	30	50 55	80 80	65 85	80 85	85 100	100
	440V/480V/500V/525V/550V/660V/690V	25	36 42	50 55	65 70	65 70	65 75	75
Rated short time withstand current I <sub>cw</sub> (kA)	220V/230V/240V/380V/400V/415V	30	42 42	50 65	65 85	65 85	85 85	85
	440V/480V/500V/525V/550V/660V/690V	20	36 36	50 55	65 70	65 70	65 75	75
Rated short circuit making capacity I <sub>cm</sub> (kA)	220V/230V/240V/380V/400V/415V	88.2	110 145	176 176	176 220	176 220	220 220	264
	440V/480V/500V/525V/550V/660V/690V	52.5	79 92	110 121	143 154	143 154	143 165	187
Operation time								
Operation time	Full breaking time (ms)	≤25						
	Closing time (ms)	≤70						
Service life								
Service life	Electrical life	6500	8000	8000	7000	7000	6000	800
	Mechanical life (maintenance-free)	15000	15000	15000	10000	10000	10000	2500
	Mechanical life (with maintenance)	30000	30000	30000	20000	20000	20000	5000

■ Accessory Name Table

Release accessories	
CDW3TUL	Controller iTR326
CDW3TUM	Controller iTR326A
CDW3TUH	Controller iTR326H
MX	Shunt coil
XF	Closing coil
MN	Undervoltage coil
MNR	Undervoltage delay coil
MCH	Electric operating mechanism
OF	Aux. contact
PF	Closing ready indicator contact
SWT	Fault trip indicator contact
Res	Remote reset contact
CE、CD、CT	Connect, disconnect, and test three-position indicator contact
L1	One lock and one key
L2	Two locks and one key
L3	Three locks and two keys
DLR	Door interlock
CDP	Door frame
FD	Fixed type phase partition
DD	Drawer type phase partition
CB	Secondary terminal dust cover

Release accessories	
NCT	N phase external transformer
ZT100	Earthed transformer
ZCT1	Leakage transformer
TR	Signal conversion module
DP	DC power module
AP	AC power module
FL2	Fixed cable interlock (two units)
FL3	Fixed cable interlock (three units)
DL2	Drawer type cable interlock (two units)
DL3	Drawer type cable interlock (three units)
FG2	Fixed type lever interlock (two units)
FG3	Fixed type lever interlock (three units)
DG2	Drawer type lever interlock (two units)
DG3	Drawer type lever interlock (three units)
DLBUS	Busbar drawer type cable interlock
ATSEC	Dual power controller (LCD type)
V3	Vertical L type adapter 3P
V4	Vertical L type adapter 4P
S3	Extended terminal 3P
S4	Extended terminal 4P
VBP	ON/OFF button cover

# B Secondary Power Distribution

## B1 MCCB

005-010

CDM3S moulded circuit breaker	005
CDM3E Electronic moulded case circuit breaker	007
CDM3LS Earth Meakage Moulded Circuit breaker	008
CDM3T moulded case circuit breaker	010
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## B2 ATS

011-013

CDQ0s PC-grade automatic transfer switch	011
CDQ1s PC-grade automatic transfer switch	011
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CDQ3H CB Product Model	012
CDQ3EH CB Product Model	013

## B3 Disconnecter

014-017

HGL disconnecter	014
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HH15 disconnecter fuse set	015
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HR17 fuse type disconnecter	016
CDHR16 bar shape fuse disconnecter	017
CDGNE-50	017
CDH8 series DC disconnecter	017

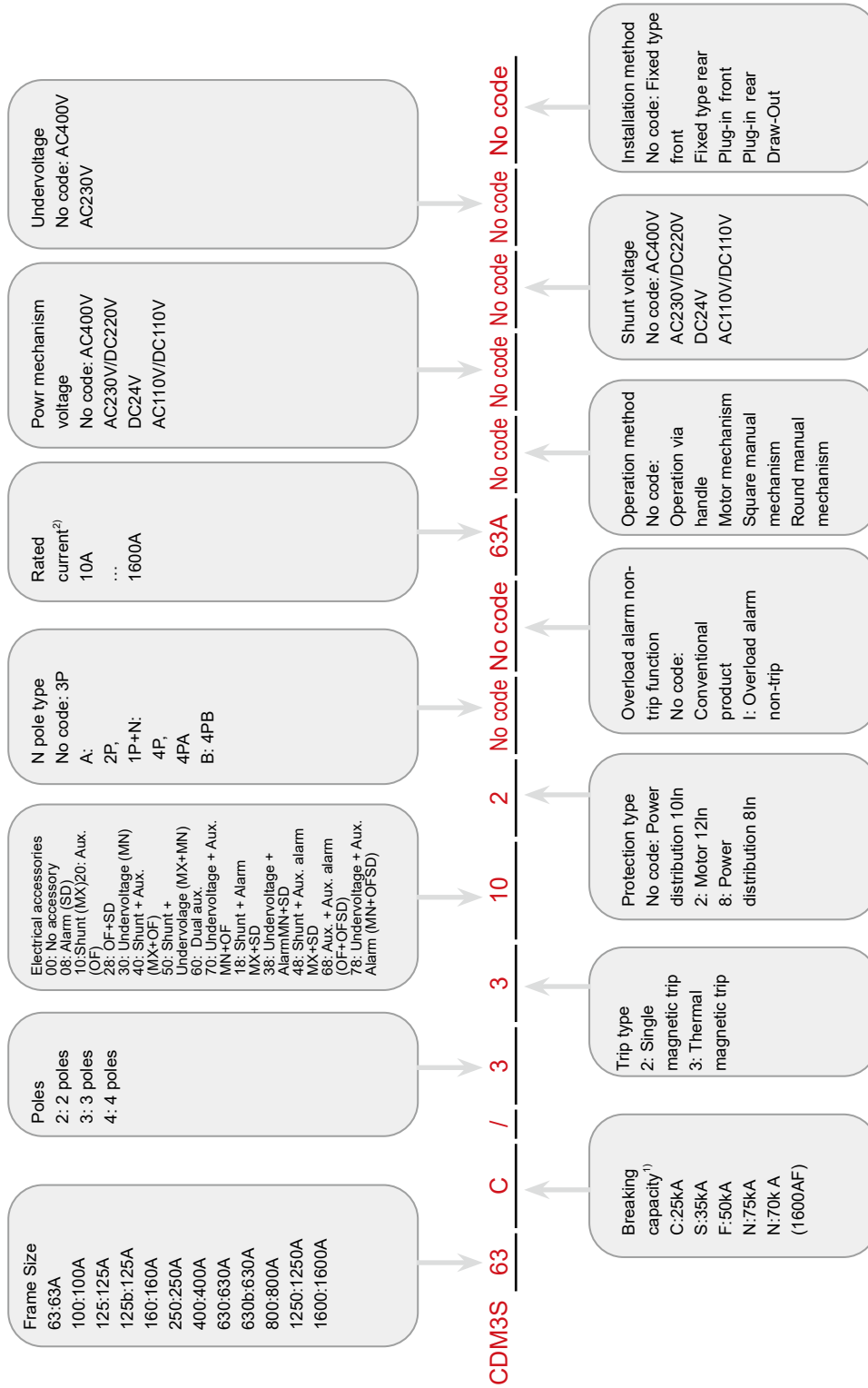
## B3 Fuse

018-022

RT16(NT) knife shape contact fuse	018
RT16-3B (NT3B) fuse link	018
RT16 fuse base	018
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CDPV1-20 fuse used for Solar PV system protection	021
CDPV2-32 (L) fuse used for Solar PV system protection	021
Straight Pipe	022




# CDM3S Moulded Circuit Breaker



■ Accessory Selection


Electrical Accessories

CDM3S	Frame current	Installation position	Accessory name	Voltage type (shunt/undervoltage)	Type
	63/100/125	Left	Shunt (MX)	AC230	Wire lead 0.5m (default)
	125b	Right	Alarm (SD)	AC400V	Wire lead 1m
	160/250		Undervoltage (MN)	DC24V	Wire lead 1.5m
	400/630		Auxiliary (OF) Dual aux.	DC110V/AC110V	Wire lead 2m
	630b		(Dual OF)	DC220V	Terminal
	800		Aux. alarm (OFSD)		
	1250				
	1600				


Notes: Except for undervoltage, the electrical accessory type adopts wire lead 0.5m. Optional 1m, 1.5m, and 2m: default undervoltage type is terminal  
 Shunt voltage types:

Undervoltage voltage types: AC400V, AC230V (with left installation supported only)

Operation Accessories

CDM3S	Frame current	Accessory name	Voltage type
	63/100/125	Motor mechanism	AC230V/DC220V
	125b	Square manual mechanism	AC400V
	160/250	Round manual mechanism	DC24V
	400/630	Extended square manual mechanism	DC110V/AC110V
	630b	Extended round manual mechanism	
	800	Extended round manual mechanism	
	1250	Speical manual mechanism for machine tool	
	1600		

Other Accessories

CDM3S	Frame current	Accessory name	Number of poles
	63/100/125*	Extended terminal	3P
	125b	Interphase barriers	4P
	160/250	Lug	
	400/630	Pad Lock	
	630b	Terminal cover	
	800		
	1250		
	1600		

Note: For 125C/S breaking type, no Pad lock, and this accessory is in development. Please wait.

A First power distribution  
 B Secondary power distribution  
 C Terminal power distribution  
 D Power management system  
 E Motor protection and control  
 F Industrial equipment and switch  
 G Power supply products  
 H Electrical Auxiliary Material

# CDM3E Electronic Moulded Case Circuit Breaker



**Notes:**

No communication function is available for 1250A and 1600A

No overload alarm function is available for 1250A and 1600A

No AC110V, DC110V, and DC220V control voltage for 1250A and 1600A shunt and motor mechanism

For 800 frame and below internal accessories (except for terminal type supplied for undervoltage) and other products, the length of wire lead is 500mm as standard configuration; if other length or terminal type is required, please specify;

No pull-out type is available for 125AF and 250AF; not plug-in front-panel product is available for 400AF and 630AF;

The horizontal outlet terminal block is defaulted for plug-in front-panel product;

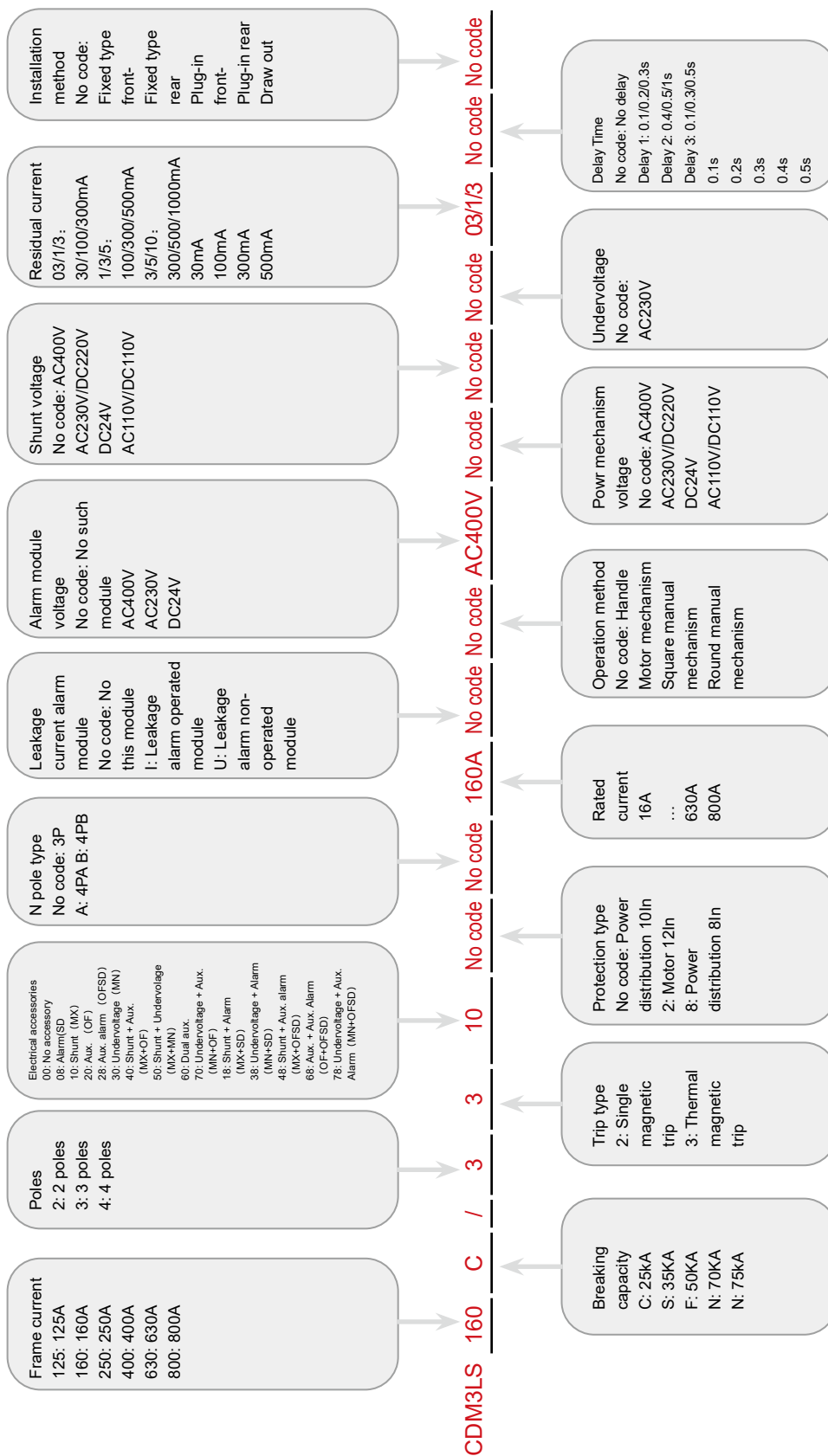
Standard configuration of conventional product: phase partition arc plate, and mounting screws

Three-remote standard configuration (aux. alarm + communication module); four-remote standard configuration (aux. alarm + motor mechanism + communication module). The voltage of the communication module is AC230V/400V

CDM3LS Earth Meakage Moulded Circuit breaker


CDM3LS Earth Meakage Moulded Circuit breaker

# CDM3LS Earth Meakge Moulded Circuit Breaker



■ Accessory Selection

Electrical Accessories


CDM3LS	Frame current	Installation position	Accessory name	Voltage type (shunt/undervoltage)	Type
	63/100	Left	Shunt	AC230	Default: wire lead 0.5m (undervoltage as terminal)
	125	Right	Alarm	AC400V	100: wire lead 1m
	160/250		Undervoltage	DC24V	150: wire lead 1.5m
	400/630		Aux.	DC110V/AC110V	200: wire lead 2m
	800		Dual aux.	DC220V	Terminal
			Aux. alarm		

Notes: Except for undervoltage, the electrical accessory type adopts wire lead 0.5m. Optional 1m, 1.5m, and 2m: default undervoltage type is terminal


Shunt voltage types:

Undervoltage voltage types: AC400V, AC230V (with left installation supported only)

Operation Accessories

CDM3LS	Frame current	Accessory name	Voltage type	
	63/100	Motor mechanism	AC230V/DC220V	
	125	Square manual mechanism	AC400V	
	160/250	Round manual mechanism	DC24V	
	400/630	Extended square manual mechanism	DC110V/AC110V	
	800		Extended round manual mechanism	
			Extended round manual mechanism	
			Speical manual mechanism for machine tool	

Other Accessories

CDM3LS	Frame current	Accessory name	Number of poles
	63/100	Extended terminal	3P
	125	Phase partition	4P
	160/250	Junciton pole	
	400/630	Handle position lock	
	800	Terminal cover	


## CDM3T Moulded Case Circuit Breaker

Product model	Frame current	Breaking capacity	Number of poles	Trip mode	Accessory	Protection type	Operation method	Installation method	Rated current
CDM3T	- 100	S / 3	3	3	00	2	Default	Default	63A
	100:100A 125:125A 160:160A 250:250A 400:400A 630:630A	S L F	3: 3 poles	2: Single magnetic trip 3: Thermal magnetic trip	00: No accessories 08: Alarm 10: Shunt 20: Aux. 30: Undervoltage 40: Shunt + Aux. 50: Shunt + Undervoltage 60: Two sets of aux. 18: Shunt + Alarm 28: Aux. + Alarm	Default: Power distribution protection 2: Motor protection	Default: Operation via handle	Default: Fixed type front-panel	16A 20A 25A 32A 40A 50A 63A 80A ... 630A

**Notes:**

1. Shunt/aux./alarm contacts have terminal and wire lead types, and the wire lead type is available as standard configuration; only terminal is provided for undervoltage; the default length of the wire lead is 500mm
2. Standard configuration for conventional product: phase partition and mounting screws (no wiring copper bar)
3. For breaking capacity values, refer to the specimen or the information on the front side of product

## CDM3LT Moulded Case Circuit Breaker


Product model	Frame current	Breaking capacity	Number of poles	Trip mode	Accessory	Protection type	Four-pole type	Operation method	Installation method	Rated current	Rated residual operating current	Limit non-drive time
CDM3LT	- 125	S / 4	3	3	00	2	A	Default	Default	63A	03/1/3	
	125:125A 250:250A	S	4: 4 poles	2: Single magnetic trip 3: Thermal magnetic trip	00: No accessory 08: Alarm 10: Shunt 20: Aux. 40: Shunt + Aux. 60: Two sets of aux. 18: Shunt + Alarm 28: Aux. + Alarm	Default: Power distribution protection 2: Motor protection	A: Three protective poles with neutral lines that cannot be open and closed B: Three protective poles with neutral lines that can be open and closed	Default: Operation via fixed handle	Default: Fixed type front-panel	16A 20A 25A 32A 40A 50A 63A ... 250A	30/100/300mA 100/300/500mA	Default: Non-delay Delay 1: 0.1/0.2/0.3s Delay 2: 0.4/0.5/1s

30/100/300mA: 03/1/3  
100/300/500mA: 1/3/5


**Notes:**

1. Shunt/aux./alarm contacts have terminal and wire lead types, and the wire lead type is available as standard configuration; the default length of the wire lead is 500mm
2. Standard configuration for conventional product: phase partition and mounting screws (no wiring copper bar)
3. Fixed delay product shall be specially ordered;
4. For breaking capacity values, refer to the specimen or the information on the front side of product
5. The rated residual operating current is 30/100/300mA; only non-delay type product is provided;

## CDQ0s Pc-Grade Automatic Transfer Switch


Product name	Frame size	Number of poles	Rated operating current
CDQ0s	63	3	63A
	63:63AF 125:125AF 250:250AF	2: 2 poles 3: 3 poles 4: 4 poles	16A ... 250A

## CDQ1s Pc-Grade Automatic Transfer Switch

Product name	Frame size	Rated operating current	Number of poles	Controller type	Wiring method
CDQ1s	100	016	4	B	Default
	100:100AF 160:160AF 250:250AF 630:630AF 16X:1600AF 32X:3200AF	016:16A ... 630:630A ... 12X:1250A ... 32X:3200A	2: 2 poles 3: 3 poles 4: 4 poles	Default: Basic type B: Digital display type	Default: Top inlet D: Bottom inlet

Note: Only 2-pole products are available for 250AF and below

## CDQ1F Pc-Grade Automatic Transfer Switch

Product name	Use category	Frame size	Number of poles	Rated operating current	Number of positions	Controller type
CDQ1F		63	4P	16	II	A
	Default:AC-33B (63AF~800AF) AC-33IB (1250AF/1600AF) H:AC-33A (63AF/125AF) AC-33IA (250AF~800AF)	63:63AF 125:125AF 250:250AF 630:630AF 800:800AF 1250:1250AF 1600:1600AF	4P: 4 poles 3P: 3 poles 2P: 2 poles	6:6A 10:10A 16:16A 20:20A ..... 1250:1250A 1600:1600A	II: II section type III: III section type	A: A type controller (dial type) B: B type controller (digital type) C: C type controller (LCD type)

## CDQ3H CB Product Model

Product name	Controller model	Frame size	Breaking capacity	Rated operating current	Number of positions	Structure form
CDQ3H	A	100	F	10	4	Z
	A: A type (Economic type)	63: 63AF 100: 100AF	S: 35KA F: 50KA	10: 10A ...	3: 3 poles 4: 4 poles	Default: Split type (Only for B type) Z: Integral type
	B: B type (Standard type / Basic type)	250: 250AF 400: 400AF 630: 630AF (Only for B type) 800: 800AF (Only for B type)	N: 70KA L: 15KA M: 15KA	100: 100A ... 250: 250A ... 400: 400A 630: 630A 800: 800A		

Note: The default length of the wire of the split type controller is 1.6m, and the customizable lengths are 2m, 2.5m, 3m, 3.5m, 4m, 4.5m, and 5m.

## CDQ3H CB Product Model


Product name	Controller model	Frame size	Trip curve	Rated current	Number of positions	Additional function
CDQ3H	A	63	C	10	4	G <sup>1)</sup>
	A: A type (Economic type) B: B type (Standard type)	63: 63AF	C: C type (For power distribution) D: D type (For motor)	10:10A ... 63:63A	42P: 2P 3: 3P 4: 4P	-: Grid - grid G: Grid - generator

-. Empty

<sup>1)</sup>The generator start function is available only for B type



## CDQ3EH CB Product Model

Product name				Controller model	Frame size	Trip curve	Rated current	Number of poles	Additional function
CD	Q	3	EH	B	63	C	10	4	G <sup>1)</sup>
CD: Chian Delixi 	Q: Automatic transfer switching equipment	3: Design code	EH: CB grade MCB Upgraded type	A: A type (Economic type) B: B type (Standard type)	63: 63AF	C: C type (For industry) D: D type (For motor)	10:10A ... 63:63A	42P: Two-pole 3: Three-pole 4: Four-pole	-: Grid - grid G: Grid - generator

--: Empty

<sup>1)</sup>The generator start function is available only for B type


## CDQ3EH CB Product Model

Frame current	Resistive current	Circuit breaker trip curve	Number of poles	A type	B type
63AF	10	C	2P <sup>1)2)</sup>	CDQ3EHA63C1042P	CDQ3EHB63C1042P
	...	...		...	...
	63	D		CDQ3EHA63D1042P	CDQ3EHB63D6342P
	10	C	3P <sup>2)</sup>	CDQ3EHA63C103	CDQ3EHB63C103
	...	...		...	...
	63	D		CDQ3EHA63D633	CDQ3EHB63D633
	10	C	4P	CDQ3EHA63C104	CDQ3EHB63C104
	...	...		...	...
	63	D		CDQ3EHA63D634	CDQ3EHB63D634


<sup>1)</sup> 2P is a special product

<sup>2)</sup> 2P/3P/4P products have the consistent dimensions

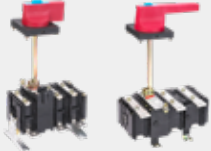
## HGL Disconnecter

Product name	Derivative model	Current spec.	Number of poles	Operation method	Aux. contact	View window	Double throw switch structure type
HGL	Z	16	3	J	11	K	C
	Default: Single throw switch Z: Double throw switch i: K series	16:16A ... 3150:3150A	3:3P 4:4P	Default: In-cabinet operation J: Out-of-cabinet operation	Default: without aux. 11: With one pairs of aux. 22: With two pairs of aux.	Default: Without view window K: With view window T: Transparent type	Default: Up and down type C: Left and right type


## HGLZ Disconnecter

Product name	Derivative model	Current spec.	Number of poles	Operation method	Aux. contact	View window	Double throw switch structure type
HGL	Z	16	3	J	11	K	C
	Default: Single throw switch Z: Double throw switch i: K series	16:16A ... 3150:3150A	3:3P 4:4P	Default: In-cabinet operation J: Out-of-cabinet operation	Default: without aux. 11: With one pairs of aux. 22: With two pairs of aux.	Default: Without view window K: With view window	Default: Up and down type C: Left and right type


## HH15 Disconnector Fuse Set

Product name	Current	Number of poles	Aux. contact type	Additional instruction
HH15	63	3	D	T
HH15:Single throw HH15S: Dual throw 	63:63A 1250:1250A ...	3: 3P 4: 4P, with the neutral pole that can be turned on/off 3N: 4P, with fixed connecting neutral pole	D: No aux. contact L: With one pairs of aux. contacts Z: With two paris of aux. contacts	T: In-cabinet operation; out-of-cabinet operation by default W: No handle Default: With handle J20: Rod extended by 20cm


Product name	Derivative model	Rated operating current	Number of poles	Aux. contact	Additional instruction
HH15	<input type="checkbox"/>	125	3	D	T
Contact series structure Contact parallel structure	Default: Single throw switch S: Dual throw switch	125:125A ... 1600:1600A	3: 3P 4: 4P, with the neutral pole that can be turned on/off 3N: 4P, with fixed connecting neutral pole	D: No aux. contact L: With one pairs of aux. contacts Z: With two paris of aux. contacts	Default: Out-of-cabinet operation T: In-cabinet operation W: No handle J20: Rod extended by 20cm W: No handle

Product name	Current	Number of poles	Aux. switch type
HR5	160	3	L
	160:160A 400:400A ...	3:3P	L: With fuse signal device (with a fuse link with a fuse sticker) D: Without fuse signal device (with a fuse link with a fuse indicator)

### HR fuse type disconnecter


Product name	Current	Number of poles	Fuse link and aux. switch combination type	Installation method
HR17	160	3	YD	
	32:32A 250:250A ... 800:800A	3:3P	YD: With fuse link, without aux. switch YL: With fuse link and aux. switch	No: Common type M: Bus type

## CDHR16 Bar Shape Fuse Disconnecter

Product name	Resistive current	Operation method	Combinaiton type
CDHR16	160	L	DT
	160:160A 250:250A 400:400A 630:630A	L: Tntegrated: Three phases work simultaneously Default: Split type, please operating separatly	DT: With fuse link DZT: With straight contact Default: No


Product series No.	Design code	Number of layers	Wiring method	Handle type	Product No.
CDGNE-50	L	2	1	1	1
	L: Common type M: Standard type H: High breaking type	2: 2 layers 3: 3 layers 4: 4 layers 6: 6 layers 8: 8 layers	1: Two layers connected in series 2: Two layers connected to the same negative pole	1: Standard handle 2: Padlock handle	1/2/3 see the parameters table

## CDH8 Series Dc Disconnecter


Product name	Current spec.	Number of poles	Additional instruction
CDH8	160	03	J
	160:160A ... 630:630A	The first digit indicates the number of poles on the left side of the mechanism The second digit indicates the number of poles on the right side of the mechanism 03: 3 poles (all three poles are on the right side of the mechanism) 04: 4 poles (all four poles are on the right side of the mechanism) 12: 3 poles (one pole on the left side of the mechanism, two poles on the right side of the mechanism) 22: 4 poles (two poles on the left side of the mechanism, two poles on the right side of the mechanism)	"J": Out-of-cabinet operation, with in-cabinet operaiton by default

## RT16(NT) Knife Shape Contact Fuse


### RT16 Fuse Link


Product name	Spec.	Type	Rated current		
RT16	00	T	2		
	00: 00 type 1: 1 type 2: 2 type 3: 3 type 4: 4 type	T: Fuse link	2:2A 4:4A 6:6A 8:8A 10:10A 12:12A 16:16A 20:20A 25:25A 32:32A	40:40A 50:50A 63:63A 80:80A 100:100A 125:125A 160:160A 200:200A 224:224A 250:250A	315:315A 355:355A 400:400A 500:500A 630:630A 800:800A 1000:1000A 1250:1250A

### RT16-3B (NT3B) Fuse Link


Product name	Spec.	Code	Type	Rated current
RT16	3	B	T	800
	3: 3 type	Derivative type	T: Fuse link	800:800A

### RT16 Fuse Base

Product name	Spec.	Type
RT16	00	Z
	00: 00 type (with matched RT16-000, RT16-00 fuse link) 1: 1 type 2: 2 type 3: 3 type 4: 4 type	Z: Base

Product name	Spec.	Code	Type
RT16	00	B	Z
	00: 00 type (with matched RT16-000, RT16-00 B: Derivative type fuse link)	Derivative type	Z: Base

■ RT16-00/3P, 4P Fuse Base

Product name	Spec.	Type	Number of poles
RT16	00	Z	3
	00: 00 type	Z: Base	3:3P 4:4P


■ CRT16-00 Fuse Link


Product name	Spec.	Type	Rated current
CRT16	00	T	4
	00: 00 type	T: 熔断体	4-600A

■ CRT16-00 Fuser Base

Product name	Spec.	Rated current	Type
CRT16	00	160	Z
	00: 00 type	160-600A	Z: 底座


## RT16A Fuse Link


Product name	Spec.	Type	Rated current			
RT16A	00	T	2			
A: Striker 	00: 00 type	T: Fuse link	2:2A	32:32A	224:224A	
	1: 1 type		4:4A	40:40A	50:50A	250:250A
	2: 2 type		6:6A	63:63A	315:315A	
	3: 3 type		8:8A	80:80A	355:355A	
			10:10A	100:100A	400:400A	
			12:12A	125:125A	500:500A	
			16:16A	160:160A	630:630A	
			20:20A	200:200A		
			25:25A			

Product name	Fuse tube diameter	Fuse tube type	Rated voltage	Rated current of fuse link
RS	□	M	G	□
	38: 38mm	Round pipe bolt mounted	G: 500V and above	35~800A
	51: 51mm		H: 1000V and above	
	63: 63mm			





### CDPV1-20 Fuse Used For Solar Pv System Protection

Product name	Spec.	Type	Rated current	
CDPV1	20	T	1	
	20: 20 type	T: Fuse link	1: 1A 2: 2A 3: 3A 4: 4A 5: 5A 6: 6A	8: 8A 10: 10A 12: 12A 15: 15A 20: 20A

Product name	Spec.	Indicator
CDPV1	20	X
	20: 20 type	X: With indicator Default: Without indicator

### CDPV2-32 (L) Fuse Used For Solar Pv System Protection

Product name	Spec.	Size	Type	Rated current
CDPV2	32	L	T	1
	32: 32 type	L: 10×85 Default: 10×65	T: Fuse link	1~32A

Product name	Spec.	Size of matched fuse link	Type	Resistive current
CDPV2	32	L	G	32
	32: 32 type	L: 10×85 Default: 10×65	G: Fuse type disconnecter	32A

## Straight Pipe

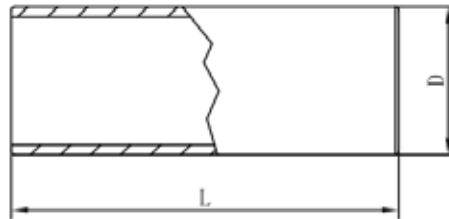
Product name	Fuse tube type
1038	ZT
1038:10x38 1451:14x51 2258:22x58	ZT: Copper straight pipe



### Scope of Application

10 x 38, 14 x 51, 22 x 58 copper straight pipes are used in the AC 50Hz line with rated insulation voltage 500V and with rated operating current up to 125A as N pole. It can be equipped with a cylindrical hat support / base and fuse type switch disconnector for insulation of power supply by cooperating with the fuse.

### Outline and Installation Dimensions (mm)



Outline dimensional drawing for 10 x 38, 14 x 51, 22 x 58 copper straight pipes

### Outline and Installation Dimensions of Fuse

Model	Name	D	L	Remarks
10x38	Copper straight pipe	Ø10±0.2	38±0.5	Suitable for supports of RT18-32, RT14-20
14x51	Copper straight pipe	Ø14±0.2	51±0.5	Suitable for supports of RT18-63, RT14-32
22x58	Copper straight pipe	Ø22±0.2	58±0.5	Suitable for supports of RT18-125, RT14-63

# C Terminal Power Distribution

## C1 Miniature circuit breaker and disconnector 024-026

DZ47S	024
DZ47SZ	024
DZ47-125	024
DZ47TR	025
DZ47P	025
DZ47MA	026
DZ47G	026
AFDD	026

## C2 Leakage protection device 027-029

DZ47SLE	027
DZ47PLEY-63	027
DZ47LE-125	028
DZL18T	028
DZ47L	028
DZ47TRLE	029

## C3 Automatic recover over-undervoltage protector 029

DZ47SGQF	029
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## C4 Rail receptacles 030

DZ47X	030
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## C5 Surge protector 030-031

DZ47SY	030
DZ47YZ	031
DZ47SCB	031


## C6 Low voltage distribution box 031-033

CDPZ30S	031
JXF	032
CDEN1X	033
CDPE30	033

## C7 Automatic control device 033


CDCH8S	033
--------	-----

## DZ47s Miniature Circuit Breaker

Product name	Breaking capacity	Number of poles	Trip type	Rated current	
DZ47s	N	1	C	6	
	N: 6kA	1: 1P 2: 2P 3: 3P 4: 4P 5: 1P+N 6: 3P+N	B: B type C: C type D: D type	1: 1A 2: 2A 3: 3A 4: 4A 6: 6A 8: 8A 10: 10A 13: 13A	16: 16A 20: 20A 25: 25A 32: 32A 40: 40A 50: 50A 63: 63A


Note: This product can be assembled with accessories OF, SD, MSN, MV, MN, MVMN, FF, FS, MO (active type), and MOWY (passive type)

## DZ47sZ DC Miniature Circuit Breaker

Product name	Breaking capacity	Number of poles	Trip type	Rated current
DZ47sZ	Default	2	C	6
	Default: Breaking 6kA 1P: DC250V 2P/3P: DC500V	1: 1P 2: 2P 3: 3P	B: B type C: C type	1: 1A 2: 2A 3: 3A ... 63: 63A


Note: The product can be assembled with accessories OF, SD, MSN, MV, MN, MVMN, FF, FS, MO (active type), and MOWY (passive type)

## DZ47-125 High Current Circuit Breaker

Product name	Number of poles	Trip type	Rated current
DZ47-125	1	C	6
	1: 1P 2: 2P 3: 3P 4: 4P	C: C type D: D type	63: 63A 80: 80A 100: 100A 125: 125A


Note: The product can be assembled with accessories OF, SD, MV, MN, MVMN, MO (active type)

## DZ47TR Transparent Miniature Circuit Breaker

Product name	Breaking capacity	Frame size	Number of poles	Trip type	Rated current
DZ47TR	N	63	2	C	20
	N: 6kA a: 4.5kA	63: 63A	1: 1P 2: 2P 3: 3P 4: 4P	C: C type D: D type	6: 6A 10: 10A ... 63: 63A


Note: The product can be assembled with accessories OF, SD, MSN, MV, MN, MVMN, FF, FS, MO (active type), and MOWY (passive type)

## DZ47P “Phase Line + Neutral Line” Circuit Breaker

Product name	Trip type	Rated current
DZ47P	C	6
	C: C type D: D type	6: 6A 10: 10A 16: 16A 20: 20A 25: 25A 32: 32A 40: 40A


Note: The product can be assembled with accessories OF, SD, MSN, MV, MN, MVMN, FF, FS, MO (active type), and MOWY (passive type)

## DZ47MA Magnetic Type Miniature Circuit Breaker

Product name	Breaking capacity	Frame size	Number of poles	Trip type	Rated current
DZ47MA	N	63	2	C	20
	N: 6kA	63: 63A	1: 1P 2: 2P 3: 3P 4: 4P	B: C type C: C type	6: 6A 10: 10A ... 63: 63A


Note: The product can be assembled with accessories OF, SD, MSN, MV, MN, MVMN, FF, FS, MO (active), and MOWY (passive)

## DZ47G Switch Disconnector

Product name	Number of poles	Rated current
DZ47G	1	20
	1: 1P 2: 2P 3: 3P 4: 4P	20: 20A 25: 25A 32: 32A 40: 40A 63: 63A 80: 80A 100: 100A 125: 125A


Note: This product cannot be assembled with accessories

## AFDD Arc Fault Protection Circuit Breaker

Product name	Number of poles	Trip type	Rated current
AFDD	1	C	6
	1: 1P+N	C: C type	6: 6A 10: 10A 16: 16A 20: 20A


Model selection example: AFDD1C16, indicating: AFDD 1P+N C type 16A

### DZ47sLE Residual Current Operated Circuit Breaker(RCBO)

Product name	Breaking capacity	Number of poles	Trip type	Rated current	Residual current	Other function
DZ47sLE	N	1	C	6		G
	N: 6kA	*1: 1P+N *2: 2P 3: 3P 6: 3P+N 5: 4P	*C: C type *D: D type	*6: 6A *10: 10A *16: 16A *20: 20A *25: 25A *32: 32A *40: 40A *50: 50A *63: 63A	*Default: 30mA R50: 50mA R75: 75mA R100: 100mA R300: 300mA	Default: No overvoltage protection G: With overvoltage protection


Note: The product can be assembled with accessories: OF, SD, MSN, MV, MN, MVMN, FF, FS, MO (active), and MOWY (passive)

### DZ47PLEY-63 “Phase line + neutral line” Residual Current Operated Circuit breaker

Product name	Inlet type	Trip curve	Rated current	Residual current	Other function
DZ47PLEY-63	□	C	6	□	□
	Default: Top inlet R: Bottom inlet	C: C type D: D type	6: 6A 10: 10A 16: 16A 20: 20A 25: 25A 32: 32A 40: 40A 50: 50A 63: 63A	Default: 30mA R10: 10mA R50: 50mA R75: 75mA R1: 100mA R3: 300mA	Default: AC type without overvoltage protection G: AC type with overload protection

Note: The product can be assembled with accessories OF, SD, MSN, MV, MN, MVMN, FF, FS, MO (active), and MOWY (passive)


## DZ47LE-125 High Current Residual Current Operated Circuit Breaker

Product name	Number of poles	Trip type	Rated current	Residual current	Other function
DZ47LE-125	1	C	63		G
	*1: 1P+N *2: 2P 3: 3P 6: 3P+N 4: 4P	C: C type *D: D type	*63: 63A *80: 80A *100: 100A *125: 125A	*Default: 30mA R50: 50mA R75: 75mA R100: 100mA R300: 300mA	Default: No overvoltage protection G: With overvoltage protection


Note:

- Specifications only marked with \* have overvoltage functions
- The product can be assembled with accessories OF, and SD

## DZL18T Transparent Residual Current Operated Circuit Breaker

Product name	Number of poles	Frame size	Button feature No.	Current	Protection type
DZL18	T	32	F	20	B1
	Default: Non-transparent shell T: Transparent shell	32A	F: Single button	20: 20A 32: 32A	B1: Only with residual current protection


## DZ47L Electromagnetic Type Residual Current Operated Circuit Breaker

Product name	Number of poles	Rated current	Residual current	Leakage protection type	
DZ47L	2	10	S	C	
	2: 2P 4: 4P	10: 10A 16: 16A 20: 20A 25: 25A 32: 32A	40: 40A 63: 63A 80: 80A 100: 100A	S: 30mA Y: 100mA T: 300mA	C: AC type A: A type

Note: This product cannot be assembled with accessories




## DZ47TRLE Transparent Residual Current Operated Circuit Breaker

Product name	Breaking capacity	Frame size	Number of poles	Trip type	Rated current	Rated residual operating current
DZ47TRLE	N	60	2	C	20	R15
	N: 6kA a: 4.5kA	60: 60A	1: 1P+N 2: 2P 3: 3P 4: 4P 6: 3P+N	C: C type D: D type	6: 6A 10: 10A ... 60: 60A	No: 30mA by default R15: 15mA R50: 50mA

Note: The product can be assembled with accessories OF, SD, MSN, MV, MN, MVMN, FF, FS, MO (active), and MOWY (passive)

## DZ47sGQF(R) Automatic Recover Type Overvoltage And Undervoltage Protector


Product name	Number of poles	Rated current
DZ47sGQF/GQR	6	
DZ47sGQF: Top input wiring DZ47sGQR: Reverse input wiring	Default: 1P+N 6: 3P+N	20: 20A 25: 25A 32: 32A 40: 40A 50: 50A 63: 63A 80: 80A 100: 100A
		

Note:

1P+N: 20~80A; 3P+N: 20~100A

Model example: DZ47SGQF40: DZ47sGQF Top inlet: 1P+N 40A

## DZ47X Frame Type Socket (Modular Socket)


Product name	Number of poles	Rated current
DZ47X	5	16
	2: 2P	10: 10A
	3: 2P+PE	10: 10A 16: 16A
	4: 3P+PE	16: 16A 25: 25A
	5: 2P/2P+PE	10: 10A/10A 16: 10A/16A

Selection example:


DZ47X516: indicates DZ47X modular five-hole socket

Single phase two poles, 10A+single phase two poles with grounding 16A


## DZ47sY Surge Protection Device

Product name	Impulse current / max. discharge current	Number of poles	Max. continuous voltage	Accessories
DZ47sY-I+II	40	4	385	YX
	12: 12.5kA (impulse current) 15: 15kA (impulse current) 25: 25kA (impulse current)	1: 1P 2: 2P 3: 3P 4: 4P 5: 1P+N 6: 3P+N	Default: 385V 275: 275V 385: 385V 440: 440V	Default: No YX: Remote signalling accessory
	DZ47sY-II	20: 20kA 40: 40kA 65: 65kA 80: 80kA 120: 120kA 160: 160kA		
DZ47sY-III	10: 10kV (open circuit voltage)	6: 1P+N	320: 320V	


## DZ47YZ (High Voltage DC) Surge Protection Device

Product series	Max. discharge current I <sub>max</sub>	Number of poles	Max. continuous operating current U <sub>c</sub>	Accessory
DZ47YZ	40	2	L	YX
	40: 40kA	2: 2P	L: DC 800V N: DC1000V H: DC1200V	Default: No YX: Remote signalling accessory

## Special Protector for DZ47SCB Surge Protection Device

Product series	Test category	Impulse current I <sub>imp</sub>	Breaking capacity	Number of poles
Max. discharge current I <sub>max</sub>	Breaking capacity	Number of poles	100	4P
	1: Class I (10/350us)	Impulse current I <sub>imp</sub> (10/350us) 15: 15kA	100: 100kA 65: 65kA	1: 1P 2: 2P 3: 3P 4: 4P
	2: Class II (8/20us)	Max. discharge current I <sub>max</sub> (8/20us) 20: 20kA 40: 40kA 65: 65kA 80: 80kA 120: 120kA		

## CDPZ30s Lighting Distribution Box

Product name	Installation method	Wayst	Single and double row	Iron sheet thickness	
CDPZ30s	R	15	D	12	
	M: Surface installation R: Flush installation	4: 4 ways 6: 6 ways 8: 8 ways 10: 10 ways 12: 12 ways 15: 15 ways 18: 18 ways 20: 20 ways	24: 24 ways 30: 30 ways 36: 36 ways 45: 45 ways 54: 54 ways 60: 60 ways 72: 72 ways 80: 80 ways	Double rows for 20 circuits and 24 circuits by default "D" added as suffix of single row specification	Default: Single row 1.0mm for 4-20 circuits J: Single row 0.8mm for 4-20 circuits Double row for 20 circuits – 80 circuits 1.0mm

## JXF Power Distribution Box


### Technical Parameters

- Rated operating voltage: 220/380V AC
- Short time withstand current: 6/15kA
- Max. rated operating current: 400A
- Material
  - Made of cold-rolled steel plate, and the surface is subject to the electrostatic spraying technology treatment, sturdy and durable
- Protection grade: Complete set: IP40; box: IP43
- Standard: GB7251/GB17466


### Order Information

Shell thickness (mm)	Number of door locks (pcs)	Order No.	
		Indoor box	Outdoor box
1.0	1	JXF252014	JXF252014H
1.0	1	JXF302514	JXF302514H
1.0	1	JXF302518	JXF302518H
1.0	1	JXF303014	JXF303014H
1.0	1	JXF303018	JXF303018H
1.0	1	JXF403014	JXF403014H
1.0	1	JXF403020	JXF403020H
1.0	2	JXF504014	JXF504014H
1.0	2	JXF504020	JXF504020H
1.0	2	JXF504025	JXF504025H
1.2	2	JXF604014	JXF604014H
1.2	2	JXF604020	JXF604020H
1.2	2	JXF604025	JXF604025H
1.2	2	JXF605014	JXF605014H
1.2	2	JXF605020	JXF605020H
1.2	2	JXF605025	JXF605025H
1.2	2	JXF705016	JXF705016H
1.2	2	JXF705020	JXF705020H
1.2	2	JXF705025	JXF705025H
1.5	2	JXF806020	JXF806020H
1.5	2	JXF806025	JXF806025H
1.5	2	JXF1008020	JXF1008020H
1.5	2	JXF1008025	JXF1008025H
1.5	2	JXF1008030	JXF1008030H


## CDEN1X Commucation Optical Fiber Distrubution Box

Product name	Funciton type	Box spec.	Panel	Thickness
CDEN1X	G	01	W	J
	G: Optical fiber box	01: Small box 300*250-120 02: Middle box 350*300*120 03: Large box 400*300*120	W: Milky white panel Default: Metal panel	J: Thick 0.8mm Default: 1.0mm

## CDPE30 Equipotential Bonding Terminal Box

Product name	Box spec.	Earth terminal material	Earth terminal size
CDPE30	A	T	220
	A: Small box B: Middle box C: Large box	F: Galvanized flat copper T: Copper bar	112: 1x12mm [Thickness x Width] 220: 2x20mm [Thickness x Width] 225: 2x25mm [Thickness x Width] 320: 3x20mm [Thickness x Width] 325: 3x25mm [Thickness x Width] 420: 4x20mm [Thickness x Width] 425: 4x25mm [Thickness x Width] 240: 2x40mm [Thickness x Width] 340: 3x40mm [Thickness x Width] 440: 4x40mm [Thickness x Width] 450: 4x50mm [Thickness x Width] 460: 4x60mm [Thickness x Width]

## CDCH8S Modular Contactor

Product name	Rated current	Number of poles	Main contact type	Voltage type
CDCH8s	16	2	20	N
	16: 16A 20: 20A 25: 25A 40: 40A 63: 63A	2: 2P 4: 4P	20: 2NO 40: 4NO 02: 2NC 04: 4NC 11: 1NO,1NC 22: 2NO,2NC 10: 1NO 31: 3NO,1NC 01: 1NC 30: 3NO 03: 3NC	N: 220V-240V L: 24V

# D Power Management System

## D5 Reactive power compensator 036-038

JKL5CV intelligent reactive power automatic compensation controller	036
JKL2CV intelligent reactive power automatic compensation controller	036
JKF2C Intelligent Automatic Reactive Power Compensation Controller	037
JKF5C Intelligent Automatic Reactive Power Compensation Controller	037
JKF6C Intelligent Automatic Reactive Power Compensation Controller	037
CDSK Intelligent Combination Switch	038
JKDSC Series Intelligent Reactive Dynamic Regulation Controller	038

## Contactor 038

CDC19S	038
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## Reactor 039

CKSG three-phase series reactor	039
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## D1 Capacitor 040-041

BSMJS Self-recover low-voltage shunt capacitor	040
CDCE3 Low voltage smart capacitor compensation device	041
CDCAP3 Cylindrical self-recover low-voltage shunt capacitor	041

## D2 Energy meter 042-046

DDS606 single-phase electronic energy meter	042
DDSU6606 Single phase electronic energy meter (2P, Rail)	042
DDSU6606 Single phase electronic energy meter (Rail)	043
DDSY606 single-phase prepaid energy meter	043
DDSU6606-1 Single phase electronic energy meter (rail)	043
DTS606 three-phase electronic type energy meter	044
DTSU6606 three-phase and four-wire electronic type energy meter (rail)	044
DTSY606, DSSY606 three phase electronic type prepaid energy meter	045
DTSU6606-1 three phase electronic type prepaid energy meter	045
DT(S)SF606 three phase electronic type multi-rate watt-hour meter	045
DT(S)S(X) 606 three phase electronic type combined active and reactive energy meter	046
DTSF/U6606 three-phase and four-wire electronic type multi-rate energy meter (rail)	046

### D3 Electrical measuring instrument

047-054


P606E	047
P□606□-48□□ Mounted programmable digital display electrical measuring instrument	049
P□606□-72□□ Mounted programmable digital display electrical measuring instrument	049
P□606□-6□□ Mounted programmable digital display electrical measuring instrument	049
P□606□-96□□ Mounted programmable digital display electrical measuring instrument	050
P□606□-482P1 Mounted programmable digital display electrical measuring instrument	050
P□606□-42□□ Mounted programmable digital display electrical measuring instrument	051
PD606L-□□□-□□□□ Mounted programmable digital display combined electrical measuring instrument	051
PD606L-□□□-□□□□ Mounted programmable digital display multifunctional meter	052
H99, 96, 72	052
6C2, 6L2, 42C3, 42C6	053
85C17	053
85L17	053
69C17	054
69C13	054
69L13	054
59L1	054
59C2, 44	054

### D4 Current transformer

055-056

LMZJ1-0.5	055
LMZJ1-0.66	055
LMZ1-0.5	055
LMZ3-0.66	056
LMK-0.66	056
LMK5-0.66	056


## JKL5CV Intelligent Reactive Power Automatic Compensation Controller

Product model	Operating voltage	Spec.	Function option
JKL5CV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Q:380V	4: 4 circuits 6:6 circuits 8:8 circuits 10:10 circuits 12:12 circuits	SZ:RS485 S: Conventional

Order example:

To order an intelligent reactive power automatic compensation controller with a voltage of 380V, a specification of 6 circuits, and RS485 communication function, please specify the product model: JKL5CVQ6SZ

## JKL2CV Intelligent Reactive Power Automatic Compensation Controller


Product model	Operating voltage	Spec.	Function option
JKL2CV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M:220V	4: 4 circuits 6:6 circuits 8:8 circuits 10:10 circuits 12:12 circuits	SZ:RS485 S: Conventional

Order example:

To order an intelligent reactive power automatic compensation controller with a voltage of 220V, a specification of 6 circuits, and RS485 communication function, please specify the product model: JKL2CVM6SZ




## JKF2C Intelligent Automatic Reactive Power Compensation Controller

Product name	Voltage	Spec.	Output signal	Function
JKF2C	N	12	DC	Z
	N: 3 x 230V (Three-phase sub-compensation)	12 circuits	DC: dc 12v Default: Conventional type	Z: Communication type Default: Conventional type

Order example:

To order the JKF2C intelligent automatic reactive power compensation controller with voltage 3 x 230V, specification 12 circuits, output DC 12V, and with communication function, the corresponding order code is JKF2CN12DCZ.


## JKF5C Intelligent Automatic Reactive Power Compensation Controller

Product name	Voltage	Spec.	Output signal	Function
JKF5C	V	12	DC	Z
	V: 400V (Three-phase co-compensation)	12 circuits	DC: dc 12v Default: Conventional type	Z: Communication type Default: Conventional type

Order example:

To order the JKF5C intelligent automatic reactive power compensation controller with voltage 400V, specification 12 circuits, output DC 12V, and with communication function, the corresponding order code is JKF5CV12DCZ.


## JKF6C Intelligent Automatic Reactive Power Compensation Controller

Product name	Voltage	Spec.	Output signal	Function
JKF6C	N	24	DC	Z
	N: 3 x 230V (Three-phase sub-compensation)	24 circuits	DC: dc 12v Default: Conventional type	Z: Communication type Default: Conventional type

Order example:

To order the JKF6C intelligent automatic reactive power compensation controller with voltage 3 x 230V, specification 12 circuits, output DC 12V, and with communication function, the corresponding order code is JKF6CN24DCZ.


## CDSK Intelligent Combination Switch

Product name	Volage	Total control capacity	Function option
CDSK	V	20	Z
	V: 400V (three-phase co-compensation) N: 3x230V (three-phase sub-compensation)	20Kvar 40Kvar 50Kvar	Z: Communication type Default: Conventional type

Order example:


To order the intelligent CDSK combination switch with voltage 400V, total control capacity 20K var, and with communication function, the corresponding order code is CDSKV20AZ.

## JKDSC Series Intelligent Reactive Dynamic Regulation Controller


Product name	Voltage	Current	Type
JKDSC	Q	630	ES
	M:220V Q:380V	1A: Co-compensation 3F Partial compensation	25: 25kvar 30: 30kvar 40: 40kvar

Order example:

To order the intelligent reactive dynamic regulation controller with voltage 380V, compensation type co-compensation, and compensation capacity 25Kvar, the corresponding order code is JKDSCQ1A25.


Product model	Spec. code	Aux. contact	Coil voltage
CDC19s	25	11	M
	25: 25 32: 32 ... 115: 115 150: 150 170: 170	11: 1 normally open + 1 normal closed 20: 2 normally open + 0 normal closed ... 21: 2 normally open + 1 normal closed 32: 3 normally open + 2 normal closed Note: 32 is only suitable for 150A, 170A	F: 110V M: 220V Q: 380V

## CKSG Three-Phase Series Reactor

Product name	Material	Rated capacity of reactor	Rated volage of capacitor	Reactance rate
CKSG	□	□	□	□
	Default: Copper wire	P6:0.6kvar	0.4:0.4kV	H1:1%
	L: Al wire	P7:0.7kvar	0.48:0.48kV	H4P5:4.5%
	...	...	...	...
		9P1.9.1kvar	114:1.14kV	H14:14%

Note: G: means separator; P means decimal point

## BSMJS Self-Recover Low-Voltage Shunt Capacitor

Product model	Reactor or not	Rated voltage	Rated compensation capacity	Compensation mode	Shell type
BSMJS	0	04500	0150	3	D
	0: Without reactor	02300: 0.23KV	0005: 0.5kvar	1: Single phase compensation	D: D type
	2: With reactor	02500: 0.25KV	...	3: Three phase compensation	M: M type
		02800: 0.28KV	0075: 7.5kvar	4: Split phase compensation	Q: Q type
		04000: 0.4KV	...		
		04150: 0.415KV	0100: 10kvar		
		04400: 0.44KV	...		
		04500: 0.45KV	0150: 15kvar		
		04800: 0.48KV	...		
		05250: 0.525V	0200: 20kvar		
		06900: 0.69KV	...		
		07500: 0.75KV	0300: 30kvar		
		02303: 0.23√3KV	...		
		02503: 0.25√3KV	0400: 40kvar		
		02803: 0.28√3KV	...		
		04003: 0.4√3KV	0600: 60kvar		

Note 1: Voltage representation method for different compensation mode

The rated operating voltage of single-phase compensation depends on the working mode, phase or line used by customer; the rated operating voltage of three-phase compensation is expressed using line voltage; the rated operating voltage of split phase compensation is expressed using the phase voltage  $\sqrt{3}$ ;

Note 2: The maximum compensation capacity varies depending on the different compensation method and the different rated operating voltage;


Note 3: The outline dimensions vary depending on the different compensation methods and different rated operating voltage, and there are following different types:

D: D type flat round shell; M: M-shaped square shell; Q: Q-shaped rectangular shell


Note 4: The capacity range and size under the different operating voltages and different compensation methods are listed in Table

Note 5: The compensation method and other compensation capacities within the rated operating voltage range can be customized

### CDCE3 Low Voltage Smart Capacitor Compensation Device


Product name	Compensation method	Rated voltage of capacitor	Rated capacity (kvar)
CDCE3	GB	450	0505
	GB: Three phase compensation	0450: 450V (common compensation)	Common compensation: 0505: 5+5kvar 1005: 10+5kvar 1010: 10+10kvar 1510: 15+10kvar 1515: 15+15kvar 2010: 20+10kvar 2020: 20+20kvar
	FB: Split phase compensation	0250: 250V (split compensation)	Split compensation: 0005: 5kvar 0010: 10kvar 0015: 15kvar 0020: 20kvar 0030: 30kvar


### CDCAP3 Cylindrical Self-Recover Low-Voltage Shunt Capacitor

Product model	Rated voltage	Rated compensation capacity	Compensation mode
CDCAP3	0400	005	3
	0230: 0.23kV ... 0525: 0.525kV	005: 5kvar ... 030: 30kvar	3: Three-phase compensation


Note: 0.415, 0.44, and 0.48kV voltages can be customized.


## DDS606 Single-Phase Electronic Energy Meter

Product name	Voltage	Accuracy grade	Spec.	Function option
DDS606	M	1	6M4	H
	M:220V	1: Grade 1 2: Grade 2	6M4:1.5 (6)A ... 100M3:30 (100)A	H: Mutual inductance type CD: LCD screen, CD: LCD, infrared, 485 Default: Direct and meter display


Product name	Voltage	Accuracy grade	Spec.	Function option
DDS606	M	2	6M4	HL
	M:220V	1: Grade 1 2: Grade 2	6M4:1.5 (6)A ... 100M10:10 (100)A	H: Mutual inductance type CD: LCD screen, CD: LCD Default: Direct and meter display L: Navigator series

## DDSU6606 Single Phase Electronic Energy Meter (2P, Rail)


Product name	Voltage	Accuracy grade	Spec.
DDSU6606v			
	220V	B grade	5 (60) A bottom inlet and top outlet wifi LCD 5 (80) bottom inlet and top outlet 485 LCD 5 (80)A Left inlet and right outlet LCD 5 (80)A Left inlet and right outlet 485 LCD

Product name	Voltage	Accuracy grade	1)Spec.
DDSU6606	M	1	60M12
	M:220V	1: Grade 1 2: Grade 2	60M12:5 (60)A


### DDSU6606 Single Phase Electronic Energy Meter (Rail)

Product name	Voltage	Accuracy grade	<sup>1)</sup> Spec.	Function option
DDSU6606	M	1	10M4	
	M:220V	1: Grade 1 2: Grade 2	10M4:2.5 (10)A ... 80M420 (80)A	CD: LCD, infrared, 485 Default: Direct type and meter display


### DDSY606 Single-Phase Prepaid Energy Meter

Product name	Voltage	Accuracy grade	<sup>1)</sup> Spec.	Function option
DDSY606	M	1	40M8	HCD4L
	M:220V	1: Grade 1	40M8:5 (40)A	H: Mutual inductance type Default: Direct type CD: LCD screen, infrared 4:485 L: Dengfeng series

### DDSU6606-1 Single Phase Electronic Energy Meter (Rail)

Product name	Voltage	Accuracy grade	<sup>1)</sup> Spec.	Function option
DDSU6606-1	M	1	60M12	
	M:220V	1: Grade 1 2: Grade 2	60M12:5(60)A ... 80M8:10(80)A	


### DTS606 Three-Phase Electronic Type Energy Meter


Product name	Voltage	Accuracy grade	Spec. <sup>1)</sup>	Function option <sup>2)</sup>
DTS606	MQ	1	6M4	H
	MQ:220/380V WY:57.7/100V Y:100V Q:380V	1: Grade 1 2: Grade 2	6M4:1.5 (6)A ... 100M3:30 (100)A	H: Mutual inductance type CD: LCD screen, infrared, 485 Default: Direct type and meter display

### DTS606 Three-Phase Electronic Type Energy Meter

Product name	Voltage	Accuracy grade	Spec. <sup>1)</sup>	Function option <sup>2)</sup>
DTS606	MQ	1	6M4	CD4NL
DTS606 DSS606	MQ:220/380V WY:57.7/100V Y:100V Q:380V	1: Grade 1 2: Grade 2	6M4:1.5 (6)A ... 100M10:10(100)A	H: Mutual inductance type CD: LCD screen, infrared, 485 4: 485 Default: Direct type N: Direct type internal power-off W: Direct type external power-off L: Dengfeng series


### DTSU6606 Three-Phase And Four-Wire Electronic Type Energy Meter (Rail)

Product name	Voltage	Accuracy grade	Spec.	Function option
DT/SSU6606v	MQ	B	6	H
	MQ:220/380V WY:57.7/100V Y:100V Q:380V	Grade B	6:0.05-0.25(6)A 80:0.6-1.5(80)A	H: Mutual inductance type


Product name	Voltage	Accuracy grade	Spec.	Function option
DTSU6606	MQ	1	6M4	HCD
	MQ:220/380V WY:57.7/100V	1: Grade 1 2: Grade 2	6M4:1.5 (6)A ... 100M3:30 (100)A	H: Mutual inductance type Default: Direct type CD: LCD screen, infrared, 485




## DTSY606, DSSY606 Three Phase Electronic Type Prepaid Energy Meter

Product name	Voltage	Accuracy grade	Spec. <sup>1)</sup>	Function option <sup>2)</sup>
DTSY606	MQ	1	6M4	CD4NL
DTSY606 DSSY606 	MQ:220/380V WY:57.7/100V Y:100V Q:380V	1: Grade 1	6M4:1.5(6)A ... 100M3:30(100)A	H: Mutual inductance type CD: LCD screen, infrared, 485 4: 485 Default: Digital tube display N: Direct type internal power-off W: Direct type external power-off L: Dengfeng series

## DTSU6606-1 Three Phase Electronic Type Prepaid Energy Meter

Product name	Voltage	Accuracy grade	Spec. <sup>1)</sup>	Function option <sup>2)</sup>
DTSU6606-1	MQ	1	6M4	H
	MQ:220/380V	1: Grade 1	6M4:1.5 (6)A ... 100M10:10 (100)A	H: Mutual inductance type Default: Direct type

## DT(S)SF606 Three Phase Electronic Type Multi-Rate Watt-Hour Meter

Product name	Voltage	Accuracy grade	Spec. <sup>1)</sup>	Function option <sup>2)</sup>
DTSF606	MQ	1	6M4	HCD4L
DTSF606 DSSF606 	MQ:220/380V WY:57.7/100V Y:100V Q:380V	1: Grade 1 2: Grade 2	6M4:1.5(6)A ... 100M3:30(100)A	H: Mutual inductance type CD: LCD screen, infrared 4: 485 L: Navigator series

## DT(S)S(X) 606 Three Phase Electronic Type Combined Active And Reactive Energy Meter

Product name	Voltage	Accuracy grade	Spec. <sup>1)</sup>	Function option
DTSX606	MQ	1	6M4	HL
DTS(X)606 DSS(X)606	MQ:220/380V WY:57.7/100V Y:100V Q:380V	1: Grade 1 2: Grade 2	6M4:1.5(6)A ... 100M3:30(100)A	H: Mutual inductance type CD: LCD screen, infrared 4: 485 L: Navigator series



## DTSF/U6606 Three-Phase And Four-Wire Electronic Type Multi-Rate Energy Meter (Rail)

Product name	Voltage	Accuracy grade	Spec.	Function option
DTSF/U6606	MQ	1	6M4	H
	MQ:220/380V WY:57.7/100V	1: Grade 1 2: Grade 2	6M4:1.5 (6)A ... 100M3:30 (100)A	H: Mutual inductance type Default: Direct type



## P\*606E Series Digital Display Electrical Measuring Instrument

### ■ Three Phase Multifunctional Meter

Model	Outline dimensions	Basic function	Aux. function (optional)
PD606E-42T3Y · PD606E-6T3Y · PD606E-72T3Y · PD606E-96T3Y	120×120 · 80×80 · 72×72 · 96×96	RS485, with switching power supply, LCD display mode	No
PD606E-42T4 · PD606E-6T4 · PD606E-72T4 · PD606E-96T4	120×120 · 80×80 · 72×72 · 96×96	RS485, with switching power supply, digital tube display mode	No
PD606E-72N3Y · PD606E-72N3Y-E · PD606E-6N3Y · PD606E-6N3Y-E	72×72 · 80×80	RS485, with switching power supply, LCD display mode	2DI, 2DI+1DO, harmonic wave
PD606E-72N4 · PD606E-6N4	72×72 · 80×80	RS485, with switching power supply, digital tube display mode	2DI, 2DI+1DO
PD606E-96N3Y · PD606E-96N3Y-E · PD606E-42N3Y · PD606E-42N3Y-E	96×96 · 120×120	RS485, with switching power supply, LCD display mode	2DI, 4DI, 2DI+2DO, 4DI+2DO, harmonic wave
PD606E-96N4 · PD606E-42N4	96×96 · 120×120	RS485, with switching power supply, digital tube display mode RS485, with switching power supply, LCD display mode RS485, with switching power supply, digital tube display mode RS485, with switching power supply, LCD display mode RS485, with switching power supply, digital tube display mode	2DI, 4DI, 2DI+2DO, 4DI+2DO

### ■ Three-Phase Ammeter

Model	Outline dimensions	Basic function	Aux. function (optional)
PA606E-72P3Y · PA606E-72T3Y · PA606E-72N3Y · PA606E-6P3Y · PA606E-6T3Y · PA606E-6N3Y · PA606E-96P3Y · PA606E-96T3Y · PA606E-96N3Y	72×72 · 80×80 · 96×96 · 120×120	RS485 (optional), switching power supply (optional), LCD display mode	2DI+1DO
PA606E-42P3Y · PA606E-42T3Y · PA606E-42N3Y · PA606E-72P4 · PA606E-72T4 · PA606E-72N4 · PA606E-6P4 · PA606E-6T4 · PA606E-6N4 · PA606E-96P4 · PA606E-96T4 · PA606E-96N4 · PA606E-42P4 · PA606E-42T4 · PA606E-42N4	72×72 · 80×80 · 96×96 · 120×120	RS485 (optional), switching power supply (optional), Digital tube display mode	1DO

### ■ Three-Phase Voltmeter

Model	Outline dimensions	Basic function	Aux. function (optional)
PZ606E-72P3Y · PZ606E-72T3Y · PZ606E-72N3Y · PZ606E-6P3Y · PZ606E-6T3Y · PZ606E-6N3Y · PZ606E-96P3Y · PZ606E-96T3Y · PZ606E-96N3Y · PZ606E-42P3Y · PZ606E-42T3Y · PZ606E-42N3Y	72×72 · 80×80 · 96×96 · 120×120	RS485 (optional), switching power supply (optional), LCD display mode	2DI+1DO
PZ606E-72P4 · PZ606E-72T4 · PZ606E-72N4 · PZ606E-6P4 · PZ606E-6T4 · PZ606E-6N4 · PZ606E-96P4 · PZ606E-96T4 · PZ606E-96N4 · PZ606E-42P4 · PZ606E-42T4 · PZ606E-42N4	72×72 · 80×80 · 96×96 · 120×120	RS485 (optional), switching power supply (optional), Digital tube display mode	1DO

■ Single-Phase Ammeter

Model	Outline dimensions	Basic function	Aux. function (optional)
PA606E-482P1 · PA606E-482T1 · PA606E-482N1 · PA606E-48P1 · PA606E-48T1 · PA606E-48N1 · PA606E-72P1 · PA606E-72T1 · PA606E-72N1 · PA606E-96P1 · PA606E-96T1 · PA606E-96N1	48×48 · 48×96 · 72×72 · 96×96	RS485 (optional), switching power supply (optional), Digital tube mode	1DO

■ Single-Phase Voltmeter

Model	Outline dimensions	Basic function	Aux. function (optional)
PA606EC-482P1 · PZ606E-482T1 · PZ606E-482N1 · PA606EC-48P1 · PZ606E-48T1 · PZ606E-48N1 · PA606EC-72P1 · PZ606E-72T1 · PZ606E-72N1 · PA606EC-96P1 · PZ606E-96T1 · PZ606E-96N1	48×48 · 48×96 · 72×72 · 96×96	RS485 (optional), switching power supply (optional), Digital tube mode	1DO

■ DC Ammeter

Model	Outline dimensions	Basic function	Aux. function (optional)
PA606EC-482P1 · PA606EC-482T1 · PA606EC-482N1 · PA606EC-48P1 · PA606EC-48T1 · PA606EC-48N1	48×48 · 48×96	RS485 (optional), switching power supply (optional), Digital tube mode	1DO


■ DC Voltmeter

Model	Outline dimensions	Basic function	Aux. function (optional)
PZ606EC-482P1 · PZ606EC-482T1 · PZ606EC-482N1 · PZ606EC-48P1 · PZ606EC-48T1 · PZ606EC-48N1	48×48 · 48×96	RS485 (optional), switching power supply (optional), Digital tube mode	1DO


■ Single-Phase Multifunction

Model	Outline dimensions	Basic function	Aux. function (optional)
PD606E-48NY · PD606E-72NY · PD606E-96NY	48×96 · 72×72 · 96×96	RS485, with switching power supply, LCD display mode	2DI+2DO

P □ 606 □ -48 □□ Mounted Programmable Digital Display Electrical Measuring Instrument


Product name	Input mode	Outline dimensions	Type structure	Display mode	Range
P□	□	□	□	□	□
PA: PA606 ammeter PZ: PZ606 voltmeter PP: PP606 frequency meter 	L: AC C: DC	48:48×96(mm)	P: Programmable display instrument T:RS485 K:DO S:DO+RS485	1: Display by one row of digital tubes	See the range chart (specific specifications can be customized)

P □ 606 □ -72 □□ Mounted Programmable Digital Display Electrical Measuring Instrument

Product name	Input mode	Outline dimensions	Type structure	Display mode	Range
P□	□	□	□	□	□
PA: PA606 ammeter PZ: PZ606 voltmeter PP: PP606 frequency meter 	L: AC C: DC	72:72×72(mm)	P: Programmable display instrument T:RS485 K:DO S:DO+RS485	1: Display by one row of digital tubes 4: Display by three rows of digital tubes	See the range chart (specific specifications can be customized)


Note: DO means switching output, and indication (relay alarm output, and indication);

P □ 606 □ -6 □□ Mounted Programmable Digital Display Electrical Measuring Instrument

Product name	Input mode	Outline dimensions	Type structure	Display mode	Range
P□	□	□	□	□	□
PA: PA606 ammeter PZ: PZ606 voltmeter PP: PP606 frequency meter 	L: AC C: DC	6:80×80(mm)	P: Programmable display instrument T:RS485 K:DO S:DO+RS485	1: Display by one row of digital tubes 4: Display by three rows of digital tubes	See the range chart (specific specifications can be customized)


Note: DO means switching output, and indication (relay alarm output, and indication);

P □ 606 □ -96 □ □ Mounted Programmable Digital Display Electrical Measuring Instrument


Product name	Input mode	Outline dimensions	Type structure	Display mode	Range
PA: PA606 ammeter PZ: PZ606 voltmeter PP: PP606 frequency meter PS: PS606 active power meter PW: PW606 reactive power meter PX: PX606 power factor meter 	L: AC C: DC	96: 96×96(mm)	P: Programmable display instrument T:RS485 K:DO S:DO+RS485	1: Display by one row of digital tubes 4: Display by three rows of digital tubes	See the range chart (specific specifications can be customized)

Note: DO means switching output, and indication (relay alarm output, and indication);

P □ 606 □ -482P1 Mounted Programmable Digital Display Electrical Measuring Instrument


Product name	Input mode	Outline dimensions	Type structure	Display mode	Range
PA: PA606 ammeter PZ: PZ606 voltmeter PP: PP606 frequency meter 	L: AC C: DC	482:48×48(mm)	P: Programmable display instrument	1: Display by one row of digital tubes	A, V, and Hz See the range chart (specific specifications can be customized)

P □ 606 □ -42 □ □ Mounted Programmable Digital Display Electrical Measuring Instrument


Product name	Input mode	Outline dimensions	Type structure	Display mode	Range
P□	□	□	□	□	□
PA: PA606 ammeter PZ: PZ606 voltmeter PP: PP606 frequency meter PS: PS606 active power meter PW: PW606 reactive power meter PX: PX606 power factor meter 	L: AC C: DC	42:120×120(mm)	P: Programmable display instrument T:RS485 K:DO S:DO+RS485	1: Display by one row of digital tubes 4: Display by three rows of digital tubes	See the range chart (specific specifications can be customized)

Note: DO means switching output, and indication (relay alarm output, and indication);


PD606I- □ □ □ - □ □ □ □ Mounted Programmable Digital Display Combined Electrical Measuring Instrument

Product name	Input mode	Outline dimensions	Type structure	Display mode	Combination method	Electrical parameters	Range
PD	L	□	□	□	□	□	□
PD: PD606 combination meter 	L: AC	42:120×120(mm) 96:96×96(mm) 6:80×80(mm) 72:72×72(mm)	P: Programmable display instrument T:RS485	4: Three-phase digital screen display 3Y: Three-phase LCD display	3: Three-phase combination meter	Z: Voltage A: Current P: Frequency	See the range chart (specific specifications can be customized)

PD606L- □□□ - □□□□ Mounted Programmable Digital Display Multifunctional Meter

Product name	Input mode	Outline dimensions	Type structure	Display mode	Range
PD	L	□	□	□	□
PD: PD606 combination meter 	L: AC	42:120×120(mm) 96:96×96(mm) 6:80×80(mm) 72:72×72(mm)	P: Programmable display instrument T:RS485	4: Three-phase digital screen display 3Y: Three-phase LCD display	See the range chart (specific specifications can be customized)

99T1 Type, 96 Type, 72 Type Fixed Direct-Acting Analog Indicator Electrical Measuring Instrument


Product name	Input mode	Design No.	Type	Range
96	C	1	A	*
99:99 96:96 72:72 	C: DC L: AC T: AC (electromagnetic type)	1:1	A: Ammeter V: Voltmeter Hz: Frequency meter	*: *A (V, Hz) See the range parameter table

A First power distribution  
 B Secondary power distribution  
 C Terminal power distribution  
 D Power management system  
 E Motor protection and control  
 F Industrial equipment and switch  
 G Power supply products  
 H Electrical Auxiliary Material




### 6C2, 6L2 Type and 42C3, 42L6 Type Fixed Direct-Acting Analog Indicator Electrical Measuring Instrument

Product name	Input mode	Design No.	Type	Range
6	C	2	A	*
6:6 42:42	C: DC L: AC	2:2 3:3 6:6	A: Ammeter V: Voltmeter W: Active power meter var: Reactive power meter Hz: Frequency meter COS φ: Power factor meter	*: *A(V, Hz, W, var, COSφ) See the range parameter table




### 85C17, 85L17 Type and 69C17, 69L17 Type Fixed Direct-Acting Analog Indicator Electrical Measuring Instrument


Product name	Input mode	Design No.	Type	Range
85	C	17	A	*
85:85 69:69	C: DC L: AC	17:17	A: Ammeter V: Voltmeter Hz: Frequency meter	*: *A (V, Hz) See the range parameter table




## 69C13, 69L13 Type, 59C2, 59L1 Type, 44C2, 44L1 Type Fixed Direct-Acting Analog Indicator Electrical Measuring Instrument

Product name	Input mode	Design No.	Type	Range
44	C	1	A	*
44:44 59:59 69:69 	C: DC L: AC	1:1 2:2 13:13	A: Ammeter V: Voltmeter Hz: Frequency meter	*:A(V, Hz) See the range parameter table


### LMZJ1-0.5 Type Current Transformer

Product name	Rated voltage	Accuracy grade	Primary current (A)	Secondary current (A)	Inner diameter	Rated load
LMZJ1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	X: 0.5KV	P1: Grade 1 C5: Grade 0.5 C2: Grade 0.2 S2: Grade 0.2S S5: Grade 0.5S	5:5A ..... 5000:5000A	5:5A	20:φ20 ... 140:φ140	B:2.5VA C:5-3.75VA D:10-3.75VA E:15-3.75VA F:20-3.75VA


### LMZJ1-0.66 Type Current Transformer

Product name	Rated voltage	Accuracy grade	Primary current (A)	Secondary current (A)	Inner diameter	Rated load
LMZJ1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Y:0.66KV	C5: Grade 0.5 C2: Grade 0.2	30:30A ..... 5000:5000A	5:5A	35:φ35 ... 140:φ140	C:5-3.75VA D:10-3.75VA E:15-3.75VA F:20-3.75VA


### LMZ1-0.5 Type Current Transformer

Product name	Rated voltage	Accuracy grade	Primary current (A)	Secondary current (A)	Rated load
LMZ1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	X: 0.5KV	C5: Grade 0.5 C2: Grade 0.2 S5:0.5S	30:30A ..... 1200:1200A	5:5A	C:5-3.75VA D:10-3.75VA


### LMZ3-0.66 Type Current Transformer

Product name	Rated voltage	Accuracy grade	Primary current (A)	Secondary current (A)	Inner diameter	Rated load
LMZ3	□	□	□	□	□	□
	Y:0.66KV	C5: Grade 0.5	30:30A ..... 3000:3000A	5:5A	20:φ20 ... 140:φ140	C:5-3.75VA D:10-3.75VA E:15-3.75VA F:20-3.75VA

### LMK-0.66 Type Current Transformer

Product name	Rated voltage	Accuracy grade	Primary current (A)	Secondary current (A)	Inner diameter	Rated load	Function requirements
LMK3	□	□	□	□	□	□	□
	Y:0.66KV	P1: Grade 1 C5: Grade 0.5 C2: Grade 0.2	30:30A ..... 5000:5000A	5:5A 1:1A	20:φ20 ... 260:φ260	B:2.5VA C:5-3.75VA D:10-3.75VA E:15-3.75VA F:20-3.75VA	M8: Primary external connection Z: Primary turns

### LMK5-0.66 Current Transformer


Product name	Rated voltage	Accuracy grade	Primary current (A)	Secondary current (A)	Inner diameter	Rated load
LMK5-0.66	□	□	□	□	□	□
	0.66KV	C5: Grade 0.5 C2: Grade 0.2	150:150A ..... 5000:5000A	5A	30:φ30 ... 130:φ130	C:5-3.75VA D:10-3.75VA E:15-3.75VA F:20-3.75VA

A First power distribution  
 B Secondary power distribution  
 C Terminal power distribution  
 D Power management system  
 E Motor protection and control  
 F Industrial equipment and switch  
 G Power supply products  
 H Electrical Auxiliary Material

# E Motor Protection And Control

<b>E1 Universal contactor</b>	<b>058</b>
CJX2S	058
<b>E3 Thermal relay</b>	<b>060</b>
JRS1DSP	060
<b>E4 Contactor relay</b>	<b>061</b>
JZC4s	061
<b>E5 Motor circuit breaker</b>	<b>062</b>
CDP6-32	062
<b>E6 Electromagnetic starter</b>	<b>063</b>
CDS2S	063
<b>E7 Electric control and protection switch</b>	<b>064</b>
CDK1	064
<b>E9 Motor protector</b>	<b>065</b>
JD-5	065
JD-6	065
CDS16	065
<b>E10 Minature electromagnetic relay</b>	<b>066-070</b>
CDZ9	066
CDZ9-62P	066
JQX-10F	067
JQX-15F	068
JQX-3FF	068
JQX-62F	069

■ CJK2s AC Contactor


Product model	Current spec.	Aux. contact	Coil voltage	Coil freq.
CJK2s	06	10	M	
	06 : 6A ... 95 : 95A	10 : 1NO+0NC 01 : 0NO+1NC 11 : 1NO+1NC	B : 24V ... M : 220V/230V ... Q : 380V/400V ...	No: 50Hz 7 : 50/60Hz

Motor power Pe (KW AC-3,380V)	Rated current Ie (A)	Aux. contact		Order code
		Normally open NO	Normally closed NC	
2.2	6	1	-	CJK2s 06 10 *
		-	1	CJK2s 06 01 *
4	9	1	-	CJK2s 09 10 *
		-	1	CJK2s 09 01 *
		1	1	CJK2s 09 11 *
5.5	12	1	-	CJK2s 12 10 *
		-	1	CJK2s 12 01 *
		1	1	CJK2s 12 11 *
5.5	16	1	-	CJK2s 16 10 *
		-	1	CJK2s 16 01 *
		1	1	CJK2s 16 11 *
7.5	18	1	-	CJK2s 18 10 *
		-	1	CJK2s 18 01 *
		1	1	CJK2s 18 11 *
11	22	1	-	CJK2s 22 10 *
		-	1	CJK2s 22 01 *
		1	1	CJK2s 22 11 *



Motor power Pe (KW AC-3,380V)	Rated current Ie (A)	Aux. contact		Order code
		Normally open NO	Normally closed NC	
11	25	1	-	CJK2s 25 10 *
		-	1	CJK2s 25 01 *
15	32	1	1	CJK2s 25 11 *
		1	-	CJK2s 32 10 *
		-	1	CJK2s 32 01 *
18.5	38	1	1	CJK2s 32 11 *
		1	-	CJK2s 38 10 *
18.5	40	-	1	CJK2s 38 01 *
		1	1	CJK2s 38 11 *
18.5	40	1	1	CJK2s 40 11 *
22	50	1	1	CJK2s 50 11 *
30	65	1	1	CJK2s 65 11 *
37	80	1	1	CJK2s 80 11 *
45	95	1	1	CJK2s 95 11 *



Notes: 3-pole is the conventional pole, and is not indicated in the model  
 The \* in the CJK2s order code can be indicated by the coil voltage code  
 Coil frequency 50Hz is a conventional frequency, and is not indicated in the model.  
 50Hz is available for all coil voltages, and 50/60Hz are also available

Coil voltage code										
Coil voltage (V)	24	36	48	110	127	220/230	240	380/400	415	440
*	B	C	E	F	S	M	U	Q	L	X

Product model	Current spec.	Aux. Contact	Coil voltage	Coil frequency
CJK2s	120	□	M	7
	120 : 120A 160 : 160A 185 : 185A 225 : 225A 265 : 265A 330 : 330A 400 : 400A	Default: 2NO+2NC	F : AC/DC 110V S : AC/DC 127V M : AC/DC 220V Q : AC/DC 380V	Default: 50Hz 7 : 50/60Hz

## Selection Guide

AC-3,380/400V		Instantaneous aux. contact		Order code
Rated current (A)	Rated power (kW)			
120	55	2	2	CJX2H-120 □□
160	75	2	2	CJX2H-160 □□
185	90	2	2	CJX2H-185 □□
225	110	2	2	CJX2H-225 □□

AC-3,380/400V		Instantaneous aux. contact		Order code
Rated current (A)	Rated power (kW)			
265	132	2	2	CJX2H-265 □□
330	160	2	2	CJX2H-330 □□
400	220	2	2	CJX2H-400 □□

Note: "□□" indicates the coil voltage code

Coil voltage codes table				
Coil voltage (V)	110	127	220	380
50Hz	F	S	M	Q
50/60Hz	-	-	-	-

■ JRS1Dsp Thermal Overload Relay

Product model	Frame current	Setting current	Installation method
JRS1Dsp	25	P16	
	25 : 25A 38 : 38A 93 : 93A 185 : 185A 630 : 630A	P16 : 0.1~0.16A ... 93 : 80~93A 630 : 265~630A	Default: Combination installation

Note: P means decimal point

Frame current	Rated current Ie (A)	Spec. of matched fuse		Spec. of matched contactor		Order code	Frame current	Rated current Ie (A)	Spec. of matched fuse		Spec. of matched contactor		Order code
		Normally open NO	Normal closed NC	Normally open NO	Normal closed NC				Normally open NO	Normal closed NC			
25	0.1~0.16	4	-09~38	JRS1Dsp 25 P16	185	48-65	100	120~225	JRS1Dsp 185 65				
	0.16~0.25	4	-09~38	JRS1Dsp 25 P25		55-70	100		JRS1Dsp 185 70				
	0.25~0.4	4	-09~38	JRS1Dsp 25 P4		63-80	100		JRS1Dsp 185 80				
	0.4~0.63	4	-09~38	JRS1Dsp 25 P63		75-95	125		JRS1Dsp 185 95				
	0.63~1	4	-09~38	JRS1Dsp 25 1	90-115	200		JRS1Dsp 185 115					
	1~1.6	4	-09~38	JRS1Dsp 25 1P6	105-135	200		JRS1Dsp 185 135					
	1.6~2.5	6	-09~38	JRS1Dsp 25 2P5	120-150	200		JRS1Dsp 185 150					
	2.5~4	10	-09~38	JRS1Dsp 25 4	130-160	250		JRS1Dsp 185 160					
	4~6	16	-09~38	JRS1Dsp 25 6	150-185	250		JRS1Dsp 185 185					
	5.5~8	20	-09~38	JRS1Dsp 25 8	630	145-200	400	265~630	JRS1Dsp 630 200F				
	7~10	20	-09~38	JRS1Dsp 25 10		180-250	400		JRS1Dsp 630 250F				
	9~13	25	-12~38	JRS1Dsp 25 13		230-320	500		JRS1Dsp 630 320F				
	12~18	35	-18~38	JRS1Dsp 25 18		290-400	630		JRS1Dsp 630 400F				
	17~25	50	-25~38	JRS1Dsp 25 25		350-480	800		JRS1Dsp 630 480F				
23~32	63	-25~38	JRS1Dsp 38 32	460-630		800		JRS1Dsp 630 630F					
38	30~40	80	-32~38	JRS1Dsp 38 40									
	7~10	20	-40~95	JRS1Dsp 93 10									
	9~13	25	-40~95	JRS1Dsp 93 13									
	12~18	35	-40~95	JRS1Dsp 93 18									
	17~25	50	-40~95	JRS1Dsp 93 25									
93	23~32	63	-40~95	JRS1Dsp 93 32									
	30~40	80	-40~95	JRS1Dsp 93 40									
	37~50	100	-50~95	JRS1Dsp 93 50									
	48~65	100	-50~95	JRS1Dsp 93 65									
	55~70	125	-65~95	JRS1Dsp 93 70									
	63~80	125	-80~95	JRS1Dsp 93 80									
	80~93	160	-95	JRS1Dsp 93 93									



## Selection Guide

Product model	22	M	Coil frequency
JZC4s	MQ	1	



22:2NO+2NC  
 31:3NO+1NC  
 40:4NO+0NC  
 13:1NO+3NC  
 04:0NO+4NC

B:24V  
 ...  
 M:220V/230V  
 ...  
 Q:380V/400V  
 ...

No: 50Hz  
 7: 50/60Hz

A First power distribution

B Secondary power distribution

C Terminal power distribution

D Power management system


E Motor protection and control

F Industrial equipment and switch

G Power supply products

H Electrical Auxiliary Material


## CDP6 Motor Circuit Breaker

Product model	Frame current	Set current	Special detection
CDP6	32	P16	
	32: 32A 80: 80A	P16: 0.1-0.16A ... 32: 24-32A P means decimal point	Default: Comply with RoHS detection standard

Thermal trip	Magnetic trip	400/415V, 50/60Hz, AC-3 class	Recommended for match use	Order code
Set current range	Current Id	Standard rated power of three-phase motor	Contactor model	
0.1-0.16A	1.5A	-	CDC6i-09	CDP6 32 P16
1.06-0.25A	2.4A	0.06KW	CDC6i-09	CDP6 32 P25
0.25-0.4A	5A	0.09KW	CDC6i-09	CDP6 32 P4
0.4-0.63A	8A	0.12KW	CDC6i-09	CDP6 32 P63
0.63-1A	13A	0.25KW	CDC6i-09	CDP6 32 1
1-1.6A	22.5A	0.37KW	CDC6i-09	CDP6 32 1P6
1.6-2.5A	33.5A	0.75KW	CDC6i-09	CDP6 32 2P5
2.5-4A	51A	1.5KW	CDC6i-09	CDP6 32 4
4-6.3A	78A	2.2KW	CDC6i-09	CDP6 32 6P3
6-10A	138A	4KW	CDC6i-09	CDP6 32 10
9-14A	170A	5.5KW	CDC6i-12	CDP6 32 14
13-18A	223A	7.5KW	CDC6i-18	CDP6 32 18
17-23A	327A	9KW	CDC6i-25	CDP6 32 23
20-25A	327A	11KW	CDC6i-25	CDP6 32 25
24-32A	416A	15KW	CDC6i-32	CDP6 32 32
24-40A	480A	18.5KW	CDC6i-40	CDP6 80 40
24-63A	756A	30KW	CDC6i-65	CDP6 80 63
24-80A	960A	40KW	CDC6i-80	CDP6 80 80

A First power distribution  
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## CDS2s

Product model	Frame current	Control mode	Set current
CDS2s	13	b	p16
	13: 13A 32: 32A 65: 65A 95: 95A	B: With button No: Without button	P16: 0.16A ... 95: 80-93A

Note: P means decimal point

Frame current (A)	Set current (A)	Order code	
		With button	Without button
13	0.1~0.16	CDS2s 13B P16 *	CDS2s 13 P16 *
	0.16~0.25	CDS2s 13B P25 *	CDS2s 13 P25 *
	0.25~0.4	CDS2s 13B P4 *	CDS2s 13 P4 *
	0.4~0.63	CDS2s 13B P63 *	CDS2s 13 P63 *
	0.63~1	CDS2s 13B 01 *	CDS2s 13 01 *
	1~1.6	CDS2s 13B 1P6 *	CDS2s 13 1P6 *
	1.6~2.5	CDS2s 13B 2P5 *	CDS2s 13 2P5 *
	2.5~4	CDS2s 13B 04 *	CDS2s 13 04 *
	4~6	CDS2s 13B 06 *	CDS2s 13 06 *
32	12~18	CDS2s 32B 18 *	CDS2s 32 18 *
	17~25	CDS2s 32B 25 *	CDS2s 32 25 *
	23~32	CDS2s 32B 32 *	CDS2s 32 32 *
	30~40	CDS2s 65B 40 *	CDS2s 65 40 *
65	37~50	CDS2s 65B 50 *	CDS2s 65 50 *
	48~65	CDS2s 65B 65 *	CDS2s 65 65 *
	63~80	CDS2s 95B 14 *	CDS2s 95 14 *
95	80~93	CDS2s 95B 14 *	CDS2s 95 14 *

Frame current (A)	Set current (A)	Order code	
		With button	Without button
13	0.1~0.16	CDS2s 13B P16 *	CDS2s 13 P16 *
	0.16~0.25	CDS2s 13B P25 *	CDS2s 13 P25 *
	0.25~0.4	CDS2s 13B P4 *	CDS2s 13 P4 *
	0.4~0.63	CDS2s 13B P63 *	CDS2s 13 P63 *
	0.63~1	CDS2s 13B 01 *	CDS2s 13 01 *
	1~1.6	CDS2s 13B 1P6 *	CDS2s 13 1P6 *
	1.6~2.5	CDS2s 13B 2P5 *	CDS2s 13 2P5 *
	2.5~4	CDS2s 13B 04 *	CDS2s 13 04 *
	4~6	CDS2s 13B 06 *	CDS2s 13 06 *
32	12~18	CDS2s 32B 18 *	CDS2s 32 18 *
	17~25	CDS2s 32B 25 *	CDS2s 32 25 *
	23~32	CDS2s 32B 32 *	CDS2s 32 32 *
	30~40	CDS2s 65B 40 *	CDS2s 65 40 *
65	37~50	CDS2s 65B 50 *	CDS2s 65 50 *
	48~65	CDS2s 65B 65 *	CDS2s 65 65 *
	63~80	CDS2s 95B 14 *	CDS2s 95 14 *
95	80~93	CDS2s 95B 14 *	CDS2s 95 14 *

### Coil voltage code

Coil voltage (V)	110	220/230	380/400
*	F	M	Q

## CDK1

Product name	Derived code	Frame current	Controller type	Rated current of controller	Aux. contact type	Control voltage	Additional function	Leakage current
CDK1	No	63	M	1	02	M	No	1



No	63:63A	M: Digital tube type	1:1A	02	M:220V	No: Basic type	1: 30mA
D	125:125A		3:3A	06	Q:380V	F: Fire control	2: 50mA
D1			6:6A	0209		G: Isolation	3: 75mA
D2			...	0609		L: Electric leakage	4: 100mA
J			125:				5: 150mA
J2			125A				6: 200mA
Z							7: 300mA
							8: 500mA


No: Basic type  
 D: Low-speed basic type + High speed fire control type  
 D1: All are of the basic type  
 D2: All are of the fire control type  
 J: Star-delta voltage reducing starter  
 J2: High power star-delta voltage reducing starter  
 Z: Self-coupling voltage reducing starter

02: 2 open + 1 closed + 1 short circuit + 1 overload  
 06: 3 open + 3 closed + 1 short circuit + 1 overload  
 0209: 4 open + 2 closed + 1 short circuit + 1 overload  
 0609: 5 open + 4 closed + 1 short circuit + 1 overload

Notes:


1. The conventional default contact is 06;
2. Fire control type: with overload alarm non-trip function.

## JD-5 Motor Integrated Protector


Product name	Funciton code	Set current	Rated control power voltage
JD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5: Trimming potentiometer setting indicator 5B: Trimming potentiometer setting indicator with alarm function 5A: Improved trimming potentiometer setting indicator The working power supply and the three-phase current can be supplied asynchronously, and the current can be statically set.	0P5A5A:0.5A~5A 2A20A:2A~20A 1A80A:1A~80A 20A80A:20A~80A 1A100A:1A~100A 10A100A:10A~100A	220:AC220V 380:AC380V

Note: P means decimal point


## JD-6 Motor Integrated Protector

Product name	Funciton code	Set current	Rated control power voltage
JD-6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	6: Normal type 6A: Improved type	30A150A:30A-150A 63A150A:63A~150A 63A400A:63A~400A 100A250A:100A~250A 200A500A:200A~500A 20A400A:20A~400A 30A150A:30A~150A 80A400A:80A~400A	220:AC220V 380:AC380V


## CDS16 Intelligent Motor Protector

Product name	Current spec.	Control power voltage Us
CDS16	<input type="checkbox"/>	<input type="checkbox"/>
	100A:1A~100A 400A:100A~400A 800A:400A~800A	220:AC220V 380:AC380V


## CDZ9 Series Miniature Electromagnetic Relay

Product name	Contact load	Number of contacts	Lead-out terminal type	Indicator mark	Contact type	Input voltage	Coil voltage
CDZ9	5	2	P	L	Z	D	B
	5: 3~5A	2: 2 sets 3: 3 sets 4: 4 sets	P: Plug-in type W: Welded type	L: LED light LS: LED light Test button and mechanical indicator window	Z: Transfer	D: DC Default: AC	T: 6V J: 12V B: 24V C: 36V E: 48V F: 110V S: 127V M: 220V Q: 380V

## CDZ9-62P Series Miniature Electromagnetic Relay


Product name	Contact load	Number of contacts	Lead-out terminal type	Indicator mark	Contact type	Input voltage	Coil voltage
CDZ9	6	2	P	L	Z	D	B
	6: 7~10A	2: 2 sets	P: Plug-in type W: Welded type	L: LED light	Z: Transfer	D: DC Default: AC	T: 6V J: 12V B: 24V C: 36V E: 48V F: 110V S: 127V M: 220V Q: 380V

## JQX-10F, JTX Series Miniature Electromagnetic Relay


Product name	Contact load	Number of contacts	Contact type	Input voltage	Coil voltage
JQX	10F	2	Z	D	B
	10F: 10A	2: 2 sets 3: 3 sets 4: 4 sets	Z: Transfer H: Normally open D: Normally closed	D: DC Default: AC	T: 6V J: 12V B: 24V C: 36V E: 48V F: 110V S: 127V M: 220V Q: 380V

Product name	Number of contacts	Contact type	Input voltage	Coil voltage
JTX	2	C	D	B
	2: 2 sets 3: 3 sets 4: 4 sets	C: Transfer	D: DC Default: AC	T: 6V J: 12V B: 24V C: 36V E: 48V F: 110V S: 127V M: 220V Q: 380V

### JQX-15F Series Miniature Electromagnetic Relay


Product name	Coil voltage	Contact type	Load current
JQX-15F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5D:DC5V 6D:DC6V 9D:DC9V 12D:DC12V 15D:DC15V 24D:DC24V 48D:DC48V	H: Normally open Z: Transfer type	30A

### JQX-3FF(T73) Series Miniature Electromagnetic Relay

Product name	Coil voltage	Contact type	Load current
JQC-3FF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5D:DC5V 6D:DC6V 9D:DC9V 12D:DC12V 24D:DC24V 48D:DC48V	H: Normally open D: Normally closed Z: Transfer type	Normally open: Normally closed:



## JQX-62F High-Power Electro-Magnetic Relay

Product name	Contact form	Load current	Coil voltage
JQX-62F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1Z: One set of contacts	100A: 1A-100A	220: AC220V
	2Z: One set of contacts	80A: 1A-80A	24D: DC24V

### Product Features

JQX-62F series electro-magnetic relay is suitable for electronic control equipment, household appliances, smart home, office automation, security series, commercial machinery, communication equipment, automobiles, machine tools, construction, transportation equipment, and instrumentation and meters for remote intermediate conversion or amplification of the element. Its leading-out terminal spacing and outline dimensions have been standardized, and are universal at home and abroad. It is used in rear window mist eliminator, battery circuit breaker, automotive air conditioner, oil pump controller, fog lamp, cooling fan control, headlight control, and start-stop control.

### Technical Parameters

Contact type	1Z: One set of conversion type 2Z: Two sets of conversion type	
Max. continuous current	1Z: 100A 250VAC/30VDC 2Z: 80A 250VAC/30VDC	
Voltage drop of contact	NO end: Typical value 20mV, Max. value 250mV (measured under 10A) NC end: Typical value 30mV, Max. value 250mV (measured under 10A)	
Max. switching current	1Z: 100A 2Z: 80A (resistive)	
Max. switching voltage	110% of rated voltage (resistive)	
Min. load	1A 6VDC	
Electrical endurance	100,000 times	
Mechanical endurance	1,000,000 times	
Action time	≤30ms	
Release time	≤15ms	
Vibration	10Hz~60Hz 0.35 double-amplitude 60Hz~500Hz 49m/s	
Impact	196m/s	
Flame retardance	Comply with UL94-HB standard requirements	
Leading-out terminal type	Screw-pressed connection type	
Package type	Dust-proof type	
Weight	1Z:235g 2Z:305g	
Dielectric withstand voltage	Between the homopolar contacts	1500VAC/1min (leakage current 1mA)
	Between the heteropolar contacts	1500VAC/1min (leakage current 1mA)
	Contact and coil	2000VAC/1min (leakage current 1mA)
Ambient temp.	25~+55°C	
Insulation resistance	100MΩ (500VDC)	

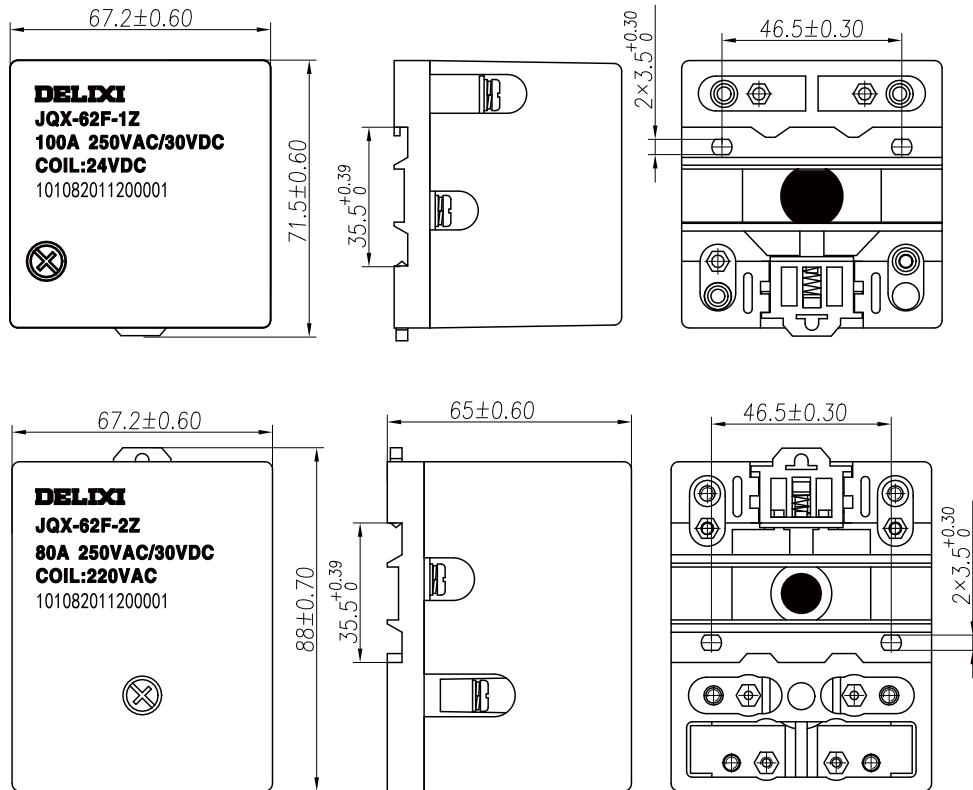
Contact Parameters

Product model		JQX-62F-1Z	JQX-62F-2Z
Contact	Load	100A/240VAC 28VDC	100A/240VAC 28VDC
	Max. switching voltage	240VAC/28VDC	240VAC/28VDC
	Contact resistance	≤50mΩ	≤50mΩ
	Material	Silver alloy	Silver alloy

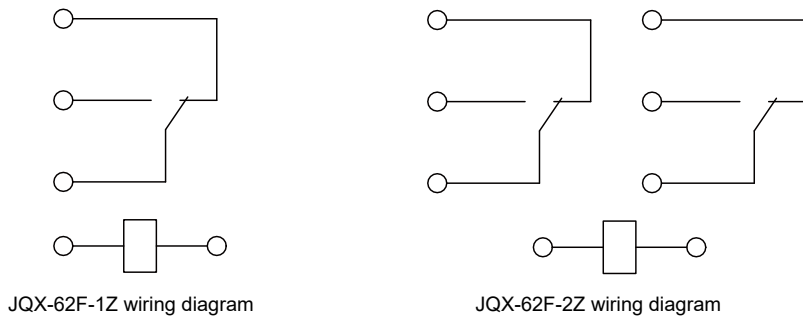
Coil Specification

Model & Spec.	Rated voltage of coil	Coil resistance	Pull-in voltage	Release voltage	Rated coil power
JQX-62F-1Z/2Z COIL:220VAC	220VAC	10800	176V AC	22V AC	4.8VA
JQX-62F-1Z/2Z COIL:24VAC	24VAC	288	18DC	2.4AC	2W

Outline and Installation Dimensions



Wiring Diagram



# F Industrial Equipment and Switch

## F1 Button indicator

073-077

LAY5s	073
LAY7	074
CDA9	075
LD11s	076
JDT50	077
JDS100	077

## F2 Travel switch

078-080

LXJMH	078
LXJMs	078
LXW5	079
EKW	079
LXK3	080

## F3 Universal transfer switch

081-082

LW26	081
CDF1	082

## F5 Terminal block

083-084

ST	083
UK	083
TB□HE□	083
TD□HE□	084
TC□HE□	084

## F6 Relay

084-091

JS14P	084
JSS48A	085
JSZ3	086
JSZ6	086
CDJS8	087
CDJS18	087
XJ	088
JYB714	088
CDT18	089
CDV18	090
CDEC	091
CDAT1	091
CDG1	091

**F7 Reversing switch 091**

HY2----- 091

**F8 Automatic control switch 092-094**

KG316T----- 092  
KG316TU----- 092  
KG316TD----- 093  
KG816B----- 093  
KG-WiFi----- 094

**F9 Motor controller 094**

JD1A----- 094




**F11 Sensor switch 095**

CDJ10----- 095  
CDLJ----- 095

## LAY5s Button Switch

Product name	Type code	Derivative code	Operating position	Button head code	Color code	Voltage code	Contact	Aux. identification
LAY5s	□	□	□	□	□	□	□	□
	B: Standard type E: Economical type	A: Auto-recover button D: Knob J: Handle knob G: Key button C: φ40 mushroom button R: φ60 mushroom button S: Rotary reset E-stop button L8: Double-ended button W3: Auto-recover illuminated flat button W84: Illuminated double-ended button Z: Self-lock flat button F: Self-reset waterproof button L: High button T: Tap and pull reset E-stop button U: Key reset E-stop button	2: Two-position self-lock 3: Three-position self-lock 4: Two-position auto-recover 5: Three-position reset key button 0: Three-position self-lock, three-position unplug 2: Two-position self-loc, left unplug 3: Three self-lock, unplug in the middle 4: Two self-lock, unplug from two positions 5: Two-position self-recover, left unplug 6: Three-position self-reset, unplug in the middle	4:φ30 5:φ40 6:φ60	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue 7: Pure white 8: Pure blue	6V 12V 24V 36V 48V 110V 240V 380V	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC0: No aux. contact Z: Only with button	Default: LED

## LAY7 Button Switch

Product name	Number of contact pairs	Derivative code	Operating position	Color code	Voltage code	Installation code	Aux. identification
LAY7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
  	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	BN: Flat button BNZS: Flat button self-lock GN: High button GNZS: High button self-lock JN: Full protective sleeve button X: Knob XB: Handle knob Y: Key button M: Mushroom buttons MZS: Mushroom self-lock button ZS: Self-lock button (E-stop button) D: Illuminated button DZS: Illuminated self-lock button DM: Illuminated mushroom button DMZS: Illuminated mushroom self-lock button XD: Illuminated knob XD1: Indicator (incandescent) XD2: Indicator (neon lamp) XD3: Indicator LED	20: Two-position 21: Two-position right automatic recover 30: Three-position 31: Three-position right automatic recover and left hold 33: Three-position left and right automatic recover	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue	T: 6V B: 24V F: 110V M: 220V Q: 380V	2: φ22 3: φ25 4: φ30	Default: Incandescent N: Neon lamp L: Light-emitting diodes

	Aux. part code	Aux. part contact
LAY7	<input type="checkbox"/>	<input type="checkbox"/>
	BE: Contact aux.	101: 1NO 102: 1NC 103: 2NO 104: 2NC 105: 1NO+1NC

Note: Those marked with LED in the illuminated model spectrum are AC/DC general model.

A First power distribution  
 B Secondary power distribution  
 C Terminal power distribution  
 D Power management system  
 E Motor protection and control  
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## CDA9 Button Switch

Product name	Number of contact pairs	Spec.	Color	Voltage	Operating gear	Symbol button
CDA9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1 0	BN: Flat button	1: White	AC/DC:	Knob/ Handle knob/ Illuminated knob:	Flat knob/ flat button self-lock
	0 1	BNZS: Flat self- lock button	2: Black	T: 6V		11: Black horizontal bar "   " on white background
	1 1	D: Illuminated button	3: Green	J: 12V	20: 2-gear right-hand self-lock	12: Black arrow "↑" on white background
	0 2	DZS: Illuminated self-lock button	4: Red	B: 24V	22: 2-gear right-handed automatic recover	13: Black parallel bars "II" on white background
	2 0	X: Knob	5: Yellow	C: 36V	30: 3-gear left and right self-lock	21: White arrow "↑" on black background
	1 2	XB: Handle knob	6: Blue	E: 48V	33: 3-gear left and right automatic recover	22: White circle "O" on black background
	2 1	XD: Illuminated button	12: Black and white combination	F: 110V	20: 2-gear right-hand self- lock (left unplugged)	31: White horizontal bar "I" on green background
	0 3	Y: Key button	34: Red and green combination	AC:	21: 2-gear right-hand self-lock, unplugged in any position	32: White parallel bar "II" on green background
	3 0	ZS: E-stop button		M: 220V	22: 2-gear right-handed automatic recover (left unplugged)	33: White START on green background
	2 2	M: Mushroom button		Q: 380V	30: 3-gear self-lock, unplugged in any position	34: White arrow "↑" on green background
	1 3	MD: Illuminated mushroom button		DC:	31: 3-gear self-lock, left + right unplugged	41: White circle "O" on red background
	3 1	S: Double head button		MD: 220V	32: 3-gear self-lock, unplugged in the middle	42: STOP on red background
	0 4	SD: Illuminated double-ended button			33: 3-gear left and right self- reset, unplugged in the middle	61: White double- headed arrow on blue background
	4 0					

The first digit means the number of the normally open contacts  
The second digit means the number of the normally closed contacts

Only for gear operation specification: X/XB/Y

Only for BN/BNZS

Only for illuminated specification: D/DZS/XD/MD/MDZS/SD

Available for specifications rather than X/XB/Y

Contact	Number of contacts
CDA9BE	<input type="checkbox"/>
	110:1 Normally open 101:1 Normally closed 120:2 Normally open 102:2 Normally closed 111:1 normally open + 1 normally closed V: Socket wrench II: Panel plug JX: E-stop protection ring PTIII: Protective film (for buttons and illuminated knobs) VI: φ30 reducer ring

LD11s

Product name	Installation dimensions	Voltage reducing mode	Voltage grade	Color	Aux. identification	Environmental protection code
LD11s	☐	☐	☐	☐	☐	☐
	↓ φ 16 φ 22	↓ 2: Resistive type (AC/DC) 4: Capacitive type (AC)	↓ T:6V J:12V B:24V C:36V E:48V F:110V M:220V Q:380V	↓ 3: Green 4: Red 5: Yellow 7: White 8: Blue	↓ Default: Conventional F: Discharge type	↓ Default: Conventional R: RoHS




## Selection Guide


### JDT50 Combined Tower Lamp

Model	Diameter	Color	Sound-emitting form	Light-emitting form	Voltage	Rod length	Mounting base / method	Special detection
JDT	50	3	L	C	B	26	P1	R
 <p>JDT: Tower lamp</p>	50:φ50mm	1: Red 2: Red + Green 3: Red + Yellow + Green 4: Red + Yellow + Green + Blue 5: Red + Yellow + Green + Blue + White	W: No beep L: Continuous chick D: Intermittent chick	C: Normally on S: Flicker	A: 12VAC/DC B: 24VAC/DC F: 110VAC M: 220VAC	Default: No AI rod (without base or with P3, P4, C3 mounting base) 05: 5cm 10: 10cm rod 15: 15cm rod 20: 20cm rod 26: 26cm rod 30: 30cm rod	Default: without base P0: Plane AI rod direct installation P1: Plane disc mounting base P3: Plane fold mounting base P4: Plane connection mounting base C0: Side AI rod mounting base C1: Side disc mounting base C3: Side fold mounting base	Default; Non-RoHS R: RoHS compliant


### JDS100 Monochrome Warning Light

Model	Diameter	Color	Sound-emitting form	Light-emitting form	Voltage	Rod length	Mounting base / method	Special detection
JDS	100	R	L	C	B	05	P	R
 <p>JDS: Monochromatic lamp</p>	100:φ100mm	1: Red 2: Red + Green 3: Red + Yellow + Green 4: Red + Yellow + Green + Blue 5: Red + Yellow + Green + Blue + White	W: No beep L: Continuous chick D: Intermittent chick	C: Normally on S: Flicker	A: 12VAC/DC B: 24VAC/DC F: 110VAC M: 220VAC	Default: No AI rod (without base or with P, P2, P3, C, C3 mounting base) 05: 5cm 10: 10cm rod 15: 15cm rod 20: 20cm rod 30: 30cm rod	Default: without base P0: Plane AI rod direct installation P1: Plane disc mounting base P3: Plane fold mounting base P4: Plane connection mounting base C0: Side AI rod mounting base C1: Side disc mounting base C3: Side fold mounting base	Default; Non-RoHS R: RoHS compliant

LX


Product model	Spec. & Code	Operation mode
LX	□	□
	JMH travel switch with metal housing	8104
	JMs travel switch with plastic housing	.....
		9101

Spec. & Code	8104	8107	8108	8111	8112	8122	8166	8169	9101
Name	Roller rotary arm	Adjustable rotating rod	Adjustable roller rotary arm	Direct pressure plunger type	Straight pressure plunger lateral-mounted roller	Straight pressure plunger vertical-mounted roller	Universal spring flexible rod, rod type	Universal spring flexible rod, pin type	Universal spring flexible rod, rivet head type
									


Product name	Design No.	Operation method
LX	□	□
	JMH: Travel switch with metal housing	See Table
	JMs: Travel switch with plastic housing	

Spec. & Code	Meanings
8104	Roller rotary arm
8107	Adjustable rotating rod
8108	Adjustable roller rotary arm
8111	Direct pressure plunger type
8112	Straight pressure plunger lateral-mounted roller
8122	Straight pressure plunger vertical-mounted roller
8166	Universal spring flexible rod (rod type)
8169	Universal spring flexible rod (pin type)
9101	Universal spring flexible rod (rivet head type)


## LXW5 Micro Switch

Product name	Contact code	Operation method
LXW5	<input type="checkbox"/>	<input type="checkbox"/>
	11: One normally open and one normally closed	D1: Short spring plunger type M: Panel mounted plunger type Q1: Panel mounted roller plunger type Q2: Panel mounted lateral roller plunger type N1: Hinged lever type N2: Hinge short lever type G1: Hinged roller long lever type G2: Hinge roller short lever type G3: Hinge roller middle lever type

## EKW-5A-B Foot Switch

Product name	Resistive current	Derivative code
EKW	<input type="checkbox"/>	<input type="checkbox"/>
	5A: 5A	B: Improved type

## LXK3 Travel Switch


Product name	Contact code	Contact combination type	Protective housing type	Operation method
LXK3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2: One normally open and one normally closed	0: Contact combination type	S: Vertical protective housing H: Lateral protective housing	See Table below

Symbol code	Operation method
B	Roller rotary arm type
D	Elastic swing rod type
L	Roller plunger type
J	Adjustable metal swing rod type
T	Adjustable roller rotary arm type


Symbol code	Operation method
Z	Plunger type
H1	"Fork" type, two wheels in the same direction
H2	"Fork" type, the left wheel is in front and the right wheel is in the rear
H3	"Fork" type, the right wheel is in front and the left wheel is behind
W	Universal type

## LW26 Universal Transfer Switch

### ■ Model of transfer switch for main command control and its meanings

Product name	Current spec.	Conversion angle code	Positioning feature code	Operation diagram number	Number of contact system sections
LW26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	10: 10A 20: 20A 32: 32A 63: 63A 125: 125A	3: 30° 4: 45° 6: 60° 9: 90° 36: 30° automatic recover 60° positioning 49: 45° automatic recover 90° positioning	A: 0 in the middle, automatic recover on the right gear B: 0 in the middle, automatic recovers on the left and right gears C: 0 in the middle, positioning type on the right gear D: 0 in the middle, positioning type on the left and right gear ... M: 0 in the middle, positioning types on the left and right six gears	11: 11 012: 012 111: 111	1: 1节 ... 12: 12节

### ■ Model of transfer switch for direct control motor and its meanings


Product name	Current spec.	Positioning feature code	Purpose code	Number of contact system sections	
LW26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	10: 10A 20: 20A 32: 32A	63: 63A 125: 125A	2.2: 2.2kW 5.5: 5.5kW	Q: Q type S: S type N: N type SN: SN type	1: 1节 ... 10: 10节

Note 1: Purpose code: Q: direct start, N: reversible conversion, S: two-speed motor variable speed, SN: two-speed motor variable speed, reversible, M16: three-speed motor variable speed


2: 60° for purpose codes Q, S, and N, and 45° conversion for purpose code SN

3: The number of sections for 10A, 63A, 125A contact system: 1-8 sections

### ■ Model of transfer switch for main circuit and its meanings

Product name	Current spec.	Number of contact system sections
LW26	<input type="checkbox"/>	<input type="checkbox"/>
	10: 10A 20: 20A 32: 32A 63: 63A 125: 125A	1: 1节 ... 12: 12节


■ Model of padlock type switch and its meanings

Product name	Current spec.	Purpose code	Panel size
LW26GS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	20:20A 32:32A 63:63A 125:125A	03: 1, 2, 3, 4, 5, 6 ways 04: 1, 2, 3, 4, 5, 6, 7, 8 ways	-1:M1 -2:M2 -3:M3

Note: When ordering, please specify the complete model of the switch. For example: LW26GS-32/03M2

When ordering, please select the product according to the switch wiring diagram prepared by our company; if there are special requirements, they shall be given or the wiring diagram is provided in advance.


CDF1 Load Switch Disconnecter

Product name	Frame current	Rated current	Installation method	Protection form	Number of poles
CDF1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	20: 20A ... 150:150A	10: 10A ... 150: 150A	1: Surface mounted 2: Flush mounted 3: DIN rail mounted	1: Without protective housing 2: With protective housing	3: 3 poles

## ST Terminal Block

Product name	Sectional area of wire	Type
ST	□	□
	2.5mm <sup>2</sup> 4mm <sup>2</sup> 6mm <sup>2</sup> 10mm <sup>2</sup> 16mm <sup>2</sup>	TWIN: 1 In and 2 Out QUATTRO: Two in and two out TB: Double layer PE: Yellow-green grounding terminal

## UK Terminal Block

Product name	Sectional area of wire	Type
UK	□	□
	2.5:2.5mm <sup>2</sup> 3:2.5mm <sup>2</sup> 5:4mm <sup>2</sup> 6:6mm <sup>2</sup> 10:10mm <sup>2</sup> 16:16mm <sup>2</sup> 35:35mm <sup>2</sup> 50:50mm <sup>2</sup> 95:95mm <sup>2</sup>	HESI: Fuse type URTK/S: Test type K3/K5: Double layer terminal block JD: Yellow-green ground terminal


## TB Terminal Block

Product name	Sectional area of wire	Type
TB	□	□
	15A 25A 45A 60A 100A	03: 3 sections 04: 4 sections 05: 5 sections 06: 6 sections 10: 10 sections 12: 12 sections


## TD Terminal Block

Product name	Sectional area of wire	Type
TD	<input type="checkbox"/>	<input type="checkbox"/>
	15A 20A 30A 60A 100A	10 sections

## TC Terminal Block

Product name	Sectional area of wire	Type
TC	<input type="checkbox"/>	<input type="checkbox"/>
	60A 100A 150A 200A 300A 400A 600A	03: 3 sections 04: 4 sections


## JS14P Time Relay

Product name	Delay type	Installation method	Delay time	Rated control power voltage
JS14P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Default: Power-on delay D: Power-off delay	Default: Device type M: Panel type	26Y:0.1s~99h 36Y:0.1s~999h 9P9S:0.1s~9.9s ... 999H:1h~999h	12:AC12V ... 380:AC380V 12D:DC12V ... 220D:DC220V KD1:AC/DC100V~240V KD2:AC/DC24V~48V

Note: JS14P multi-time base products can replace the original JSS1-01~07 products  
 P means decimal point




## JSS48A Time Relay

Product name	Timing mode	Delay time	Rated control power voltage
JSS48A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Default: Power-on delay, positive timing 2Z: Power-on delay, positive timing C: Power-on delay, positive timing A: Power-on delay, positive countdown A/2: Power-on delay, positive countdown A/3: Power-on delay, positive countdown 11: Power-on delay, positive timing S: Cycle delay, positive timing D: Power-on delay, positive countdown 2D: Power-on delay, positive countdown 3: Power-on delay, positive timing	43Y:0.01s~99h99min 26Y:0.1s~99h 4TY:0.01s~9999h 3TY:0.01s~999h	12:AC12V ... 380:AC380V 12D:DC12V ... 220D:DC220V KD1:AC/DC100V~240V KD2:AC/DC24V~48V

**Note:**

- JSS48A has 8 pins, delay 1 conversion, external zero clearing, pause, delay time 0.01s~99h99min
- JSS48A-2Z has 8 pins, delay 2 conversion, delay time 0.01s~99h99min
- JSS48A-C has 8 pins, delay 1 conversion, transient - conversion, delay time 0.01s~99h99min
- JSS48A-A has 8 pins, delay 1 conversion, with power outage memory, external start, reset, delay time 0.01s~99h99min
- JSS48A-A/2 has 8 pins, delay 2 conversion, with power outage memory, delay time 0.01s~99h99min
- JSS48A-A/3 is 11 pins, delay 2 conversion, with power outage memory, external start, reset, delay time 0.01s~99h99min
- JSS48A-11 has 11 pins, delay 2 conversion, external zero clearing, pause, delay time 0.01s~99h99min
- JSS48A-S has 8 pins, delay 1 conversion, external zero clearing, pause, delay time 0.1s~99h
- JSS48A-D has 8 pins, delay 1 conversion, external zero clearing, pause, delay time 0.01s~9999h
- JSS48A-2D has 8 pins, delay 2 conversion, delay time 0.01s~9999h
- JSS48A-3 is dial switch setting, 8 pins, delay 2 conversion, delay time 0.01s~999h (replaces the original JSS20-48AMS product)

## JSZ3 Time Relay

Product name	Delay type	Delay time	Rated control power voltage
JSZ3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A: Power-on delay, delay 2 conversion C: Power-on delay, delay 1 conversion, transient 1 conversion F: Power-off delay K: Disconnect delay Y: Star-delta conversion R: Cycle delay	A:0.5s/5s/30s/3min B:1s/10s/60s/6min C:5s/50s/5min/30min D:10s/100s/10min/60min E:60s/10min/60min/6h F:2min/20min/2h/12h G:4min/40min/4h/24h 1S: 0.1s~1s 2S:0.2s~2s ... 60M:6min~60min 6S60S:0.5s-6s/60s 10S10M:1s-10s/10min ... 10M100M:60s-10min/100min	12:AC12V ... 380:AC380V 12D:DC12V ... 220D:DC220V

Note:

JSZ3A delay time 0.5s/5s/30s/3min, 1s/10s/60s/6min, 5s/50s/5min/30min, 10s/100s/10min/60min, 60s/10min/60min/6h, 2min/20min/2h/12h, 4min/40min/4h/24h are only available

This product can replace the original JSZ3-2 product

JSZ3C delay time 0.5s/5s/30s/3min, 1s/10s/60s/6min, 5s/50s/5min/30min, 10s/100s/10min/60min, 60s/10min/60min/6h, 2min/20min/2h/12h, 4min/40min/4h/24h are only available

This product can replace the original JSZ3-3 product

JSZ3F delay time 0.1s-1s, 0.2s-2s, 0.3s-3s, 0.5s-5s, 0.5s-6s, 1s-10s, 2s-20s, 2.5s-30s, 5s-60s, 10s-100s, 10s-120s, 10s-180s, 0.4min-4min, 0.5min-5min, 0.5min-6min, 1min-10min, 2min-20min, 2.5min-30min are only available


(Other delay specifications can be customized, the maximum delay time is 720s~7200s)

JSZ3K delay time 0.1s-1s, 0.2s-2s, 0.3s-3s, 0.5s-5s, 0.5s-6s, 1s-10s, 2s-20s, 2.5s-30s, 5s-60s, 10s-100s, 10s-120s, 10s-180s, 0.4min-4min, 0.5min-5min, 0.5min-6min, 1min-10min, 2min-20min, 2.5min-30min, 5min-60min are only available

JSZ3Y delay time 0.1s-1s, 0.2s-2s, 0.3s-3s, 0.5s-5s, 1s-10s, 2.5s-30s, 5s-60s, 0s-120s, 10s-180s, 0.5min-5min, 1min-10min are only available

JSZ3R delay time 0.5s-6s/60s, 1s-10s/10min, 2.5s-30s/30min, 1s-10s/100s, 2.5s-30s/5min, 60S-10min/100min are only available

## JSZ6 Time Relay

Product name	Number of contacts	Delay time	Rated control power voltage
JSZ6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2: 2 set of delay conversion 4: 4 set of delay conversion	0P5S:0.05s~0.5s 1S:0.1s~1s ... 24H:2.4h~24h	6:AC6V ... 380:AC380V 6D:DC6V ... 220D:DC220V

Note: P means decimal point

## CDJS8 Time Relay

Product name	Control power voltage Us
CDJS8	<input type="checkbox"/>



12: AC12V  
 ...  
 380: AC380V  
 12D: DC12V  
 ...  
 220D: DC220V

Note: With four mode conversions, it can replace the original CDJS1 time relay

## CDJS18 Time Relay

Product name	Delay spec.	Delay time	Rated control power voltage
CDJS18	A	5S	220




Default: Interval delay  
 A: Disconnect delay  
 B: Power-on delay  
 D: Power-off delay

5S: 0.5s~5s  
 5M: 0.5min~5min  
 ...  
 480M: 48min~480min

24AD: AC/DC24V  
 110: AC110V  
 220: AC220V  
 380: AC380V

## XJ Relay

Product name	Design No.	Spec. & code	Rated control power voltage
XJ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3 9 (Description sees the Note below)	2 5 G D (Description sees the Note below)	380:AC380V

**Notes:**

XJ3-2 open phase protection (Protection function is only available at startup)

XJ3-5 three-phase unbalance protection: 5.5%~7%; Any of the three phases is lost, and the action time is  $\leq 3s$

XJ3-G three-phase unbalance protection: 5.5%~7%; Any of the three phases is lost, and the action time is  $\leq 3s$


XJ3-D protection function is adjustable overvoltage protection voltage AC380V~AC460V, and the action time is adjustable from 1.5s~4s;

Undervoltage protection voltage AC300V~AC380V is adjustable, and the action time is adjustable from 2s~9s

XJ9 protection function is adjustable overvoltage protection voltage AC380V~AC460V; Undervoltage protection voltage AC300V~AC380V adjustable,


Action time 2s~8s adjustable, no specification code (2, 5, G, D)

## JYB714 Level Relay


Product name	Derivative spec.	Rated control power voltage
JYB714	<input type="checkbox"/>	<input type="checkbox"/>
	Default: Basic type A: Improved Type A	36: AC36V ... 380: AC380V 24D: DC24V 48D: DC48V

Note: JYB714A replaces the original JYB-3 product


### CDT18-T, D Time Relay

Product name	Delay function	Number of output contact sets	Delay time	Rated control power voltage
CDT18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	T: Power-on delay D: Delay disconnect	1: 1 set of delay transfer contacts 2: 2 set of delay transfer contacts 3: 1 set of of delay transfer contacts + 1 set of instantaneous transfer contacts	10d:0.1s~10d	12AD:AC/DC12V 220:AC220 380:AC380V 240AD:AC/DC24V~240V


### CDT18-M Time Relay

Product name	Delay function	Number of output contact sets	Delay time	Rated control power voltage
CDT18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M: One-machine multi-function type	1: 1 set of delay transfer contacts 2: 2 set of delay transfer contacts	10d:0.1s~10d	12AD:AC/DC12V 220:AC220 380:AC380V 240AD:AC/DC24V~240V


## CDV18-1 Single-Phase Voltage Relay

Product name	Category code	Function code	Rated power voltage
CDV18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1: Single phase	1: Overvoltage/undervoltage is selected via knob 2: With overvoltage and undervoltage functions	12D:DC12V 48AD:AC/DC24V~48V 240AD:AC/DC100V~240V 220:AC220V


## CDV18-3 Three-Phase Voltage Relay

Product name	Category code	Function code	Number of output contacts	Rated power voltage
CDV18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3: Three-phase common type 3X: Three-phase anti-harmonic type	1: Open phase, phase sequence protection function; 2: Overvoltage, undervoltage, action delay, open phase, and phase sequence protection function; 3: Overvoltage, undervoltage, voltage imbalance, action delay, open phase, phase sequence protection function; 4: Overvoltage, undervoltage, voltage imbalance, action delay, open phase, phase sequence protection function; 5: Voltage imbalance, action delay, open phase, phase sequence protection function; 6: Overvoltage, undervoltage, voltage imbalance, action delay, open phase, phase sequence protection function;	1: A set of contacts (action protection) 2: Two sets of contacts (Action protection + fault alarm)	460: Voltage gear 220V-230V-240V-380V-400V-415V-440V-460VAC (L-L, 3 phase 3 wire) 265: Voltage gear 127V-132V-138V-220V-230V-240V-254V-265VAC (L-N, 3 phase 4 wire)


## CDEC1 Subminiature Electronic Counter

Product name	Count range	Voltage type	Count type	Voltage input type voltage
CDEC1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	6:1 ~ 999999 8:1 ~ 99999999	Default: No voltage input V: Voltage input	L: Low speed counting H: High-speed counting	36VD:DC3-36V 220VAD:AC/DC24-220V


## CDAT1 Subminiature Electronic Timer

Product name	Time range
CDAT1	<input type="checkbox"/>
	1:1s ~ 99h59min59s 3:0.1h ~ 99999.9h 5:1s ~ 9999h59min59s 7:0.1h ~ 9999999.9h 10:0.01h ~ 999999.99h 2:0.01h ~ 9999.99h 4:1h ~ 9999 days 23h 6:1min ~ 999999h59min 9:1min ~ 9999h59min


## CDG1 Single-Phase Solid State Relay

Model & Spec.	Shell spec. & code	Controm mode code	Load current
CDG1	1	DD	10A
	1	DD: DC control DC DA: DC control AC AA: AC control AC	10A: 10A ... 120A: 120A

## HY2 Reversing Switch

Product name	Rated operating current
HY2	<input type="checkbox"/>
	15:7A 30:12A 60:20A

## KG316T Time Control Switch

Product name	Number of output circuit sets	Setting control power voltage
KG316T	<input type="checkbox"/>	<input type="checkbox"/>
	Default: Time-controlled single circuit output 2: Time control dual circuit output 21: Time-controlled single circuit output R: Time control switch Y: Time control switch A: Time control switch	220: AC220V 380: AC380V

**Note:**

The default is a single circuit output, and up to 16 on and 16 off can be set per day

21 means single circuit output, and up to 21 on and 21 off can be set per day


2 means dual circuit output, and up to 5 on and 5 off can be set per day

R means up to 20 auto ringing controls are set per day

Y means up to 10 on and off can be set per day, with time control, rain control, and light control functions


A means single circuit output, and up to 16 on and off can be set per day, with keyboard lock and time correction function

## KG316TU Time Control Switch


Product name	Spec. & code	Rated control power voltage
KG316T	<input type="checkbox"/>	<input type="checkbox"/>
	U: Wiring method: top inlet	220:AC220V 380:AC380V



## KG316TD Series Time Control Switch

Product name	Function and installation type	Rated control power voltage
KG316T	D	<input type="checkbox"/>
	D: Standard mounting rail (35mm) type installation, 10 on and 10 off time automatic control	220: AC220V 380: AC380V

## KG816B Time Control Switch

Product name	Control power voltage
KG816B	<input type="checkbox"/>
	220: AC220V 380: AC380V

## KG-WiFi Intelligent Time Control Switch

Product name	Rated control power voltage
KG-WiFi	<input type="checkbox"/>



220:AC220V  
380:AC380V


## JD1A Electromagnetic Speed Control Motor Controller

Product name	Max. power of control motor
JD1A	<input type="checkbox"/>




11:11kW  
40:40kW  
90:90kW

## CDJ10 Approach Switch

Product name	Induction mode	Installation method	Outline	ON/OFF state	Output form
CDJ10	I	1	A8	A	N
	I: Inductive type D: Photoelectric diffusive type R: Photoelectric retrospective type T: Photoelectric through-beam type	1: Embedded type 2: Non-embedded type 3: Embedded and non-embedded type	A: Cylindrical thread type B: Cylindrical glossy type C: Cuboid with square section D: Cuboid with rectangular section  Capitalized letters, the size is limited to two digits, indicating the diameter or side length	A:NO B:NC C:NO. NC optional D:NO+NC E: No power output led from the relay P: Customer order is specified separately S: Others	A: AC, 3 wires T: Emitter P: DC, PNP, 3 or 4 wires N: DC, NPN, 3-wire or 4-wire D: DC, 2 wires, F: AC, 2 wires, U: AC and DC, S: Others

## CDLJ Approach Switch

Product name	Induciton mode	Outline No.	Structure form	Action distance	Operating voltage	Output mode	Output current
CDLJ		12	A3	2	Z		
	Default: Inductive type C: Capacitive type G: Reed switch type	8: Outline diameter 8mm 12: Outline diameter 12mm 18: Outline diameter 18mm 30: Outline diameter 30mm	A3: Cylindrical metal thread housing A4: Cylindrical plastic thread housing	1:1mm 2:2mm 4:4mm 5:5mm 8:8mm 10:10mm 15:15mm	Z:DC10-30V Z1:DC30-65V J:AC90-250V J1:AC300-400V	A: Three-wire system, normally on B: Three-wire system, normally off C: Three-wire system, normally on + normally off D: Two-wire system, normally on E: Two-wire system normally off	X:NPN DC 200mA Y:PNP DC 200mA Z:400mA M:500mA W:1500mA

# G Power Supply Products

## G1 Voltage stabilizer 097-099

TND	097
DBW	097
SVC-B	097
AVR	098
AVR-W	098
SJW	098
SJW-G	098
SBW	099

## G2 Voltage regulator 099

TDGC	099
TDGC <sub>2</sub>	099
TSGC	099
TSGC <sub>2</sub>	099


## G3 Inverter, charger, universal switching power supply 100-102

NB	100
NBZ	100
CGA-H	100
ZCD-1224	100
CDKU	101
CDKN	101
CDKH	101
CDKL	102
CDKG	102

## G4 Uninterruptible power supply, emergency power supply 103-104

UPS-DH	103
UPS-MD	103
YJ-D	103
YJ-S	104

### TND Single-Phase High-Precision Full Automatic AC Voltage Regulator

Product name	Rated power	Appearance category	Appearance category
TND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	P5: 0.5kVA 30: 30kVA	G: Cabinet type Default: Mobile type	The conventional TND-0.5kVA billing code is: TNDP5; The conventional cabinet type TND-10kVA billing code is: TND10G;

### DBW Single-Phase High-Power Compensated AC Voltage Regulator

Product name	Rated power
DBW	<input type="checkbox"/>
	10:10kVA ... 180:180kVA

### SVC-B Wall-Mounted AC Voltage Regulator

Product name	Installation method	Rated power
SVC	<input type="checkbox"/>	<input type="checkbox"/>
	B: Wall-mounted method	3:3kVA ... 10:10kVA

## AVR Household Automatic AC Voltage Regulator

Product name	Rated power
AVR	<input type="checkbox"/>



P5:0.5kVA  
...  
10:10kVA

## AVR-W Automatic AC Voltage Regulator (Wide Range)

Product name	Design code	Rated power VA
AVR-W	<input type="checkbox"/>	<input type="checkbox"/>



W: Wide range 1

1: 1000  
1P5: 1500  
2: 2000  
3: 3000  
5: 5000

Note: Example: 1: AVR-W1000VA, the billing code is AVRW1; example: AVR-W1.5kVA, the billing code is AVRW1P5

## SJW Three-Phase High Precision Full Automatic AC Voltage Regulator

Product name	Rated power	Appearance category
SJW	<input type="checkbox"/>	<input type="checkbox"/>



1P5: 1.5kVA  
...  
60: 60kVA

G: Cabinet type  
Default: Table type


## SJW-G Three-Phase Intelligent Contactless AC Voltage Regulator

Product name	Rated power
SJW-G	<input type="checkbox"/>




20:20kVA  
...  
1600:1600kVA


## SBW Three-Phase High-Power Compensated AC Voltage Regulator

Product name	Rated power
SBW	□
	10:10kVA ... 1600:1600kVA


## TDGC, TDGC<sub>2</sub> Single-Phase Contact Voltage Regulator

Product name	Category	Rated power
TDGC	□	□
	A: Type 2 Default: Economical type	P2:0.2kVA ... 30:30kVA

## TSGC, TSGC<sub>2</sub> Three-Phase Contact Voltage Regulator


Product name	Category	Rated power
TSGC	□	□
	A: Type 2 Default: Economical type	P2:0.2kVA ... 30:30kVA

## NB Sine Wave Inverter


Product name	Rated capacity	External battery voltage (DC)
NB	<input type="checkbox"/>	<input type="checkbox"/>
	P5:500VA ... 3:3000VA	12:12V 24:24V 48:48V

P: Decimal point


## NBZ Series Pure Sine Wave Inverter

Product name	Rated capacity	External battery voltage (DC)
NBZ	<input type="checkbox"/>	<input type="checkbox"/>
	P2: 200VA P4: 400VA 1: 1000VA	12:DC12V 24:DC24V

## GCA-H Automatic Silicon Rectifier Charger

Product name	Charging voltage	Charging current
GCA-H	<input type="checkbox"/>	<input type="checkbox"/>
	12:6-12V ... 48:6-48V	05:5A ... 30:30A


## ZCD Series Automatic Intelligent Charger

Product name	Charging voltage	Charging current
ZCD	<input type="checkbox"/>	<input type="checkbox"/>
	1224: 12V/24V can be intelligently switched	05:5A ... 30:30A

Note: Example 1: ZCD1224/5A, billing code: ZCD122405



## CDKU-S Series Ultra-Thin Switching Power Supply

Product name	Output power	Output voltage
CDKU-S	<input type="checkbox"/>	<input type="checkbox"/>
	35: 35W 50: 50W 75: 75W ... 350: 350W	05: 5V 12:12V ... 48: 48V

Note: CDKU-S-35W/12V ultra-thin low-power switching power supply, the billing code is: CDKU-S3512;


## CDKN-S Series Narrow Face Rail Switching Power Supply

Product name	Output power	Output voltage
CDKN-S	<input type="checkbox"/>	<input type="checkbox"/>
	75: 75W 120:120W 240:240W .... 480-480W	12:12V 24:24V 36:36V 48:48V


## CDKH-S Series High Power Switching Power Supply

Product name	Output power	Output voltage
CDKH-S	<input type="checkbox"/>	<input type="checkbox"/>
	2000: 2000W	12: 12V 24: 24V 36: 26V 48: 48V

## CDKL-S Series Special Switching Power Supply for Light Box

Product name	Rated power	Output voltage
CDKL-S	□	□
	50: 50W 75: 75W 100: 100W .... 300-300W	12: 12V 24: 24V

## CDKG-S Series DIN Rail Type Switching Power Supply


Product model	Output power	Output voltage
CDKG-S	□	□
	15: 15W 30: 30W 45: 45W ... 480: 480W	05: 5V 12: 12V 15: 15V 24: 24V 48: 48V

**Note:**


To order CDKG-S-15W/5V rail type switching power supply, the corresponding order code is: CDKGS1505;

To order CDKG-S-120W/24V rail type switching power supply, the corresponding order code is: CDKGS12024;


## UPS-DH High-Frequency On-Line Uninterruptible Power Supply

Product model	Rated power	Model	Number of input phases	Number of output phases
UPS-DH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1:1KVA ... 20:20KVA	Z: Host Default: 5 minutes for standard machines M30: Emergency time 30 minutes ... H8: Emergency time 8 minutes	1: Single-phase input 3: Three-phase input	1: Single-phase input 3: Three-phase input


## UPS-MD Power Frequency Online Uninterruptible Power Supply

Product model	Rated power	Model	Number of input phases	Number of output phases
UPS-MD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	10:10KVA ... 60:60KVA	Z: Host Default: 5 minutes for standard machines M30: Emergency time 30 minutes ... H8: Emergency time 8 minutes	1: Single-phase input 3: Three-phase input	1: Single-phase input 3: Three-phase input

## YJ-D Single-Phase Emergency Power Supply

Product model	Rated power	Installation method	Model	Output circuit
YJ-D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	P5:0.5KVA ... 10:10KVA	M: Open hanging type G: Cabinet type	Z: Host 30: Emergency time 30 minutes 90: Emergency time 90 minutes 120: Emergency time 120 minutes	3:3 circuits ... 10:10 circuits

## YJ-S Three-Phase Emergency Power Supply

Product name	Rated power	Installation method	Model	Output circuit
YJ-S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2P2:2.2KVA ... 160:160KVA	G: Cabinet type	Z: Host 30: Emergency time 30 minutes 90: Emergency time 90 minutes 120: Emergency time 120 minutes	3:3 circuits ... 10:10 circuits

# H Electrical Auxiliary Material

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## Copper Terminal Blocks

### ■ DT series copper terminal blocks (oil plug type – large head type)



- It is suitable for the connection of wires, power cables and electrical equipment in power distribution device
- Pressed with copper rod
- Excellent conductivity
- Wide range of applications

Model	Packed quantity (pcs)	Main dimensions (mm)							Order code
		D	L1	d	S	W	$\phi$	L	
DT-10	20	9	26	5.5	2.5	16	8.5	62	DT010SGD
DT-16	20	10	30	6.5	2.5	16	8.5	68	DT016SGD
DT-25	20	11	33	7.3	2.7	18	8.5	70	DT025SGD
DT-35	20	12	36	8.5	3	20.5	10.5	80	DT035SGD
DT-50	20	14	38	10	3.4	23	10.5	86	DT050SGD
DT-70	10	16	43	11.8	3.8	26	12.5	95	DT070SGD
DT-95	10	18	46	13.5	4.2	28	12.5	104	DT095SGD
DT-120	10	20	49	15	4.7	30	14.5	112	DT120SGD
DT-150	10	22	51	17	5.5	34	14.5	120	DT150SGD
DT-185	10	25	55	19	5.8	37	16.5	126	DT185SGD
DT-240	10	27	60	21.5	6.5	40	16.5	137	DT240SGD
DT-300	10	31	68	24	8	50	21	158	DT300SGD

\* Tin plated DT is also available for purchase

## Cold-Pressed Terminals

### ■ SC peep copper terminal (DTGA type)



- Good energizing performance, anti-galvanic corrosion, and long service life

Model	Packed quantity (pcs)	Bolt diameter $\phi$ (mm)	Main dimensions (mm)				Sectional area of wire mm <sup>2</sup>	Order code
			d	D	L1	L		
SC10-6	500	6.4	4.5	6.3	9	24	10	SC10M6ZXD
SC10-8	500	8.4	4.5	6.3	9	25	10	SC10M8ZXD
SC16-6	200	6.4	5.7	7.5	11	27.5	16	SC16M6ZXD
SC16-8	200	8.4	5.7	7.5	11	29.5	16	SC16M8ZXD
SC16-10	200	10.5	5.7	7.5	11	31	16	SC16M10ZXD
SC25-6	200	6.4	7.2	9	13.5	34	25	SC25M6ZXD
SC25-8	200	8.4	7.2	9	13.5	34	25	SC25M8ZXD
SC25-10	200	10.5	7.2	9	13.5	34	25	SC25M10ZXD
SC35-8	100	8.4	8.5	10.8	14.5	37	35	SC35M8ZXD
SC35-10	100	10.5	8.5	10.8	14.5	38	35	SC35M10ZXD
SC50-8	100	8.4	9.8	12.5	17	42.5	50	SC50M8ZXD
SC50-10	100	10.5	9.5	12.5	17	44	50	SC50M10ZXD
SC50-12	100	13	9.5	12.5	17	44	50	SC50M12ZXD
SC70-8	100	8.4	11.5	14.5	19.5	50	70	SC70M8ZXD
SC70-10	100	10.5	11.5	14.5	19.5	50	70	SC70M10ZXD
SC70-12	100	13	11.5	14.5	19.5	50	70	SC70M12ZXD
SC95-10	50	10.5	13.7	17	23.5	57	95	SC95M10ZXD
SC95-12	50	13	13.7	17	23.5	57	95	SC95M12ZXD

## Bus Bar

### ■ Pt Series Busbars



- Copper material, good electrical conductivity, low contact resistance
- Break through the traditional wire inlet method, and increase the contact area
- Compared with the traditional method, the power consumption is decreased, and the temperature rise is reduced
- With advantages of safety, reliability, time-saving, and convenience
- With special design of the tooth surface pattern, make the line is engaged more tightly

Material description	Number of pieces per plastic seal	Copper bar thickness * width	Phase spacing	Order code
Busbar 1P 40A 1.2*5 1 meter	20	1.2*5	18	HLP1P40A1205Z1M
Busbar 1P 50A 1.4*5 1 meter	20	1.4*5	18	HLP1P50A1405Z1M
Busbar 1P 63A 1.4*7 1 meter	20	1.4*7	18	HLP1P63A1407Z1M
Bus bar 1P+N with leakage protection 32A 1.0*5 1 meter, spacing 45mm	10	1.0*5	45	HLP1PL32A1005Z1M
Bus bar 1P+N with leakage protection, 63A 1.4*7, spacing 54mm	10	1.4*7	54	HLP1PL63A1407
Bus 2P 40A 1.2*5 1 meter	10	1.2*5	36	HLP2P40A1205Z1M
Bus 2P 63A 1.4*7 1 meter	10	1.4*7	36	HLP2P63A1407Z1M
Bus bar 2P with leakage protection 32A 1.0*5 1 meter, spacing 63mm	10	1.0*5	63	HLP2PL32A1005Z1M
Bus bar 2P with leakage protection 63A 1.4*7, spacing 72mm	10	1.4*7	72	HLPC652PL63A1407
Bus bar 3P 100A 2.0*9 1 meter, spacing 81mm	10	2.0*9	81	HLP3P100A1909Z1M
Bus bar 3P 32A 1.0*5 1 meter	10	1.0*5	54	HLP3P32A1005Z1M
Bus bar 3P 40A 1.2*5 1 meter	10	1.2*5	54	HLP3P40A1205Z1M
Bus bar 3P 50A 1.4*5 1 meter	10	1.4*5	54	HLP3P50A1405Z1M
Bus bar 3P 63A 1.4*7 1 meter	10	1.4*7	54	HLP3P63A1407Z1M
Bus bar 3P 80A 1.7*9 1 meter	10	1.7*9	54	HLP3P80A1709Z1M
Bus bar 4P 63A 1.4*7 1 meter	10	1.4*7	72	HLP4P63A1407Z1M
Bus bar DPN 40A 1.2*5 1 meter	10	1.2*5	18	HLPDPN40A1205Z1M
Bus bar DPN 50A 1.4*5 1 meter	10	1.4*5	18	HLPDPN50A1405Z1M
Bus bar DPN+L 32A 1.0*5 1 meter	10	1.0*5	36	HLPDPNL32A1005Z1M
Bus bar DPN+L 50A 1.4*5 1 meter	10	1.4*5	36	HLPDPNL50A1405Z1M



## Zero Ground Bar



- Used in distribution box, distribution cabinet, and lighting box
- Brass has high strength, high hardness and good wear resistance
- With high current carrying capacity, convenient wiring, and not easily oxidized
- Different thicknesses and widths are available

Name	Spec. & Model	Number of bits	L1 copper bar length (mm)	L2 mounting hole distance (mm)	Mounting hole size $\phi$ (mm)	Thickness	Width	Order code
Copper wiring ground bar	2*15	5	104.8	90	6	1.4	14	DHALDP021505ES
Copper wiring ground bar	2*15	7	127	111.5	6	1.4	14	DHALDP021507ES
Copper wiring ground bar	2*15	10	161	145.5	6	1.4	14	DHALDP021510ES
Copper wiring ground bar	2*20	5	124	109.5	8	1.7	19.5	DHALDP022005ES
Copper wiring ground bar	2*20	7	142	132	8	1.7	19.5	DHALDP022007ES
Copper wiring ground bar	2*20	10	188	125.5	8	1.7	19.5	DHALDP022010ES
Copper wiring ground bar	3*25	10	225	206	8	2.5	24.5	DHALDP032510ES
Copper wiring ground bar	2*15	5	98	83	6	1.4	14	DHALDP021505NS
Copper wiring ground bar	2*15	7	120.2	105	6	1.4	14	DHALDP021507NS
Copper wiring ground bar	2*15	10	153	138	6	1.4	14	DHALDP021510NS
Copper wiring ground bar	2*20	5	106	91	8	1.7	19.5	DHALDP022005NS
Copper wiring ground bar	2*20	7	133.2	118	8	1.7	19.5	DHALDP022007NS
Copper wiring ground bar	2*20	10	173	158.5	8	1.7	19.5	DHALDP022010NS
Copper wiring ground bar	3*25	10	213.5	195	8	2.5	24.5	DHALDP032510NS

Copper wiring zero bar is usually matched with SM series insulators with order code SM\*\*\*

## Piercing Clips



- With piercing structure and simple installation, the insulation layer of the wire is not peeled off in the power distribution line to get electricity
- With special copper contact blade adopted, it is suitable for copper (aluminum) butt connection and copper-aluminum transition
- With torque nut, and constant piercing pressure, ensure good electrical connection without damage to the wire
- Self-seal structure is used with moisture-proof, waterproof, and anti-corrosion performance, prolonging the life of insulated wire and wire clamps

Model	Packed quantity (pcs)	Sectional area of main wire (mm <sup>2</sup> )	Sectional area of branch (mm <sup>2</sup> )	Nominal current (A)	Outline dimensions (mm)	Weight (g)	Piercing depth (mm)	Number of bolts	Order code
Piercing wire clip JJC-1 Main 1.5-25 Branch 1.5-10	20	1.5-25	1.5-10	55	38*42.5*62	55	1.5-2	1	DHAJJC1
Piercing wire clip JJC-2 Main 16-95 Branch 1.5-10	20	16-95	1.5-10	55	38*42.5*62	55	1-2	1	DHAJJC2
Piercing wire clip JJC-3B Main 6-50 Branch 4-25	10	6-50	4-25	157	43*45*65	110	2.5-3.5	1	DHAJJC3B
Piercing wire clip JJC-3 Main 16-95 Branch 4-35	6	16-95	4-35 (50)	157	44*54*70	160	2.5-3.5	1	DHAJJC3
Piercing wire clip JJC-4 Main 50-150 Branch 6-35	6	50-150	6-35 (50)	157	44*54*70	162	2.5-3.5	1	DHAJJC4
Piercing wire clip JJC-5 Main 25-95 Branch 25-95	4	25-95	25-95	214	39*60*80	198	3-4	1	DHAJJC5
Piercing wire clip JJC-6 Main 50-150 Branch 50-150	3	(35) 50-150	(35) 50-150	316	51*60*80	280	3-4	1	DHAJJC6
Piercing wire clip JJC-7 Main 120-240 Branch 25-120	3	120-240	25-120	276	49*68*100	360	3-4	1	DHAJJC7
Piercing wire clip JJC-8 Main 50-240 Branch 50-240	2	95-240	95-240	425	67*68*110	528	4-5	2	DHAJJC8

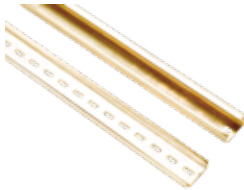
## Wire Crimping Cap



- Suitable for wiring equipment such as various electrical products, lighting, and household wiring
- With strong fixing capacity, it clamp the wire to prevent falling off even under strong vibration
- The copper tube in the wire crimping cap is made of copper with excellent conductivity

Model	Length A (mm)	Diameter of cap rear B (mm)	Diameter in cap C (mm)	Inner diameter of copper tube D (mm)	Available wire range (mm)	Packed quantity (pcs)	Order code
CHS-φ3	18	9	3.6	2.8	1.25	100	CDAXM03AZTXBZ
CHS-φ4	21	9.5	3.9	3	2	100	CDAXM04AZTXBZ
CHS-φ5	22.5	10.5	4.8	4	5.5	100	CDAXM05AZTXBZ
CHS-φ6	24	12	5.6	4.8	8	100	CDAXM06AZTXBZ
CHS-φ7	25.5	13	6.5	5.5	10	50	CDAXM07AZTXBZ
CHS-φ8	25.5	14	7.5	6	13	50	CDAXM08AZTXBZ
CHS-φ10	29.5	15.5	9.3	7.8	16	25	CDAXM10AZTXBZ

## Guide Rail



- Multiple electrical components such as air switches and contactors can be installed
- With high strength, durable capacity, multicolored zinc plating, and corrosion resistance
- There are different types of C45 type rail and G type high and low rail for selection
- Various thickness options available for the needs of different occasions

Model	Thickness (mm)	Fixed length (m)	Height (mm)	Height order code
C45-0.8	0.8	1.0	6.5	DGC45T08PTDK
		1.0	6.5	DGC45T08PT1M
		0.6	7.5	DGC45T10GB60CM
		1.0	7.5	DGC45T10GBDK
		1.5	7.5	DGC45T10GB1P5M
C45-1.0	1.0	0.1	7.5	DGC45T10GB10CM
		1.0	7.5	DGC45T10GB1M
		0.2	7.5	DGC45T10GB20CM
		0.3	7.5	DGC45T10GB30CM
		2.0	7.5	DGC45T10DKGB2M
		2.0	7.5	DGC45T10GB2M
		1.0	7.5	DGC45T12GBDK
C45-1.2	1.2	2.0	7.5	DGC45T12GB2M
		1.0	7.5	DGC45T12GB1M
		1.0	7.5	DGC45T15GB1M
C45-1.1	1.1	1.0	7.5	DGC45L11GB1M
G-0.8	0.8	1.0	7.5	DGGT08GB1M
G-1.0	1.0	1.0	7.5	DGGT10GB1M

Note: Large hole: M6 screw (6.2\*15mm), small hole: M4 screw (4.2\*12mm)

## Cable Ties

### ■ With Self-Lock Type Nylon Cable Ties



- Widely used in wiring harness fixation to quickly realize the artistic and tidy wiring harness
- Made of UL approved nylon 66 material, with fire rating 94V-2
- With good flexibility, not easily aged, good strong load bearing capacity, convenient operation and economy
- The standard color is natural (white), and some black specifications are available

Model	Order code	Colour	Packed quantity (pcs)	Length L (mm)	Width W (mm)	Tie JS range F (mm)	Tension strength (KGS)
3x100	DHACDS30100BN	Black	1000 pcs	100	2.4	2-22	8
3x120	DHACDS30120BN	Black	1000 pcs	120	2.4	2-28	8
3x150	DHACDS30150WN	White	1000 pcs	150	2.4	2-35	8
3x200	DHACDS30200WN	White	500 pcs	200	2.4	2-53	8
3x60	DHACDS3060WN	White	1000 pcs	60	2.4	2-11	8
3x80	DHACDS3080WN	White	1000 pcs	80	2.4	2-16	8
4x150	DHACDS40150WN	White	500 pcs	150	3.4	3-35	18
4x200	DHACDS40200WN	White	500 pcs	200	3.4	3-50	18
4x250	DHACDS40250WN	White	250 pcs	250	3.4	3-65	18
4x300	DHACDS40300WN	White	250 pcs	300	3.4	3-76	18
5x200	DHACDS50200WN	White	500 pcs	200	4.4	3-50	22
5x250	DHACDS50250BN	Black	250 pcs	250	4.4	3-60	22
5x300	DHACDS50300WN	White	250 pcs	300	4.4	3-76	22
5x350	DHACDS50350WN	White	250 pcs	350	4.4	3-90	22
8x250	DHACDS80250WN	White	250 pcs	250	7.2	4-65	50
8x300	DHACDS80300BN	Black	250 pcs	300	7.2	4-76	50
8x400	DHACDS80400BN	Black	250 pcs	400	7.1	4-105	50
8x500	DHACDS80500WN	White	250 pcs	500	7.2	4-145	50

Professional cable tie gun can be used for binding, with order code DHCXLS519/DHCXTG100

### Self-Adhesive Positioning Plate (Self-Adhesive Cable Tie Holders)



- Time-saving, and simple, used when the panel can not be drilled
- The adhesion of double-sided tape is especially suitable for rougher surfaces
- Good insulation performance, good durability, and not easily aged
- Small quantity packaging, more economical investment and convenient storage

Model	Packing qty. (pcs)	Length A x Width B (mm)	Height H (mm)	C (mm)	Order code
TM-20	100	20×20	6.1	5.0	TM2020WN
TM-25	100	25×25	7.5	6.2	TM2525WN
TM-30	100	30×30	8.7	6.4	TM3030WN
TM-40	100	40×40	6.4	10.8	TM4040WN

## Saddle Cable Tie Holder



- With UL approved nylon 66 plastic, fire rating 94V-2
- With acid resistance, corrosion resistance, good insulation, good durability, not easily aged
- Fix the fixing base with screws, and then bind the wire with cable ties
- The removed wire can be reused, and the wiring changes are very convenient

Model	Packed qty. (pcs)	Length L (mm)	Width W (mm)	Height H (mm)	Inner width T (mm)	Hole diameter B (mm)	Order code
STM-0	1000	19	9.5	5	5	4	DHASTM0
STM-1	1000	15	10	7	5	4	DHASTM1
STM-2	500	22	16	9	9	5	DHASTM2

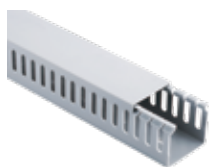
## Plastic Expansion Tube



- Used to fix objects in various common wall materials
- With large load, good toughness, high expansion coefficient, and good wear resistance and corrosion resistance
- Suitable for installing loads such as curtain rods, picture frames, and power switches

Length	Outer diameter (D)(mm)	Inner diameter (d)(mm)	Screw (mm)	Packing qty.	Order code
30	6	5	φ4×30	100	CDPZGEN06HXBZ
39	8	5.4	φ5×40	50	CDPZGEN08HXBZ
44	10	5.8	φ5×45	50	CDPZGEN10HXBZ

## Excellent PVC Wiring Duct



- It is composed of bottom groove and cover, and there are wire outlet holes on both sides of the bottom groove
- Easy combination, not falling off, smooth joint surface without hands injury
- Good insulation, no spontaneous combustion, high temperature resistance, heavy load carrying capacity
- Low cable hole, simple combination and disassembly, easy wiring

Model	Product type	Height (mm)	Width (mm)	Pitch of teeth	Packing (pcs/box)	Order code
20×20	Conventional	20	20	4.5	50	PXC2020SGZD
25×25	Conventional	25	25	5.0	50	PXC2525SGZD
30×15	Conventional	30	15	4.8	100	PXC3015SGZD
30×25	Conventional	30	25	5.0	50	PXC3025SGZD
30×30	Conventional	30	30	5.0	50	PXC3030SGZD
30×35	Conventional	30	35	5.0	50	PXC3035SGZD
35×35	Conventional	35	35	5.3	50	PXC3535SGZD
40×25	Conventional	40	25	5.3	50	PXC4025SGZD
40×30	Conventional	40	30	5.3	50	PXC4030SGZD
40×35	Conventional	40	35	5.5	50	PXC4035SGZD
40×40	Conventional	40	40	5.5	50	PXC4040SGZD

Model	Product type	Height (mm)	Width (mm)	Pitch of teeth	Packing (pcs/box)	Order code
50×25	Conventional	50	25	6.0	50	PXC5025SGZD
50×25	Dense teeth	50	25	4.0	50	DHAPXC5025MCSGZD
50×30	Conventional	50	30	6.0	50	PXC5030SGZD
50×30	Dense teeth	50	30	4.0	50	DHAPXC5030MCSGZD
50×35	Conventional	50	35	6.3	50	PXC5035SGZD
50×35	Dense teeth	50	35	4.0	50	DHAPXC5035MCSGZD
50×40	Conventional	50	40	6.3	50	PXC5040SGZD
50×45	Conventional	50	45	6.3	50	PXC5045SGZD
50×50	Conventional	50	50	6.3	50	PXC5050SGZD
50×50	Dense teeth	50	50	4.0	50	DHAPXC5050MCSGZD
50×50	Closed	50	50	6.3	50	PXC5050QFB
50×50	Closed	50	50	6.3	50	PXC5050SGZDB
50×55	Conventional	50	55	6.3	50	PXC5055SGZD
50×80	Conventional	50	80	6.3	30	PXC5080SGZD
50×100	Conventional	50	100	6.0	30	PXC50100SGZD
60×25	Dense teeth	60	25	4.0	50	DHAPXC6025MCSGZD
60×35	Dense teeth	60	35	4.0	50	DHAPXC6035MCSGZD
60×40	Conventional	60	40	7.0	50	PXC6040SGZD
60×40	Dense teeth	60	40	4.0	50	DHAPXC6040MCSGZD
60×50	Dense teeth	60	50	4.0	30	DHAPXC6050MCSGZD
60×60	Conventional	60	60	7.0	30	PXC6060SGZD
60×60	Dense teeth	60	60	4.0	30	DHAPXC6060MCSGZD
60×80	Conventional	60	80	7.0	18	PXC6080SGZD
60×80	Dense teeth	60	80	4.0	30	DHAPXC6080MCSGZD
65×32	Conventional	65	32	6.8	50	PXC6532SGZD
65×45	Dense teeth	65	45	4.0	50	DHAPXC6545MCSGZD
80×30	Dense teeth	80	30	4.0	30	DHAPXC8030MCSGZD
80×35	Conventional	80	35	8.0	30	PXC8035SGZD
80×40	Conventional	80	40	8.5	30	PXC8040SGZD
80×40	Dense teeth	80	40	4.0	30	DHAPXC8040MCSGZD
80×40	Closed	80	40	8.5	30	PXC8040SGZDB
80×50	Conventional	80	50	8.5	30	PXC8050SGZD
80×50	Dense teeth	80	50	4.0	30	DHAPXC8050MCSGZD
80×50	Closed	80	50	8.5	30	PXC8050SGZDB
80×60	Conventional	80	60	8.5	30	PXC8060SGZD
80×60	Dense teeth	80	60	4.0	30	DHAPXC8060MCSGZD
80×60	Closed	80	60	8.5	30	PXC8060SGZDB
80×80	Conventional	80	80	8.5	24	PXC8080SGZD
80×80	Dense teeth	80	80	4.0	24	DHAPXC8080MCSGZD
80×80	Closed	80	80	8.5	24	PXC8080SGZDB
80×100	Conventional	80	100	8.5	24	PXC80100SGZD
80×100	Dense teeth	80	100	4.0	24	DHAPXC80100MCSGZD
100×50	Dense teeth	100	50	4.0	30	DHAPXC10050MCSGZD
100×60	Conventional	100	60	10.0	30	PXC10060SGZD
100×60	Dense teeth	100	60	4.0	30	DHAPXC10060MCSGZD
100×80	Conventional	100	80	10.0	24	PXC10080SGZD
100×80	Dense teeth	100	80	4.0	24	DHAPXC10080MCSGZD

## Notes:

1. The wiring ducts of all specifications are equipped with wiring duct cover, and the wiring duct cover materials can be ordered separately.
2. The dense tooth specifications available for purchasing.

## Winding Tube (Coiled End Protective Belt)



- With excellent flexibility and reducibility, it can be easily attached to wires
- It can prevent the wire from wear and tear, and has a certain insulation
- With improved appearance of curved wires, multiple cables can be installed in branches
- The removed wire can be reused, wire changes and wiring connection are very convenient

Model	Color	Outer diameter D (mm)	Pack	Reference length (m)	Order code
SWB-06	Natural color	6	150 g / pack	17	SWB06WD
SWB-08	Natural color	8	150 g / pack	13	SWB08WD
SWB-10	Natural color	10	150 g / pack	9	SWB10WD
SWB-12	Natural color	12	150 g / pack	7	SWB12WD
SWB-14	Natural color	14	150 g / pack	5	SWB14WD
SWB-16	Natural color	16	150 g / pack	4.5	SWB16WD
SWB-18	Natural color	18	150 g / pack	3.5	SWB18WD
SWB-20	Natural color	20	150 g / pack	3	SWB20WD

\* Black is also available (with same specification as natural color)

## Bellows



- Widely used in the protection and fixing of wire harnesses
- With high toughness, high impact resistance, and good bending performance
- With bright surface, friction resistance, and chemical corrosion resistance
- The length of the bellows can be cut arbitrarily according to the needs

Outer diameter (mm)	Inner diameter (mm)	Bending radius (mm)	Packed qty. (meter/coil)	Order code
10	6.5	16	100	BWGAD10PEB
13	10	20	100	BWGAD13*B
15.8	12	30	100	BWGAD1508*B
18.5	14.3	40	100	BWGAD1805*B
21.2	17	45	100	BWGAD2102*B
25	20	45	50	BWGAD25*B
28.5	23	50	50	BWGAD2805*B
34.5	29	60	50	BWGAD3405*B
42.5	36	70	50	BWGAD4205*B
54.5	48	90	10	BWGAD5405*B

\* Indicate PE, PA, PP

The quick couplings of bellows and the bellows fixing brackets are also available

## Plum Type Number Tube



- With excellent soft PVC material used, effectively prevent oil and other substances from erosion
- Applicable to various types of line number machines such as SUPVAN, the printing contents are flexible and free
- Flat printing is uniform with clear font, and the cable identification is easily marked
- Paper tube and plastic thin wax packaging are used for easy storage and management

Model	Hole diameter (mm)	Available wire diameter (mm)	Reference length (m/kg)	Order code
Plum number tube 0.75 mm <sup>2</sup> Excellent type, 1kg/ barrel	2±0.2	0.75	110	DHAMHG075TZ
Plum number tube 1.5 mm <sup>2</sup> Excellent type, 1kg/ barrel	3±0.2	1.5	80	DHAMHG105TZ
Plum number tube 1.0 mm <sup>2</sup> Excellent type, 1kg/ barrel	2.5±0.2	1	105	DHAMHG1TZ
Plum number tube 2.5 mm <sup>2</sup> Excellent type, 1kg/ barrel	3.5±0.3	2.5	60	DHAMHG205TZ
Plum number tube 4 mm <sup>2</sup> Excellent type, 1kg/ barrel	5±0.3	4	40	DHAMHG4TZ
Plum number tube 6 mm <sup>2</sup> Excellent type, 1kg/ barrel	6±0.3	6	30	DHAMHG6TZ

## Button Sign Box



- Used with buttons or indicators
- Used for symbol indication or text description
- With buckle installation structure, easy installation
- High product cost performance, economical and convenient

Model	Style	Mounting hole diameter (mm)	Writing area	Packed qty. (pcs)	Order code
BPK-022	Buckle type	22	25*18	100	BPK22K
BPK-022	Plug-in type	22	25*18	100	DHABPK22K



## Low-Pressure Environmentally Friendly Heat Shrink Tube



- With the characteristics of low shrinkage temperature, fast shrinkage, and uniform heat shrinkage
- Suitable for insulation protection of electronic components such as wires
- It can be used for the identification and distinguishment of wires and other products
- various colors and sizes of the product are available

Spec.	Color	Pack per coil (meter / coil)	Inner diameter before shrinkage	Wall thickness before shrinkage	Inner diameter after shrinkage	Wall thickness after shrinkage	Available range (mm)	Order code
φ 2.0	Black, Red, Yellow, Green, Blue	200	2.4±0.3	0.25±0.05	0.9±0.1	0.35±0.05	1.1-1.8	RSG2*D
φ 3.0	Black, Red, Yellow, Green, Blue	200	3.4±0.4	0.25±0.05	1.4±0.1	0.40±0.05	1.6-2.7	RSG3*D
φ 4.0	Black, Red, Yellow, Green, Blue	200	4.5±0.5	0.25±0.05	1.8±0.1	0.45±0.05	2.1-3.6	RSG4*D
φ 5.0	Black, Red, Yellow, Green, Blue	200	5.4±0.4	0.25±0.15	2.3±0.1	0.55±0.15	2.6-4.5	RSG5*D
φ 6.0	Black, Red, Yellow, Green, Blue	200	6.4±0.4	0.28±0.15	2.8±0.2	0.55±0.15	3.1-5.4	RSG6*D
φ 8.0	Black, Red, Yellow, Green, Blue	100	8.4±0.5	0.28±0.15	3.8±0.3	0.55±0.15	4.2-7.2	RSG8*D
φ 10	Black, Red, Yellow, Green, Blue	100	10.5±0.5	0.30±0.15	4.8±0.2	0.55±0.15	5.2-9.0	RSG10*D
φ 12	Black, Red, Yellow, Green, Blue	100	12.5±0.5	0.30±0.15	5.7±0.3	0.60±0.15	6.2-11	RSG12*D
φ 14	Black, Red, Yellow, Green, Blue	100	14.5±0.5	0.35±0.15	6.7±0.3	0.60±0.15	7.3-13	RSG14*D
φ 16	Black, Red, Yellow, Green, Blue	100	16.5±0.6	0.38±0.15	7.7±0.3	0.65±0.15	8.3-15	RSG16*D
φ 18	Black, Red, Yellow, Green, Blue	100	19.0±0.6	0.40±0.15	8.7±0.3	0.65±0.15	9.3-17	RSG18*D
φ 20	Black, Red, Yellow, Green, Blue	100	21.0±0.8	0.40±0.20	9.7±0.3	0.75±0.20	10.4-19	RSG20*D
φ 22	Black, Red, Yellow, Green, Blue	100	22.8±0.8	0.42±0.20	10.0±0.1	0.75±0.20	11.4-21	RSG22*D
φ 25	Black, Red, Yellow, Green, Blue	50	25.8±0.8	0.45±0.20	11.0±0.1	0.75±0.20	12.8-24	RSG25*D
φ 30	Black, Red, Yellow, Green, Blue	50	30.8±0.8	0.45±0.20	14.0±0.1	0.75±0.20	16-29	RSG30*D
φ 35	Black, Red, Yellow, Green, Blue	50	35.8±0.8	0.50±0.20	16.0±0.1	0.85±0.20	18-34	RSG35*D
φ 40	Black, Red, Yellow, Green, Blue	50	42.0±1.0	0.50±0.20	19.0±0.1	0.85±0.20	21-39	RSG40*D
φ 50	Black, Red, Yellow, Green, Blue	50	51.0±1.0	0.50±0.20	24.0±0.1	0.85±0.20	26-49	RSG50*D
φ 60	Black, Red, Yellow, Green, Blue	25	61.0±1.0	0.65±0.20	29.0±0.1	0.85±0.20	35-55	RSG60*D
φ 70	Black, Red, Yellow, Green, Blue	25	70±1.0	0.65±0.2	34±2.0	1.00±0.2	40~65	RSG70*D
φ 80	Black, Red, Yellow, Green, Blue	25	80±1.0	0.65±0.2	39±2.0	1.00±0.2	45~75	RSG80*D
φ 90	Black, Red, Yellow, Green, Blue	25	90±1.0	0.65±0.2	44±2.0	1.00±0.2	50~88	RSG90*D
φ 100	Black, Red, Yellow, Green, Blue	25	100±1.0	0.65±0.2	49±2.0	1.00±0.2	55~95	RSG100*D

- Order code: "\*" means the optional color: B- Black; R- Red; Y- Yellow; G- Green; U - Blue.
- Order example: To order φ2.0 heat shrink tubing (200 m/coil) - red, the order code is: RSG2R.
- \* 10KV heat shrinkable tubing and transparent heat shrink tube are also available for purchase

## 1KV Heat Shrink Cable Accessories



- The finger cot can be tightened without padding tube, and it is operated simply and conveniently
- The color of the insulated pipe at the terminal end is consistent with that of the cable, and the phase can be split.
- With quick shrinkage and resistance to crack, low requirements for the use of heat gun
- With good insulation and flame resistance, it has a long service life

Spec.	Packed qty. (set)	Spec.	Available cable spec.	Sectional area of available cable (mm <sup>2</sup> )	Order code
RSZD4X1016	1	Terminal	4-core	10-16mm <sup>2</sup>	DHARSZD4X1016
RSZD4X2050	1	Terminal	4-core	20-50mm <sup>2</sup>	DHARSZD4X2050
RSZD4X70120	1	Terminal	4-core	70-120mm <sup>2</sup>	DHARSZD4X70120
RSZD4X120240	1	Terminal	4-core	120-240mm <sup>2</sup>	DHARSZD4X120240
RSZJ4X1016	1	Middle	4-core	10-16mm <sup>2</sup>	DHARSZJ4X1016
RSZJ4X2050	1	Middle	4-core	20-50mm <sup>2</sup>	DHARSZJ4X2050
RSZJ4X70120	1	Middle	4-core	70-120mm <sup>2</sup>	DHARSZJ4X70120
RSZJ4X120240	1	Middle	4-core	120-240mm <sup>2</sup>	DHARSZJ4X120240
RSZD5X1016	1	Terminal	5-core	10-16mm <sup>2</sup>	DHARSZD5X1016
RSZD5X2050	1	Terminal	5-core	20-50mm <sup>2</sup>	DHARSZD5X2050
RSZD5X70120	1	Terminal	5-core	70-120mm <sup>2</sup>	DHARSZD5X70120
RSZD5X120240	1	Terminal	5-core	120-240mm <sup>2</sup>	DHARSZD5X120240
RSZJ5X1016	1	Middle	5-core	10-16mm <sup>2</sup>	DHARSZJ5X1016
RSZJ5X2050	1	Middle	5-core	20-50mm <sup>2</sup>	DHARSZJ5X2050
RSZJ5X70120	50	Middle	5-core	70-120mm <sup>2</sup>	DHARSZJ5X70120
RSZJ5X120240	1	Middle	5-core	120-240mm <sup>2</sup>	DHARSZJ5X120240

\* 10KV heat shrink cable accessories are also available to order

## SM Type Excellent Insulator



- DMC resin is pressed at high temperature, and high-quality copper thread is selected
- It can be used to fix the connecting busbar of copper and aluminum bar of high and low voltage distribution cabinet
- It can be used for insulation withstand voltage of machines such as heat sealing machines
- The product has good insulation, high strength, high temperature resistance, safety, and reliability

Spec.	Packed qty. (pcs)	Height (mm)	Thread (mm)	Tension strength (LBS)	Withstand voltage (KV)	Order code
SM25-M6	20	25	φ6	500	6	SM2525M6
SM30-M6	20	30	φ6	550	8	SM3030M6
SM35-M8	10	35	φ8	600	10	SM3535M8
SM40-M8	10	40	φ8	650	12	SM4040M8
SM51-M8	10	51	φ8	1000	15	SM5151M8
SM7120-M8	10	50	φ8	700	12	SM712050M8
SM7120-M10	10	60	φ10	1500	20	SM712060M10

\* Insulator connecting screws are also available for purchase

## Pvc Electrical Tape



- Used for insulation protection and wire identification of wire joint
- Glossy or matte surface, soft and elastic material
- High mechanical strength, waterproof, acid and alkali corrosion resistance
- With excellent adhesion and electrical insulation performance

Spec.	Optional color	Thickness (mm)	Outer diameter (mm)	Tape width (mm)	Length per coil (m)	Order code
PVC electrical tape (10m)	Black	0.15	66	17	10	PVCPT0151710B
PVC electrical tape (10m)	Red	0.15	66	17	10	PVCPT0151710R
PVC electrical tape (20m)	Black	0.15	77	17	20	PVCPT0151720B
PVC electrical tape (20m)	Red	0.15	77	17	20	PVCPT0151720R
PVC electrical tape set (20m)	60 coils for black, red, green, blue, and yellow	0.15	66	17	10	PVCPT0151710M
PVC electrical tape set (20m)	40 coils for black, red, green, blue, and yellow	0.15	77	17	20	PVCPT0151720M
PVC electrical tape set Sticky type (20m)	Black (Grade A film)	0.15	77	17	20	PVCPTJN20B
PVC electrical tape set Sticky type (20m)	Red (Grade A film)	0.15	77	17	20	PVCPTJN20R
PVC electrical tape set Sticky type (20m)	Mixed color (Grade A film)	0.15	77	17	20	PVCPTJN20M
PVC electrical tape set 0.15mm*17mm*20m Yellow green	Yellow green	0.15	77	17	20	PVCPT0151720YG
PVC electrical tape set 0.15mm*17mm*20m Yellow green	Yellow green	0.15	66	17	10	PVCPT0151710YG
PVC electrical tape set 0.15mm*17mm*20m blue	Blue	0.15	77	17	20	PVCPT0151720U
PVC electrical tape set 0.15mm*17mm*20m White	White	0.15	77	17	20	PVCPT0151720W
PVC electrical tape set 0.15mm*17mm*20m Green	Green	0.15	77	17	20	PVCPT0151720G
PVC electrical tape set 0.15mm*17mm*20m Yellow	Yellow	0.15	77	17	20	PVCPT0151720Y

\* J20 high pressure self-adhesive tape is also available for purchase

## Transparent Box Sealing Tape



- Carton packaging, sealing and bundling for various occasions
- Uniform gluing, no bubbles, high transparency
- Strong adhesion, firm adhesion, perfect fit to the surface of box
- Strong tensile performance, not easily break under normal operation

Width (mm)	Length (code)	Thickness (mm)	Base material thickness (mm)	Glue thickness (mm)	Packed qty. (coil/box)	Order code
24	80	12	0.028	0.023	72	DHEHF002
36	80	12	0.028	0.023	48	DHEHF003
45	80	12	0.028	0.023	36	DHEHF004
55	80	12	0.028	0.023	30	DHEHF005
58	80	12	0.028	0.023	30	DHEHF006
45	100	14	0.028	0.023	36	DHEFXJD45W100M
55	100	14	0.028	0.023	30	DHEFXJD55W100M
58	100	14	0.028	0.023	30	DHEFXJD58W100M

## Hydraulic Pliers



- Pliers: Material: 45# medium carbon steel
- Cylinder block: Material: 40cr chromium steel
- Handle: Material: 20# seamless steel pipe
- Hex crimping module: Material: 45# medium carbon steel, hardness 30-35°
- Piston: Material: 45# medium carbon steel, hardness 35-40°

Model	Crimping range		Max. operating pressure (T)	Max. working stroke (mm)	Hex crimping module configuraiton	Hydraulic oil	Order code
	Al (mm <sup>2</sup> )	Copper (mm <sup>2</sup> )					
Manual hydraulic pliers YQK70 Crimping range 4-70 mm <sup>2</sup>	6-50	6-70	6	12	4/6/10/16/25/35/50/70		DHBYQK70D
Manual hydraulic pliers YQK120 Crimping range 10-120 mm <sup>2</sup>	10-95	10-120	8	16	10/16/25/35/50/70/95/120	15# Hydraulic oil	DHBYQK120D
Manual hydraulic pliers YQK240 Crimping range 16-240 mm <sup>2</sup>	16-185	16-240	12	22	16/25/35/50/70/95/120/150/185/240		DHBYQK240D
Manual hydraulic pliers YQK300 Crimping range 16-300 mm <sup>2</sup>	16-240	16-300	13	20	16/25/35/50/70/95/120/150/185/300		DHBYQK300D

## Electrical Test Pen



- Full copper pen cap, the electrical pen tip is subject to heat treatment, with integrated neon bubble resistance
- Chip type circuit board, and battery with leakage protection
- With luminous screen display
- Suitable for electrician/circuit inspection and maintenance, convenient carrying and use

Model	Packed qty. (pcs)	Product size (mm)	Order code
Electric test pen withstand voltage 100-500V	240	145*15	DHCHT8001S
Digital display electrical test pen 12-250V	240	130*18	DHCHT8003S
Illuminated digital display electrical test pen withstand voltage 12-250V	240	140*18	DHCHT8005S

## Diagonal Pliers



- The pliers body is forged with CR-NI steel, sturdy and durable
- The cutting edge is subject to the special treatment with strong shear capacity
- The sleeve handle is made of TPR+PP bi-material for comfortable holding
- The surface of the pliers body is polished, artistic and rustproof

Model	Packed qty. (pcs)	Product size (mm)	Order code
6寸 160mm	60	160*60	DHCHT2206S

## Measuring Tape



- The tape is made of high-grade steel, the surface is sprayed with white matte paint, and the strong spring makes the tape stretch freely
- The tape shell is made of high-strength ABS plastic
- The measuring tape hook has an automatic zero setting to ensure that the measurement starts from zero regardless of whether the measurement is carried out internally or externally

Model	Length M	Width MM	Order code	Box-packed qty.
Steel tape 3m*16m	3	16	DHCHT9003BS	120
Steel tape 5m*19mm	5	19	DHCHT9005BS	120
Steel tape 7.5m*25mm	7.5	25	DHCHT9075BS	60
Steel tape 10m*25mm	10	25	DHCHT9010BS	48

## Multimeter



- Ultra-large wide-angle high-precision digital multimeter
- Refined curved surface, streamlined waist, fashion and stylish appearance, DE78AS new upgrading
- Ultra-large wide angle LCD backlight screen, reading at any angle without ghosting, newly updated experience
- Double certified ceramic fuse, full gear protection, intelligent burn-out proof, safety re-upgrade
- Non-contact measurement, 3 5/6 digits high-precision true RMS value, various options with full function

Product model	DE72	DEM76	DE78AS
DC voltage	200mV/2V/20V/200V/600V	400mV/4V/40V/400V/1000V	600mv/6v/60v/600v/1000V
AC voltage	200V/600V	4V/40V/400V/750V	6v/60v/600v/750V
DC current	200μA\2000μA\20mA/200mA/10A	400μA\4000μA\400mA/10A	60μA/6mA/60mA/600mA/20A
AC current	×	4000μA\40mA/400mA/10A	6mA/60mA/600mA/20A
Temperature measurement	×	-40~1000℃ : -40~1832° F	-40~1000℃ : -40~1832° F
Battery test	1.5V/9V/12V	×	×
Resistance measurement	200Ω/2KΩ/20KΩ/200KΩ/20MΩ	400Ω/4KΩ/40kΩ/400kΩ/ 4MΩ/40MΩ/400Ω/4KΩ/ 40kΩ/400kΩ/4MΩ/40MΩ	600Ω/6KΩ/60kΩ/ 600kΩ/6MΩ/600MΩ
Freq. measurement	×	9.999Hz/99.99Hz/999.9Hz/ 9.999kHz/99.99kHz/999.9kHz/9.9 99MHz	9.999Hz/99.99Hz/999.9Hz/9.999kHz/ 99.99kHz/999.9kHz/9.999MHz
Capacitance test	×	4nF/40nF/400nF/4μF/ 40μF/400μF/4mF/40mF	9.999nF/99.99nF/999.9nF/9.999μF/ 99.99μF/999.9μF/9.999mF/99.99mF
Duty factor	×	×	0.1%~99%
Diode testing	√	√	√
Transistor testing	×	1~1000hFE	√
On-off test	√	√	√
Auto range	×	×	×
Manual range	√	√	√
NCV	×	√	√
Max .and min. value records	×	×	×
Relative value measurement	×	√	√
Data hold	√	√	√
Backlit screen	√	√	√
Low voltage display	×	√	√
Mis-inserted meter pen sound and light alarm	×	×	√
Auto power off	√	√	√
Bits display	1999	3999	5999
Power mode	1.5V AAA batteries, 2 pcs	9V batteries, 1 pcs	9V batteries, 1 pcs
IP grade	IP20	IP20	IP20
Operating temperature	0° C~ 40° C, Relative humidity: <75%	0° C~ 40° C, Relative humidity: <75%	0° C~ 40° C, Relative humidity: <75%

## Clamp Meter



- True RMS measurement, to accurately measure various waveforms in real time
- AC dual-purpose, high-current measurement, complete functions, suitable for various applications
- Two-color backlit display, orange backlit high voltage warning, clear letters
- Flashlight lighting function, convenient use in back night or dark places
- Made of ABS material, with anti-drop and wear-proof, firm and durable performance
- NCV non-contact AC voltage detection, safer inspection, and more convenient operation

Function	DE66A	DE66B	DE66D	DE68	DE66E
DC voltage	√	√	√	√	√
AC voltage	√	√	√	√	√
DC current	√	√	√	√	√
AC current	√	√	√	√	√
Resistance measurement	√	√	√	√	√
Capacitance test	√	√	√	√	√
Frequency measurement	√	√	√	√	√
Duty cycle	√	√	√	√	√
Temp. (C / )	√	√	√	√	√
Max. count	4000 count	6000 count	6000 count	6000 count	6000 count
Auto/manual range	Auto	Auto	Auto	Manual / Auto	Manual / Auto
On-off test	√	√ (Sound and light alert)	√ (Sound and light alert)	√ (Sound and light alert)	√ (Sound and light alert)
Diode testing	√	√	√	√ (Beep alert)	√
Data hold	√	√	√	√	√
NCV non-contact voltage detection	×	√ (Sound and light alert)	√ (Sound and light alert)	√ (Sound and light alert)	√ (Sound and light alert)
Backlit screen	√	√	√	√	√
Flashlight	√	√	√	√	√
DCA ZERO function	×	×	√	√	√
Low voltage indicator	√	√	√	√	√
Full range protection	√	√	√	√	√
Auto power-off	√	√	√	√	√
True RMS value	√	√	√	√	√
Low-pass filtering	×	√	√	√	
MAX/MIN value measurement	√	√	√	√	√
LowZ	×	√	√	√	
VFD function	×	×	×	√	
INRUSH function	×	×	×	√	
REL (Relative value) measurement	×	×	×	√	√
VA display	×	×	×	√	√
Pliers jaw size	26mmX44mm	26mmX44mm	26mmX44mm	35mmX60mm	26mmX44mm
SMART function (AUTO)					√



## Non-Contact Electrical Test Pen



- Non-contact voltage detection, intelligent identification of zero line and live line, safe and reliable
- Adjustable high and low gear sensitivity, and lighting, suitable for different application
- High-definition LCD backlit display, with analog bar to intuitively display voltage signal strength
- Humanized pen holder, compact body, portable, and more convenient use
- ABS hard rubber material, with high strength transparent protective cover

Spec.	Packed qty. (pcs)	Order code
DHCETPDE28	100	Non-contact electric test pen with illumination DE28 NCV
DHFDE26A	100	Non-contact electric test pen with dual sensitivity DE26 NCV

## Infrared Thermometer



- Temperature sensor imported from Germany, with high quality industrial probe;
- Precision injection mold, anti-fall and anti-slip
- Eight-point laser, quick positioning, one-key measurement
- -50°C~590°C temperature measurement
- Non-contact temperature measurement, safer and more convenient

Spec.	Packed qty. (pcs)	Order code
Infrared thermometer multi-point, emissivity adjustable -40~600°C	30	DHFCWYDE30A





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