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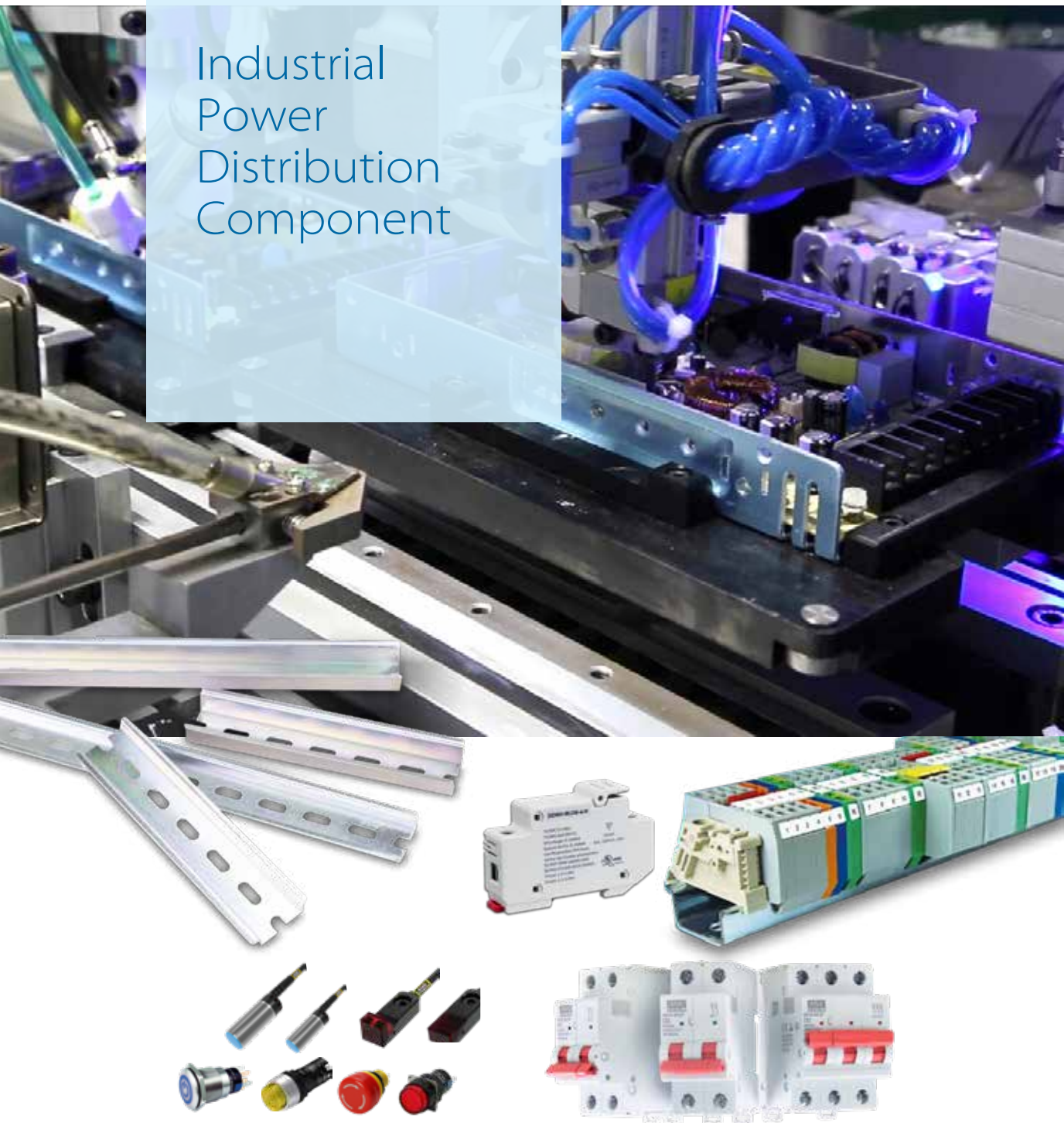
About PowerNex Precision Technology

PowerNex Precision Technology is a one-stop shopping platform for power supply complements which adheres to the “Reliable Partners Sustainable Development” of SDG Group and integrated the global supply chain and worldwide distributors. PowerNex Precision Technology consolidates MEAN WELL 10,000 plus standard models and its global logistic system collaborated with supply chain partners by dual branding strategy, low Minimum Order Quantity (MOQ) and 245 authorized distributors to fulfil customers' demands for power supply components.

To become a reliable partner of the power supply components industries, the mission of PowerNex Precision Technology is to create a win-win value for the whole industry chain of power supply and components. PowerNex Precision Technology takes “sincerity, quality, speed, service” as the corporate philosophy. We aim to cooperate with global supply chain partners, distributors and customers to develop the “reliable partners, sustainable development” relationship and co-enlarge the SDG industry value network.



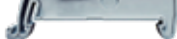
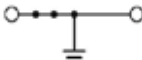
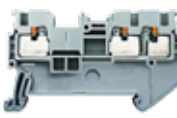
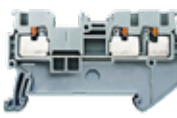
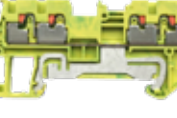
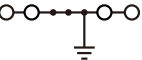
Industrial Power Distribution Component

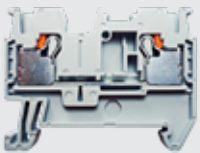
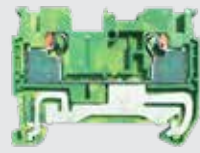
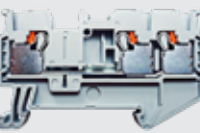
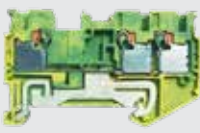
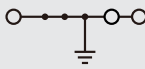
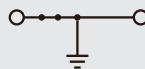
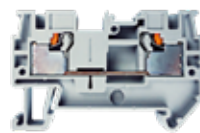
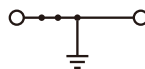
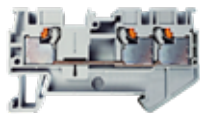
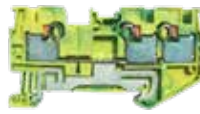
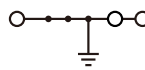
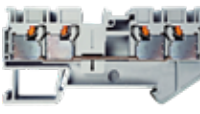


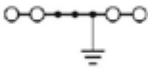
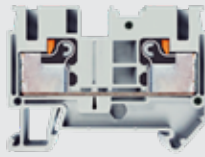
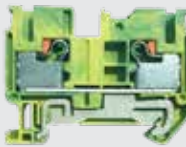
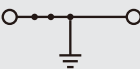
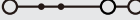
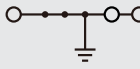
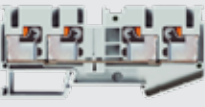
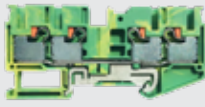
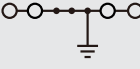
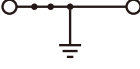
Features

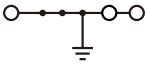
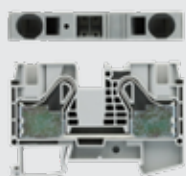
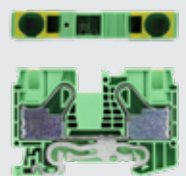
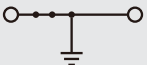
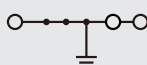
- Space-saving design / Front connection
- Vibration-proof anti-loosening wire connection with pre-stressed spring clamp
- Easy to operate, fast wiring installation with top wire entry
- Corrosion-proof terminal points
- Easy mounting and dismounting from the terminal rail
- Low contact resistance
- Easy for the extension of terminal connection
- Easy handling and safe connection
- Connecting without tools is easy and time-saving
- Colored platens ensure safety connections and operations

Single Layer DIN Rail Terminal Blocks

Part No.	Photo	Insertion Hole (mm ²)	Connection Type	Color	Safety
DPT1.5		1.5		Dark Gray	CE 
DPT1.5GN				Green	CE 
DPT1.5-PE		1.5		Green Mixed Yellow	CE 
DPT1.5/3				Dark Gray	CE 
DPT1.5/3GN		1.5		Green	CE 
DPT1.5/3-PE				Green Mixed Yellow	CE 
DPT-1.5/4		1.5		Dark Gray	CE 
DPT1.5/4GN				Green	CE 
DPT1.5/4-PE		1.5		Green Mixed Yellow	CE 

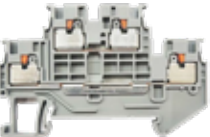
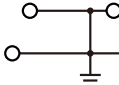
Part No.	Photo	Insertion Hole (mm ²)	Connection Type	Color	Safety
DPT2.5		2		Dark Green	CE 
DPT2.5GN				Green	CE 
DPT2.5-PE		2.5		Green Mixed Yellow	CE 
DPT2.5/3		2.5		Dark Gray	CE 
DPT2.5/3GN				Green	CE 
DPT2.5/3-PE		2.5		Green Mixed Yellow	CE 
DPT2.5/4		2.5		Dark Gray	CE 
DPT2.5/4GN				Green	CE 
DPT2.5/4-PE		2.5		Green Mixed Yellow	CE 
DPT4		4		Dark Gray	CE 
DPT4GN				Green	CE 
DPT4-PE		4		Green Mixed Yellow	CE 
DPT4/3		4		Dark Gray	CE 
DPT4/3GN				Green	CE 
DPT4/3-PE		4		Green Mixed Yellow	CE 
DPT4/4		4		Dark Gray	CE 
DPT4/4GN				Green	CE 

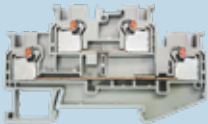
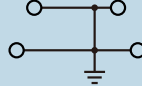
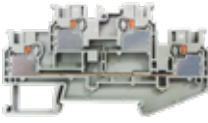
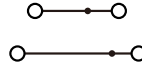
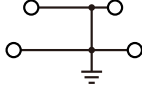
Part No.	Photo	Insertion Hole (mm ²)	Connection Type	Color	Safety
DPT4/4-PE		4		Green Mixed Yellow	CE 
DPT6		6		Dark Gray	CE 
DPT6GN				Green	CE 
DPT6-PE		6		Green Mixed Yellow	CE 
DPT6/3		6		Dark Gray	CE 
DPT6/3GN				Green	CE 
DPT6/3-PE		6		Green Mixed Yellow	CE 
DPT6/4		6		Dark Gray	CE 
DPT6/4GN				Green	CE 
DPT6/4-PE		6		Green Mixed Yellow	CE 
DPT10		10		Dark Gray	CE 
DPT10GN				Green	CE 
DPT10-PE		10		Green Mixed Yellow	CE 
DPT10/3		10		Green	CE 

Part No.	Photo	Insertion Hole (mm ²)	Connection Type	Color	Safety
DPT10/3GN		10		Green	CE 
DPT10/3-PE		10		Green Mixed Yellow	CE 
DPTN16		16		Dark Gray	CE 
DPTN16GN		16		Green	CE 
DPTN16-PE		16		Green Mixed Yellow	CE 
DPTN16/3		16		Dark Gray	CE 
DPTN16/3GN		16		Green	CE 
DPTN16/3-PE		16		Green Mixed Yellow	CE 

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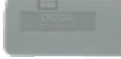
Double Layer DIN Rail Terminal Blocks

Part No.	Photo	Insertion Hole (mm ²)	Connection Type	Color	Safety
DPTTB1.5		1.5		Dark Gray	CE 
DPTTB1.5GN		1.5		Green	CE 
DPTTB1.5-PE		1.5		Green Mixed Yellow	CE 

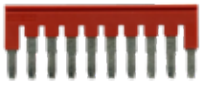
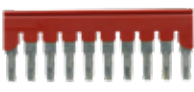
Part No.	Photo	Insertion Hole (mm ²)	Connection Type	Color	Safety
DPTTB2.5		2.5		Dark Gray	CE 
DPTTB2.5GN				Green	CE 
DPTTB2.5-PE		2.5		Green Mixed Yellow	CE 
DPTTB4		4		Dark Gray	CE 
DPTTB4GN				Green	CE 
DPTTB4-PE		4		Green Mixed Yellow	CE 

Mounting Accessories of DPT Series

DECA

Part No.	Product Name	Photo	Applicable DIN Rail Terminal Series
SEW35-1	End Bracket		All type
DD-PT1.5-D	End Plate		DPT1.5
DD-PT1.5/3-D	End Plate		DPT1.5/3
DD-PT1.5/4-D	End Plate		DPT1.5/4
DD-PT2.5-D	End Plate		DPT2.5
DD-PT2.5/3-D	End Plate		DPT2.5/3
DD-PT2.5/4-D	End Plate		DPT2.5/4

Part No.	Product Name	Photo	Applicable DIN Rail Terminal Series
DD-PT4-D	End Plate		DPT4
DD-PT4/3-D	End Plate		DPT4/3
DD-PT4/4-D	End Plate		DPT4/4
DD-PT6-D	End Plate		DPT6
DD-PT6/3-D	End Plate		DPT6/3
DD-PT6/4-D	End Plate		DPT6/4
DD-PT10-D	End Plate		DPT10
DD-PT10/3-D	End Plate		DPT10/3
DD-PTN16-D	End Plate		DPTN16
DD-PTN16/3-D	End Plate		DPTN16/3
DD-PTTB1.5-D	End Plate		DPTTB1.5
DD-PTTB2.5-D	End Plate		DPTTB2.5
DD-PTTB4-D	End Plate		DPTTB4

Part No.	Product Name	Photo	Applicable DIN Rail Terminal Series
ODFBS10-3.5	Comb link		DPT1.5 DPT1.5/3 DPT1.5/4
ODFBS10-5	Comb link		DPT2.5 DPT2.5/3 DPT2.5/4
ODFBS10-6	Comb link		DPT4 DPT4/3 DPT4/4
ODFBS10-8	Comb link		DPT6 DPT6/3
ODFBS2-10	Comb link		DPT10
ODFBS2-12	Comb link		DPTN16, DPTN16/3
DUC-TM3.5	Marking tags		DPT1.5 DPT1.5/3 DPT1.5/4
DUC-TMF3.5	Marking tags		DPT1.5 DPT1.5/3 DPT1.5/4
DUC-TM5	Marking tags		DPT2.5 DPT2.5/3 DPT2.5/4
DUC-TMF5	Marking tags		DPT2.5 DPT2.5/3 DPT2.5/4
DUC-TM6	Marking tags		DPT4 DPT4/3 DPT4/4
DUC-TMF6	Marking tags		DPT4 DPT4/3 DPT4/4
DUC-TM8	Marking tags		DPT6 DPT6/3

Part No.	Product Name	Photo	Applicable DIN Rail Terminal Series
DUC-TM10	Marking tags		DPT10
DUC-TMF10	Marking tags		DPT10
DUC-TM12	Marking tags		DPTN16 DPTN16/3
DUC-TMF12	Marking tags		DPTN16 DPTN16/3

Grounding Copper Busbar

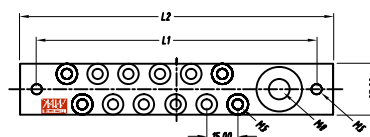
Features excellent conductivity, corrosion resistance, structural stability, easy installation and maintenance, as well as diverse sizes and specifications, ensuring the safe operation of equipment and system stability. Its function is to introduce the current in the system into the ground through grounding equipment, reducing leakage current and contact voltage to protect user safety. The maximum withstand current of the product is 250A for the double-row type, with material made of tin-plated red copper and fixing seat material of PA66, all meeting ROHS environmental requirements. Manufactured in Taiwan, it can be applied in factory equipment, building construction, commercial applications, transportation, energy systems, and more.

Features

- Excellent conductivity material and superior corrosion-resistant surface
- Diverse sizes and specifications can meet various installation applications and requirements
- Material of support insulator:
6410G5 PA66 flame retardant (NAN YA PLASTICS CORP.), UL 94 V0 grade
- Number of poles: 5P, 7P, 9P, 11P, 13P, 15P, 17P, 19P, 21P, 23P, 25P, 27P



Illustration (dimension) ►

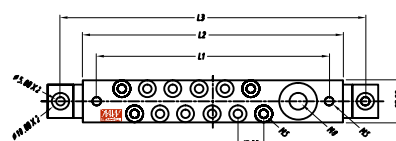


Part No.	Hole Spacing L1 (±2mm)	Length L2 (±2mm)	Size (W ±2 x T ±0.2 mm)	Maximum Current (Max.)	Safety
CU25003T-005	75mm	91mm			
CU25003T-007	90mm	106mm			
CU25003T-009	105mm	121mm	25W (Width)		
CU25003T-011	120mm	136mm	x	250A	
CU25003T-013	135mm	151mm	3T (Thickness)		
CU25003T-015	150mm	166mm	mm		
CU25003T-017	165mm	181mm			
CU25003T-019	180mm	196mm			

Part No.	Hole Spacing L1 (±2mm)	Length L2 (±2mm)	Size (W ±2 x T ±0.2 mm)	Maximum Current (Max.)	Safety
CU25003T-021	195mm	211mm	25W x 3T mm	250A	
CU25003T-023	210mm	226mm			
CU25003T-025	225mm	241mm			
CU25003T-027	240mm	256mm			



Illustration (dimension) ►



Part No.	Hole Spacing L1 (±2mm)	Length L2 (±2mm)	Add N Phase Terminal (±2mm)	Size (W ±2 x T ±0.2 mm)	Maximum Current (Max.)	Safety
CU25003T-005N	75mm	91mm	117mm	25W x 3T mm	250A	
CU25003T-007N	90mm	106mm	132mm			
CU25003T-009N	105mm	121mm	147mm			
CU25003T-011N	120mm	136mm	162mm			
CU25003T-013N	135mm	151mm	177mm			
CU25003T-015N	150mm	166mm	192mm			
CU25003T-017N	165mm	181mm	207mm			
CU25003T-019N	180mm	196mm	222mm			
CU25003T-021N	195mm	211mm	237mm			
CU25003T-023N	210mm	226mm	252mm			
CU25003T-025N	225mm	241mm	267mm			
CU25003T-027N	240mm	256mm	282mm			

DIN Rail T35 Zinc Plated Steel

The TS35mm DIN Rail is widely used as a standard bracket, which can quickly mounted the rail type terminal blocks, power supplies, circuit breakers, fuse holders, relays and industrial control components in control cabinets and distribution boxes. Vibration proof and anti-loosening due to high intensity connection.

Features

- Unique appearance design with environmental-friendly zinc plating and corrosion-resistant
- SPCC steel material that prevent distortion
- Precision by stamping process, no sharp edges for hand injury

Part No.	Photo	Applicable Models	Report
TS35/7.5-75		All DIN Rail type power supplies and DIN Rail terminals	 
TS35/7.5-150			
TS35/7.5-200			
TS35/7.5-300			
TS35/7.5-1000			
TS35/7.5-1000-AL			
TS35/15-150			
TS35/15-200			
TS35/15-300			
TS35C-7.5		End Cap for TS35-7.5 Series	
TS35C-15		End Cap for TS35-15 Series	

Rectangular Type Inductive Proximity Sensor

The Inductive Proximity Sensor usually used to detect conductors such as metals (iron, aluminum, copper and others). It can convert the movement information or presence information of the detected object into electrical signals. Advantages of inductive proximity sensors includes: Sensing in a non-contact manner, which will not wear out or damage the detection object; product life is longer; suitable to use even there is oil, dirt or water on the detecting object; response speed is faster and not affected by the surface color of the detected object.

Features

- Front/Top surface sensing available design fits for limited space
- Single screw hole fixing; metal housing, compact and durable (Anti-locking, no deformation of the body due to excessive torque or slight impact)
- Small dimension, good installation (8.5x5.5x24mm, suitable for narrow space sensing)
- Anti-interference, more installation methods (When detecting, it won't be affected by the surrounding iron blocks and cause misjudgment)

Part No.	Photo	Dimensions (W x L)	Sensing Distance / Switching Frequency	Working Voltage/ Consumption Current	Safety
JM02-N		8.5x25mm	2 mm $\pm 10\%$ / 1000 Hz	DC12 ~ 30 V / ≤ 8 mA no-load	CE 
JM02-P		8.5x25mm	2 mm $\pm 10\%$ / 1000 Hz	DC12 ~ 30 V / ≤ 8 mA no-load	CE 
JMD02-N		8.5x25mm	2 mm $\pm 10\%$ / 1000 Hz	DC12 ~ 30 V / ≤ 8 mA no-load	CE 
JMD02-P		8.5x25mm	2 mm $\pm 10\%$ / 1000 Hz	DC12 ~ 30 V / ≤ 8 mA no-load	CE 
JM04-N3		12x30.5mm	4 mm $\pm 10\%$ / 700 Hz	DC12 ~ 30 V / ≤ 8 mA no-load	CE 
JM04-P3		12x30.5mm	4 mm $\pm 10\%$ / 700 Hz	DC12 ~ 30 V / ≤ 8 mA no-load	CE 
JMD04-N3		12x30.5mm	4 mm $\pm 10\%$ / 700 Hz	DC12 ~ 30 V / ≤ 8 mA no-load	CE 
JMD04-P3		12x30.5mm	4 mm $\pm 10\%$ / 700 Hz	DC12 ~ 30 V / ≤ 8 mA no-load	CE 

Tubular Anti-bending Type Inductive Proximity Sensor

The Inductive Proximity Sensor usually used to detect conductors such as metals (iron, aluminum, copper and others). It can convert the movement information or presence information of the detected object into electrical signals. Advantages of inductive proximity sensors includes: Sensing in a non-contact manner, which will not wear out or damage the detection object; product life is longer; suitable to use even there is oil, dirt or water on the detecting object; response speed is faster and not affected by the surface color of the detected object.

Features

- Special line-out design for bending resistance and tensile (it will upgrade the durability and life)
- The IP67 rating is designed to the effective waterproof
- NP series 4-in-one output (PNP: NO/NC, NPN: NO/NC)
- Compared with the same model, the exposed sensor has a longer detection distance

Part No.	Photo	Dimensions (W x L)	Sensing Distance / Switching Frequency	Working Voltage / Consumption Current	Safety
PSC0801-NP		14.8x66mm	1 mm $\pm$ 10% / 500 Hz	DC12 ~ 30 V $\leq$ 8 mA no-load	CE 
PSC0802-NP		14.8x66mm	2 mm $\pm$ 10% / 500 Hz	DC12 ~ 30 V $\leq$ 8 mA no-load	CE 
PSD1202-NP		17x40mm	2 mm $\pm$ 10% / 500 Hz	DC12 ~ 30 V $\leq$ 14 mA no-load	CE 
PSD1205-NP		17x40mm	5 mm $\pm$ 10% / 500 Hz	DC12 ~ 30 V $\leq$ 14 mA no-load	CE 
PSC1202-NP		17x80.5mm	2 mm $\pm$ 10% / 800 Hz	DC12 ~ 30 V $\leq$ 14 mA no-load	CE 
PSC1205-NP		17x80.5mm	5 mm $\pm$ 10% / 500 Hz	DC12 ~ 30 V $\leq$ 14 mA no-load	CE 
PSD1805-NP		24x36.4mm	5 mm $\pm$ 10% 600 Hz	DC12 ~ 30 V $\leq$ 14 mA no-load	CE 
PSD1808-NP		24x36.4mm	8 mm $\pm$ 10% 600 Hz	DC12 ~ 30 V $\leq$ 14 mA no-load	CE 
PSC1805-NP		24x75.5mm	5 mm $\pm$ 10% 600 Hz	DC12 ~ 30 V $\leq$ 14 mA no-load	CE 
PSC1808-NP		24x75.5mm	8 mm $\pm$ 10% 600 Hz	DC12 ~ 30 V $\leq$ 14 mA no-load	CE 
PSC3010-NP		36x80.3mm	10mm $\pm$ 10% 300 Hz	DC12 ~ 30 V $\leq$ 16 mA no-load	CE 
PSC3018-NP		36x80.3mm	18mm $\pm$ 10% 300 Hz	DC12 ~ 30 V $\leq$ 16 mA no-load	CE 

Features

- Solid housing design for operator and contact block to reduce installation space
- Complete type with 16mm & 22mm version
- IP66 protection rating
- With anti-rotation latch design on the operator
- Tighten or disassemble the fixing nut by hand tools or finger freely
- PUSH-IN quick wiring design
- Single contact and double wiring holes design, capable of solid wire, strand wire and European terminal wiring
- New partition and spring structure design, increase the wire holding force and stability
- The contact blocks and lamp holders are distinguished by color which is clearly recognizable
- Waterproof Silicon Sleeve: Provides IP66 protection for the contact under the mounting panel

Emergency Switch

Part No.	Photo	Assembly Hole (mm ²)	Operator	Contact	Light	Wiring	IP Level	Safety
CP2E-BVExR		22	Pushlock turn / Pull to reset	1NO 1NC 2NO 2NC 1N01NC	None	Push-in	66	  
CP2E-LVExxR				1NO 1NC	Red Light 24V			
E1E19-F620RA-F41 E1E19-F620RA-F42		16	Pushlock turn / Pull to reset	2NC 1NC 2NC 1NC	None	Soldering	65	   
E1E19-F620RM-F41 E1E19-F620RM-F42		16	Pushlock turn / Pull to reset	2NC 1NC 2NC 1NC	None	Soldering	65	   
ADA16E6-R11-x1K/R		16	Pushlock turn / Pull to reset	2NC 1N01NC 1NC	Red Light 24V	Soldering	65	   

Push Switch

Part No.	Photo	Assembly Hole (mm²)	Operator	Features	Contact	Light	Wiring	IP Level	Safety
C1S01-R121x		16	Maintained	Round (Red, Green, Blue, Yellow)	1N01NC	None	Solder- ing	65	   
C1S02-R121x			2N02NC						
			1N01NC						
			2N02NC						
C1S01-R12Kx		16	Maintained	Round (Red, Green, Blue, Yellow)	1N01NC	24V with light	Solder- ing	65	   
C1S02-R12Kx			2N02NC						
			1N01NC						
			2N02NC						
CP24B-M2Exxx		22	Momentary	Round red with metal bezel	1NO 1NC 2NO 2NC 1N01NC	None	Push- in	66	  
				Round green with metal bezel					
				Round blue with metal bezel					
				Round yellow with metal bezel					

Part No.	Photo	Assembly Hole (mm ²)	Operator	Features	Contact	Light	Wiring	IP Level	Safety
CP24B-A2Exxx		22	Maintained	Round red with metal bezel	1NO 1NC 2NO 2NC 1N01NC	None	Push-in	6 6	  CE
				Round green with metal bezel					
				Round blue with metal bezel					
				Round yellow with metal bezel					

CP24L-M2BExxx		22	Maintained	Round (Red, Green, Blue, Yellow) with metal bezel	1NO 1NC 2NO 2NC 1N01NC	24V with light	Push-in	6 6	  CE
									
									
									

CP24L-A2BExxx		22	Maintained	Round (Red, Green, Blue, Yellow) with metal bezel	1NO 1NC 2NO 2NC 1N01NC	24V with light	Push-in	6 6	  CE
									
									
									

Key Selector Switch

Part No.	Photo	Assembly Hole (mm²)	Operator	Features	Contact	Light	Wiring	IP Level	Safety
C1Cx-R5xxx-x		16	2 Positions -45°~ +45° Maintained	Round & Blue color	1N01NC 2N02NC 1N01NC 2N02NC	None 24V with light	Soldering	65	   
CP24S-2Exx		22	2 Positions -45°~ +45° Maintained	Round & Blue color (Metal bezel)	1N01NC 2N0 2NC	None	Push-in	66	  
CP24F-2E1xxx				Round & Yellow color (Metal bezel)	1N0 1NC	24V with light			

Metal Switch

Part No.	Photo	Assembly Hole (mm²)	Operator	Features	Contact	Light	Wiring	IP Level	Safety
F12S1-x214xFS		16	Maintained	Round with Power Logo	1N01NC	24V Green light 24V Blue light	Soldering	67	   
F24S1-x2GxxxFx		19	Maintained	Round with Power Logo	1N01NC	24V Green light 24V Blue light	Soldering	67	   

Limit Switch

Part No.	Photo	Operator	Contact	Wiring	IP Level	Safety
SLZ-61		Lever length: R30.2mm	Current Rating: 15A 250V	Soldering	00	  

Pilot Light

Part No.	Photo	Assembly Hole (mm²)	Features	Light	Wiring	IP Level	Safety
C1P01-R1xxx-x		16	Round (Red, Green, Blue, Yellow)	24V with light	Soldering	65	   
CP24P-3Exx		22	Round (Red, Green, Blue, Yellow) (Metal bezel)	24V with light	Push-in	66	  

Buzzer

Part No.	Photo	Assembly Hole (mm²)	Features	Contact	Wiring	IP Level	Safety
ADP16B4-0R00140		16	Round & Black color (Continuous Tone)	3A 24V, 80dB	Soldering	40	
ADP16B4-0R00240			Round & Black color (Intermittent Tone)				
CP2Z-4TxExxx		22	Round & Red color (Continuous Tone)	3A 24V, 80dB	Push-in	40	

Waterproof Connector

Part No.	Photo
CJ04-1	
CJ04-2	

Fuse



Part No.	Photo	Applicable Range
WJ30-4+WJ30H		- WJ30 Series: Suitable for overcurrent protection applications such as solar cell power generation systems, industries and equipmentWJ - WJ30H Series: Fuse Holder for PV Fuses (Designed to UL 4248-19, and the agency ratings up to 1500Vdc)

Miniature Circuit Breaker



Part No.	Photo	Rated Short-Circuit Breaking Capacity	Polar	Instantaneous Tripping Characteristic	Rated Current (A)	Rated Working Voltage	Dimensions (HxWxD)	Safety
MCB-6K2P-C10		6KA	2P	C	10	AC400 415V	81.5×36×72mm	
MCB-6K2P-C16					16			
MCB-6K2P-C32					32			
MCB-6K2P-C63					63			
MCB-6K2P-D10		6KA	2P	D	10	AC400 415V	81.5×36×72mm	
MCB-6K2P-D16					16			
MCB-6K2P-D32					32			
MCB-6K2P-D63					63			
MCB-6K3P-D16		6KA	3P	D	16	AC400 415V	81.5×54×72mm	
MCB-6K3P-D20					20			
MCB-6K3P-D32					32			
MCB-6K3P-D40					40			
MCB-6K3P-D63					63			

Switching Power Supply Accessories



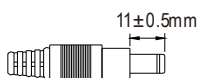
DC Changeable Plug

Features

- Flexible solution for small quantity
- Easy modification for different size of DC plug
- Off-the-shelf and no MOQ
- Suitable for: NGE12~90 series, GST18~360 series, GSM18~220 series, OWA-60~200U/E series

P1J

Pin Assignment



Outside ⊖ ⊕ Inside



※ Optional DC plug: (Available in customized cable or quick adapter)

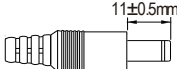
Tuning Fork Style (male)	Part No.	A OD	B ID	C L
 (Right-angled) (Straight)	P1I	5.5	2.1	9.5
	P1L	5.5	2.5	9.5
	P1M	5.5	2.5	11
	P1IR	5.5	2.1	9.5
	P1JR	5.5	2.1	11
	P1LR	5.5	2.5	9.5
	P1MR	5.5	2.5	11

Min. Pin Style (male)	Part No.	A OD	B ID	C L
 EIAJ equivalent	P3A	2.35	0.7	11
	P3B	4	1.7	11
	P3C	4.75	1.7	11

Center Pin Style (male)	Part No.	A OD	B ID	C L
 EIAJ equivalent	P4A	5.5	3.4	1
	P4B	6.55	4.4	1.4
	P4C	7.4	5.1	0.6

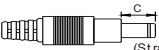
Female Jack to USB Type C Male Connector	Part No.	Pin Assignment
 	USBC	

Min. DIN 3 Pin with Lock (male)	Part No.	Pin Assignment	
		PIN No.	Output
  	R6B	1	+Vo
		2	-Vo
		3	+Vo
Min. DIN 4 Pin with Lock (male)	Part No.	Pin Assignment	
		PIN No.	Output
  	R7B	1	+Vo
		2	-Vo
		3	-Vo
		4	+Vo
DIN 5 Pin (male)	Part No.	Pin Assignment	
		PIN No.	Output
  	R1B	1	COM
		2	COM
		3	+5VDC
		4	-Vout
		5	+Vout

P1M	Pin Assignment	
  	 C "+" Outside  Inside -V not connected to AC FG	



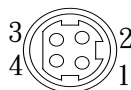
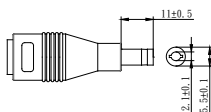
※ Optional DC plug: (Available in customized cable or quick adapter)

Tuning Fork Style (male)	Part No.	A OD	B ID	C L
 	P1J	5.5	2.1	11
	P1JR	5.5	2.1	11
 (Right-angled)  (Straight)	P1MR	5.5	2.5	11

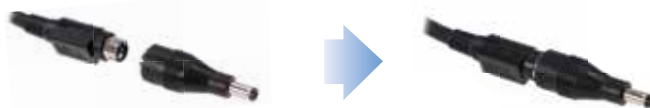
Min. DIN 4 Pin with Lock (male)	Part No.	Pin Assignment	
		PIN No.	Output
  	R7B	1	+Vo
		2	-Vo
		3	-Vo
		4	+Vo

R7BF

Pin Assignment

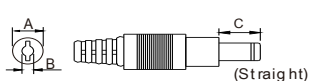


Pin 1, 4 (+)
Pin 2, 3 (-)



※ Optional DC plug: (Available in customized cable or quick adapter)

Min. DIN 4 Pin with Lock (female)	Part No.	A OD	B ID	C L
	P1J	5.5	2.1	11
	P1M	5.6	2.6	12

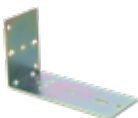
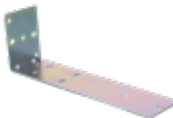
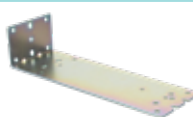
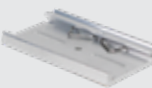
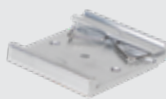


Terminal Block Cover

Part No.	Photo	Spec.	Applicable MEAN WELL Models
TBC-02-DG			NSP-75 NSP-100
TBC-03-DG			NSP-75 NSP-100
TBC-03		DG36S	NSP-150, NSP-200, NSP-320, NSP-500, NSP-750, NSP-1000
TBC-04			NSP-150, NSP-200, NSP-320
TBC-05			SD-50 RS-35/ 50/75
TBC-07			RD-50 RD/RID-65 RD-85/125 RS-100/150 SD-100/150 RSP-100/150 LRS-100/150(F)
TBC-08		T44-BS1Rxx3701-A	AD-155 ADD/ADS-155
TBC-09			RSP-200/300 LRS-200/350

TBC is the cover
for terminal block

Metal Mounting Brackets & Accessories

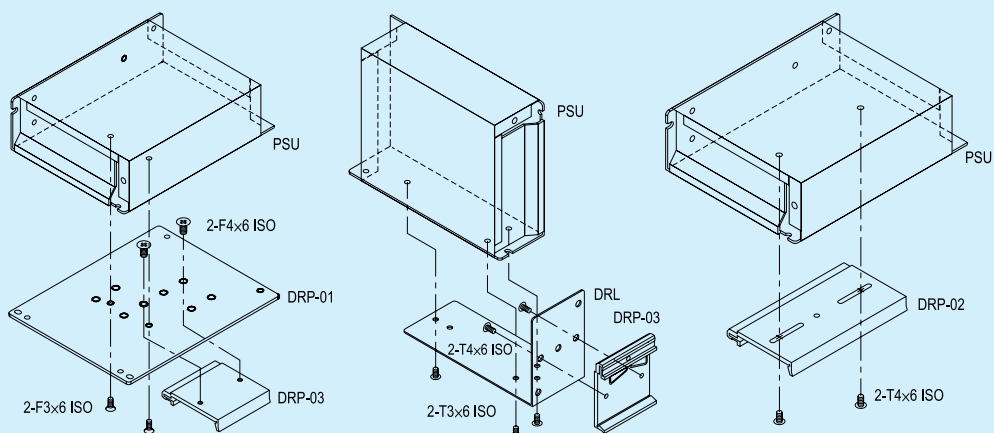
Part No.	Photo	Case No.	Applicable Models	Safety
DRL-01		238, 239, 240 903, 905, 931 932, 971	LRS-35/50/75/100 RS-25 RS-35 RS-15	
DRL-02		241 901, 902, 906 915, 916, 920	LRS-150/150F SD-100/150	
DRL-03A		980 987	SP-240 HRP(G)-300	
DRP-01		238, 239, 241 901, 902 903, 906 931, 932, 946	LRS-35/50/100/150/150F All models	
DRP-01A		203, 205 978, 999	RSD-100/150/200/300	
DRP-02		240 905, 915, 916, 920, 928	LRS-75	
DRP-03		DRP-01 DRL-01~03	All models	
DRP-04		203, 205 978, 999	RSD-100/150/200/300	
DRP-14		214 979 984	EDR/ NDR/ SDR/ TDR -240/ 480/ 960	
DRP-14A		214 CMU2	CMU2/ SDR-960/ TDR -960	
DRP-15		221 979, 984, 992	EDR/ NDR/ SDR/ TDR -75/ 120	
DRP-17		301	XDR-75/ XDR-120/ XDR-150	



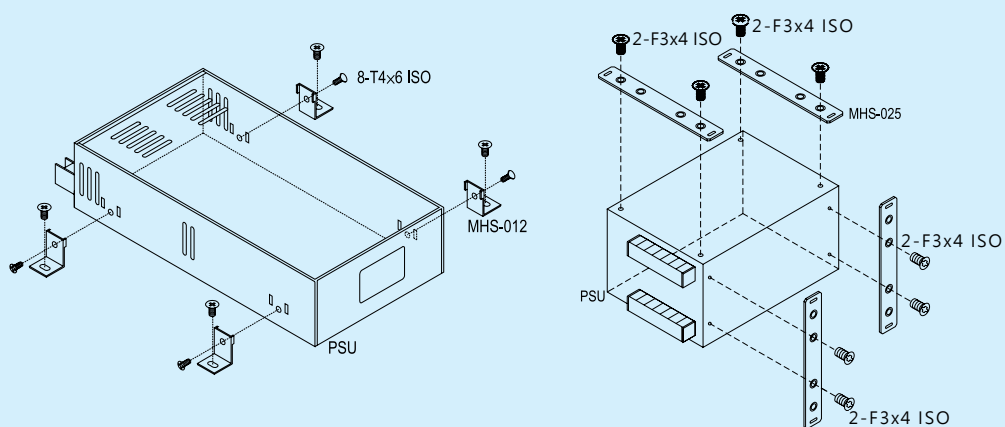
Part No.	Photo	Case No.	Applicable Models	Safety
MHS012		206, 207, 215A 912, 915, 916, 935, 939, 940 977, 980, 982, 986, 987, 995	HDP-190/ 240 RSP-150/ 200/ 320/ 500 RSP-2400/ 3000 SE-450/ 1000 MP450/ 650/ 1000 HRP-300/ 450/ 600 LRS-200/ 350/ 450/ 600 LRS-350N2/ 600N2	
MHS012D		287	NPB-120/240/360	
MHS012LRS		207, 207A, 291, 292	LRS-200/ 200N2 350/ 350N2 450/ 600/ 600N2	
MHS013		919, 926	SP-750 SE-600	
MHS013A		250 256 296 294	RSP-1600/ RPB-1600 RCP-1600/ RCB-1600 DPU-3200/ DRP-3200 NSP-1600/ NSP-3200	
MHS014		212 952	RSP-750 RSP-1000 SD-1000	
MHS025		910	PSP-600 SP-500 PSPA-1000	
MHS026		943	RSP-1500 / RST-7K5 / RST-15K / RST-10000 / BIC-5K / ERG-5000 / NTN-5K / SHP-30K	
MHS027		971, 931	RS12 RS25	

Installation Diagram

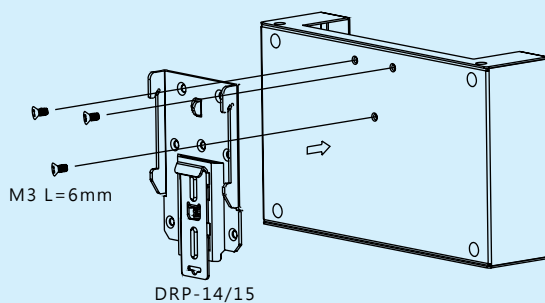
DRL/DRP series



MHS series



DRP series



EMI Magnetic Core

Part No.	Photo	Impedance (min)/ Test Frequency Z1	Impedance (min)/ Test Frequency Z2	Test Winding	Dimensions (ODx IDx L)	Safety
RH105055200		50Ω 25 MHz	110Ω 100 MHz	ψ0.5mm *100mm 1/2TS	10.5x5.5x20.0mm	
RH140090150		30Ω 25 MHz	80Ω 100 MHz	ψ0.5mm *100mm 1/2TS	14.0x9.0x15.0mm	 
RH175095285		80Ω 25 MHz	160Ω 100 MHz	ψ0.65mm *100mm 1/2TS	17.5x9.5x28.5mm	

Wire & Cable





AC Power Cord

Features

- Flexible solution for small quantity
- Easy modification for different size of DC plug
- Off-the-shelf and no MOQ

Part No.	Photo	Description	Length	Voltage Current	Safety
YP12+YC12		SVT 18AWG/3C 105°C	1.8m	125V 10A	CE UL 152635
YP21A+YC13		H03VVH2-F 0.75mm ² /2C 70°C	1.8m	250V 2.5A	CE DE 40022312
YP22+YC12		H05VV-F 0.75mm ² /3C 70°C	1.8m	250V 10A	CE DE 4003878
YP11+YC13		SPT-2 18AWG/2C 105°C	1.8m	125V 7A	CE UL 152635
YP13+YC13		VFF 0.75mm ² /2C 60°C	1.8m	125V 7A	CE PSE JET

Part No.	Photo	Description	Length	Voltage Current	Safety
YP18+YC12		SJT 18AWG/3C 105°C	1.8m	125V 10A	  152635

YP35+YC12		H05VV-F 0.75mm ² /3C 70°C	1.8m	250V 10A	  17967
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YP61A+YC12		H05VV-F 0.75mm ² /3C 70°C	1.8m	250V 10A	  839
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Part No.	Photo	Description	Length	Voltage Current	Safety
EU1-MC13		H05VV-F 300/500V 0.75mm ² /3C 70°C	1.8M	250V 10A	   

US1-MC13		SVT 300V 18AWG/3C 105°C	1.8M	125V 10A	 E540195  
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CN1-MC13		RVV 300/500V 0.75mm ² /3C 70°C	1.5M	250V 10A	 
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USB 3.2 GEN2 Type C Cable

Features

- 5A 240W 48V PD3.1 Quick Charge
- 10Gbps Data Transfer Comply with USB 3.2 Gen2 standard
- 4K Ultra HD 4K/60fps video output function
- E-Marker Chip Avoid overheating, overcurrent, and overcharging
- Exceptional Durability 10000+ Bending Test
- Premium Aluminum Shield Anti-EMI

Part No.	Photo	Package	Safety
USB3.2 GEN2 TYPE C 10GB/5A/1M			CE

Battery



Lead Acid Battery

Features

- Multi-layer designed, prevent leakage
- Reliable exhaust venting valve design, will not ignite or explode internally when exposed to open flames during charging
- Maintenance-free, no need to replenish electrolytes during use
- Low self-discharge, $\leq 3\%/month$ @ $T_a=25^{\circ}C$
- Operating temperature for charging and discharging $-20\sim+55^{\circ}C$ (Refer to specifications for details)
- DJM series for industrial general-purposes: UPS backup power supplies, emergency lighting, fire alarms, monitoring security systems, industrial automation control, solar power generation systems, etc. FT series for communication systems, power systems, UPS backup power supplies, substation systems, etc.
- Certified by UL1989 / CE

Part No.	Photo	Description	Dimensions (WxLxD)	Safety
DJM1238		12V / 38AH	197x165x170mm (5525850 mm ³)	
DJM1265		12V / 65AH	348x167x178mm (10344648 mm ³)	
DJM12100		12V / 100AH	330x173x212mm (12103080 mm ³)	
FT12-40		12V / 40AH	277x106x222mm (6518364 mm ³)	
FT12-100		12V / 100AH	394x110x285mm (123351900 mm ³)	
FT12-150		12V / 150AH	551x110x288mm (17455680 mm ³)	

AC Fan DC Fan



AC Fan

Part No.	Photo	Description	Dimensions (WxLxD)	Voltage Current	Safety
CHACB1L-A-8025B		50HZ 2550±10%RPM 15.9CFM 2BALL	80x80x25mm	110V 0.26A	 E539302
CHACB2L-A-8025B		60HZ 2900±10%RPM 20.0CFM 2BALL		220V 0.26A	 E539302
CHACB1H-A-12038B		50HZ 2700±10%RPM 82CFM 2BALL	120x120x38mm	110V 0.6A	 E539302
CHACB2H-A-12038B		60HZ 3000±10%RPM 92CFM 2BALL		220V 0.26A	 E539302
CHACB1H-A-15050B		50HZ 2700±10%RPM 185CFM 2BALL	172x150x50mm	110V 0.6A	 E539302
CHACB2H-A-15050B		60HZ 3000±10%RPM 190CFM 2BALL		220V 0.6A	 E539302

DC Fan

Part No.	Photo	Description	Dimensions (WxLxD)	Voltage Current	Safety
CHA4012BH-10B		7000±10%RPM 9.35CFM 2BALL	40x40x10mm	12V 0.10A	 E539302  
CHA4012BH-W20D		9200±10%RPM 10.98CFM 2BALL	40x40x20mm	12V 0.10A	 E539302  
CHA6012BH-15D		5000±10%RPM 22.39CFM 2BALL	60x60x15mm	12V 0.17A	 E539302  
CHA6012BH-25C		4500±10%RPM 23CFM 2BALL	60x60x25mm	12V 0.08A	 E539302  
CHA8012BX-25B		3500±10%RPM 46.46CFM 2BALL	80x80x25mm	12V 0.37A	 E539302  
CHT8012BX-W25B		3500±10%RPM 46.46CFM 2BALL	80x80x25mm	12V 0.37A	 E539302  
CHT8012BX-W38C		15000±10%RPM 114.2CFM 2BALL	80x80x25mm	12V 5A	 E539302  

Part No.	Photo	Description	Dimensions (WxLxD)	Voltage Current	Safety
CHA4024BM-20D		9000±10%RPM 10.14CFM 2BALL	40x40x20mm	24V 0.10A	 E539302 
CHT4024BV-W28F		27000±10%RPM 34.99CFM 2BALL	40x40x28mm	24V 1.00A	 E539302
CHA6024BH-25D		8000±10%RPM 36.44CFM 2BALL	60x60x25mm	24V 0.25A	 E539302 
CHT6024BL-W38C		10000±10%RPM 37.73CFM 2BALL	60x60x38mm	24V 0.40A	 E539302
CHT8024BH-W25G		8300±10%RPM 92.03CFM 2BALL	80x80x25mm	24V 0.90A	 E539302 
CHA8024BL-38B		7500±10%RPM 106.60CFM 2BALL	80x80x38mm	12V 1.00A	 E539302

Distribution Box



Metal Distribution Box

Features

- Continuously welded seams Foam-in-place seamless gasket 120-degree opening heavy-duty industrial hinges
- IP66 protection rating against dust and water according to IEC 60529 & anti-collision according to IEC 62262 IK10
- RAL 7035 outdoor powder coating; gland plate on bottom
- Right hand opening; door interchangeable
- Custom cutouts available

Part No.	Dimensions (WxLxD)	Anti-collision Level	IP Level	Gland Plate	Lock Q'ty
FT 202015	200x200x150mm	IK10	66	ax1	1
FT 302015	300x200x150mm	IK10	66	ax1	1
FT 302515	300x250x150mm	IK10	66	ax1	1
FT 302520	300x250x200mm	IK10	66	ax1	1
FT 303015	300x300x150mm	IK10	66	bx1	1
FT 303020	300x300x200mm	IK10	66	bx1	1
FT 304015	300x400x150mm	IK10	66	ax2	1
FT 304020	300x400x200mm	IK10	66	cx1	1
FT 403015	400x300x150mm	IK10	66	bx1	1
FT 403020	400x300x200mm	IK10	66	bx1	1
FT 404020	400x400x200mm	IK10	66	ax1	1
FT 404030	400x400x300mm	IK10	66	ax1	1
FT 406020	400x600x200mm	IK10	66	bx1	1
FT 406030	400x600x300mm	IK10	66	bx1	1
FT 503020	500x300x200mm	IK10	66	ax2	2
FT 504020	500x400x200mm	IK10	66	cx1	2
FT 504025	500x400x250mm	IK10	66	cx1	2
FT 505020	500x500x200mm	IK10	66	cx1	2
FT 505025	500x500x250mm	IK10	66	cx1	2

Part No.	Dimensions (WxLxD)	Anti-collision Level	IP Level	Gland Plate	Lock Q'ty
FT 604020	600x400x200mm	IK10	66	cx1	2
FT 604030	600x400x300mm	IK10	66	cx1	2
FT 605025	600x500x250mm	IK10	66	cx1	2
FT 606020	600x600x200mm	IK10	66	dx1	2
FT 606025	600x600x250mm	IK10	66	dx1	2
FT 606030	600x600x300mm	IK10	66	dx1	2
FT 606040	600x600x400mm	IK10	66	dx1	2
FT 705020	700x500x200mm	IK10	66	cx1	2
FT 705025	700x500x250mm	IK10	66	cx1	2
FT 806020	800x600x200mm	IK10	66	dx1	2
FT 806030	800x600x300mm	IK10	66	dx1	2
FT 806040	800x600x400mm	IK10	66	dx1	2
FT 808025	800x800x250mm	IK10	66	cx2	2
FT 808030	800x800x300mm	IK10	66	cx2	2
FT 1006025	1000x600x250mm	IK10	66	dx1	3
FT 1006030	1000x600x300mm	IK10	66	dx1	3
FT 1006040	1000x600x400mm	IK10	66	dx1	3
FT 1008025	1000x800x250mm	IK10	66	cx2	3
FT 1008030	1000x800x300mm	IK10	66	cx2	3
FT 1206030	1200x600x300mm	IK10	66	dx1	3
FT 1206040	1200x600x400mm	IK10	66	dx1	2

Part No.	Dimensions (WxLxD)	Anti-collision Level	IP Level	Gland Plate	Lock Q'ty	Safety
ST202015	200x200x150mm	IK10	66	ax1	1	
ST203015	200x300x150mm	IK10	66	ax1	1	
ST253015	250x300x150mm	IK10	66	ax1	1	
ST253020	250x300x200mm	IK10	66	ax1	1	
ST303015	300x300x150mm	IK10	66	bx1	1	
ST303020	300x300x200mm	IK10	66	bx1	1	
ST304015	300x400x150mm	IK10	66	bx1	1	
ST304020	300x400x200mm	IK10	66	bx1	1	
ST305015	300x500x150mm	IK10	66	bx1	1	
ST305020	300x500x200mm	IK10	66	bx1	1	
ST403015	400x300x150mm	IK10	66	bx1	1	
ST403020	400x300x200mm	IK10	66	cx1	1	
ST404020	400x400x200mm	IK10	66	cx1	1	
ST405015	400x500x150mm	IK10	66	bx1	1	
ST405020	400x500x200mm	IK10	66	cx1	1	
ST405025	400x500x250mm	IK10	66	cx1	1	
ST406020	400x600x200mm	IK10	66	cx1	2	
ST406025	400x600x250mm	IK10	66	cx1	2	
ST406030	400x600x300mm	IK10	66	cx1	2	
ST505020	500x500x200mm	IK10	66	dx1	1	
ST505025	500x500x250mm	IK10	66	dx1	1	
ST506020	500x600x200mm	IK10	66	dx1	2	
ST506025	500x600x250mm	IK10	66	dx1	2	
ST507020	500x700x200mm	IK10	66	dx1	2	
ST507025	500x700x250mm	IK10	66	dx1	2	

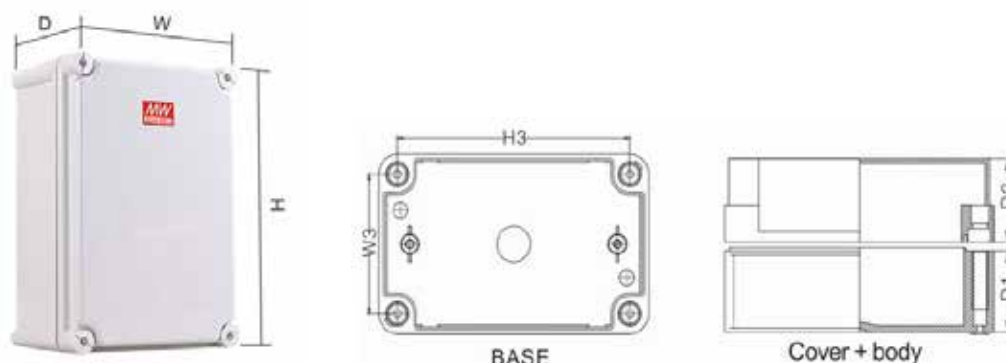
CE

Part No.	Dimensions (WxLxD)	Anti-collision Level	IP Level	Gland Plate	Lock Q'ty	Safety
ST604020	600x400x200mm	IK10	66	dx1	1	CE
ST604025	600x400x250mm	IK10	66	dx1	1	
ST604030	600x400x300mm	IK10	66	dx1	1	
ST606020	600x600x200mm	IK10	66	dx1	2	
ST606025	600x600x200mm	IK10	66	dx1	2	
ST606030	600x600x300mm	IK10	66	dx1	2	
ST606040	600x600x400mm	IK10	66	dx1	2	
ST608020	600x800x200mm	IK10	66	dx1	2	
ST608025	600x800x250mm	IK10	66	dx1	2	
ST608030	600x800x300mm	IK10	66	dx1	2	
ST6010020	600x1000x200mm	IK10	66	dx1	3	
ST6010025	600x1000x250mm	IK10	66	dx1	3	
ST6010030	600x1000x300mm	IK10	66	dx1	3	
ST6010040	600x1000x400mm	IK10	66	dx1	3	
ST6012020	600x1200x200mm	IK10	66	dx1	3	
ST6012030	600x1200x300mm	IK10	66	dx1	3	
ST6012040	600x1200x400mm	IK10	66	dx1	3	
ST705020	700x500x200mm	IK10	66	dx1	1	
ST705025	700x500x250mm	IK10	66	dx1	1	
ST808025	800x800x250mm	IK10	66	cx2	2	
ST808030	800x800x300mm	IK10	66	cx2	2	
ST8010025	800x1000x250mm	IK10	66	cx2	3	
ST8010030	800x1000x300mm	IK10	66	cx2	3	
ST8012030	800x1200x300mm	IK10	66	cx2	3	

Plastic Distribution Box

Features

- IP66 environmental-rated dust-tight and water-resistant and IK 9-rated impact-resistant
- Made of high-end PC (Polycarbonate) material with UL 94 5VA grade high-performance flame-retardant and suitable for outdoor use
- Applicable to ambient temperature -40°C ~ +80°C
- Comply with CE safety standards



Accessories



Plastic Mounting Plate



Wall brackets



Plastic Enclosure Screw

Part No.	Dimensions		Size		Anti-collision Level	IP Level	Safety
	WxHxD (mm)	D1+D2	W3	H3			
TJ-AG-0609	65x95x55	40+15	50	79	IK9	66	
TJ-AG-0811	80x110x70	50+20	62	92	IK9	66	
TJ-AG-0825	80x250x70	50+20	62	232	IK9	66	
TJ-AG-1212-S	125x125x75	55+20	105	105	IK9	66	
TJ-AG-1212	125x125x100	80+20	105	105	IK9	66	
TJ-AG-1217	125x175x75	50+25	109	157	IK9	66	
TJ-AG-1417	140x170x95	75+20	122	152	IK9	66	

Part No.	Dimensions		Size		Anti-collision Level	IP Level	Safety
	WxHxD (mm)	D1+D2	W3	H3			
TJ-AG-1520	150x200x100	80+20	132	182	IK9	66	CE
TJ-AG-1525	150x250x100	80+20	132	232	IK9	66	
TJ-AG-1717	175x175x75	50+25	157	157	IK9	66	
TJ-AG-2020	200x200x130	110+20	182	182	IK9	66	
TJ-AG-2819	280x190x130	80+32	255	165	IK9	66	
TJ-AG-3428	340x280x130	98+32	315	255	IK9	66	
TJ-AG-3828	380x280x130	98+32	355	255	IK9	66	

19" Rack Cabinet

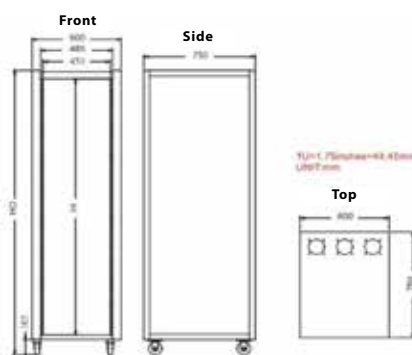


RA Series

RA series, the 19" industrial standard cabinets that heights range from 15U to 42U. It has been widely used with MEAN WELL's 3+N product line; there are also brackets, fixed shelves, vented rack panels, blanking panels and cooling fans and other accessories meet customer installation needs. The products are suitable for system power supplies, servers, audio visual control, monitoring systems and storage devices.

Features

- The surface coated with electrostatic powder, which is dust-proof, anti-oxidation, not easy to scratch, and resistant to acid and alkali
- There are no screw parts on the side panels of the cabinet, so as the upper and lower frames; keeps the overall appearance clean
- In order to increase the wiring space, the front width of the cabinet is increased to 600mm while the internal remains a standardized frame of 19 inches
- Three 4-inch module fans can be installed on the top of the cabinet; optional modules of 110V/220V for purchase & self-assemble (Standard cabinets are configured with blanking panels)
- Equipped with braked wheels and leveling screws to maintain the balance of the cabinet and prevent it from shaking



Part No.	Photo	Dimensions (HxWxD)	Place of Production	Load	Safety
RA-15U-750		External: 912x600x750mm Internal: 667x450x660mm	Taiwan		
RA-22U-750		External: 1224x600x750mm Internal: 979x450x660mm			
RA-30U-750		External: 1579x600x750mm Internal: 1334x450x660mm			
RA-35U-750		External: 1801x600x750mm Internal: 1556x450x660mm			
RA-42U-750		External: 2112x600x750mm Internal: 1867x450x660mm			

Part No.	Photo	Dimensions (HxWxD)	Place of Production	Load	Safety
RA-15U-750-C		External: 912x600x750mm Internal: 667x450x660mm	China		
RA-22U-750-C		External: 1224x600x750mm Internal: 979x450x660mm			
RA-30U-750-C		External: 1579x600x750mm Internal: 1334x450x660mm			
RA-35U-750-C		External: 1801x600x750mm Internal: 1556x450x660mm			
RA-42U-750-C		External: 2112x600x750mm Internal: 1867x450x660mm			

Rack Accessories

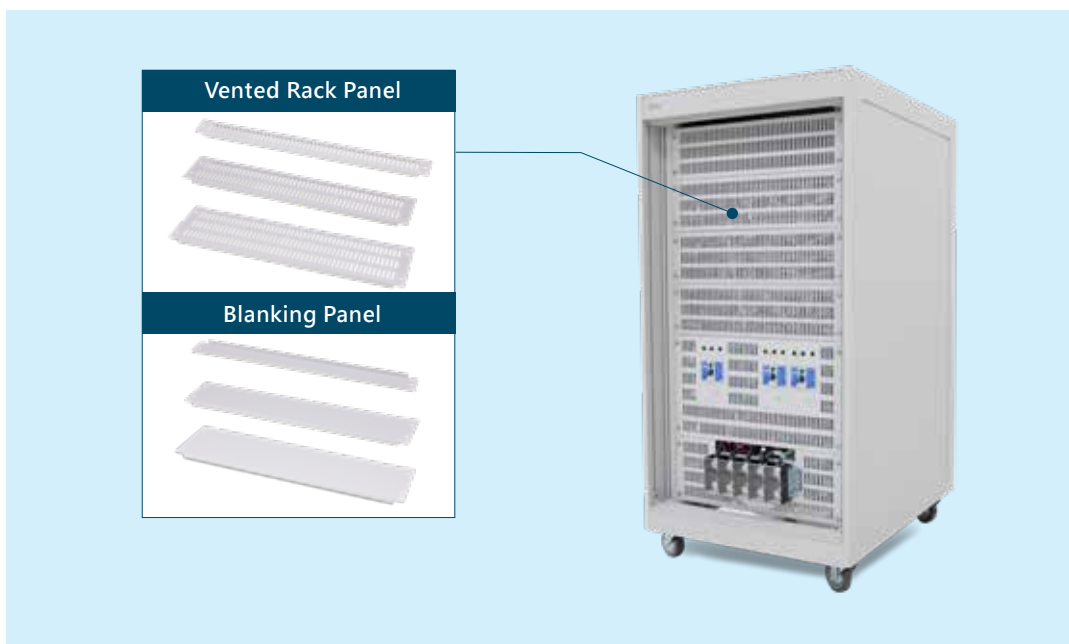
Part No.	Item	Photo	Load	Safety
RA27904 RA27904-C	Rack Mount Bracket			
RAF9AH01 RAF9AH01-C	Fixed Shelf			
RAF9AH02	Load Support Plate			
RA9AR01U RA9AR01U-C	1U Vented Rack Panel			
RA9AR02U RA9AR02U-C	2U Vented Rack Panel			
RA9AR03U RA9AR03U-C	3U Vented Rack Panel			
RA9AQ01U RA9AQ01U-C	1U Blanking Panel			
RA9AQ02U RA9AQ02U-C	2U Blanking Panel			
RA9AQ03U RA9AQ03U-C	3U Blanking Panel			
RA15DR-C RA22DR-C RA30DR-C RA35DR-C RA42DR-C	Honeycomb Hole Door Panel			



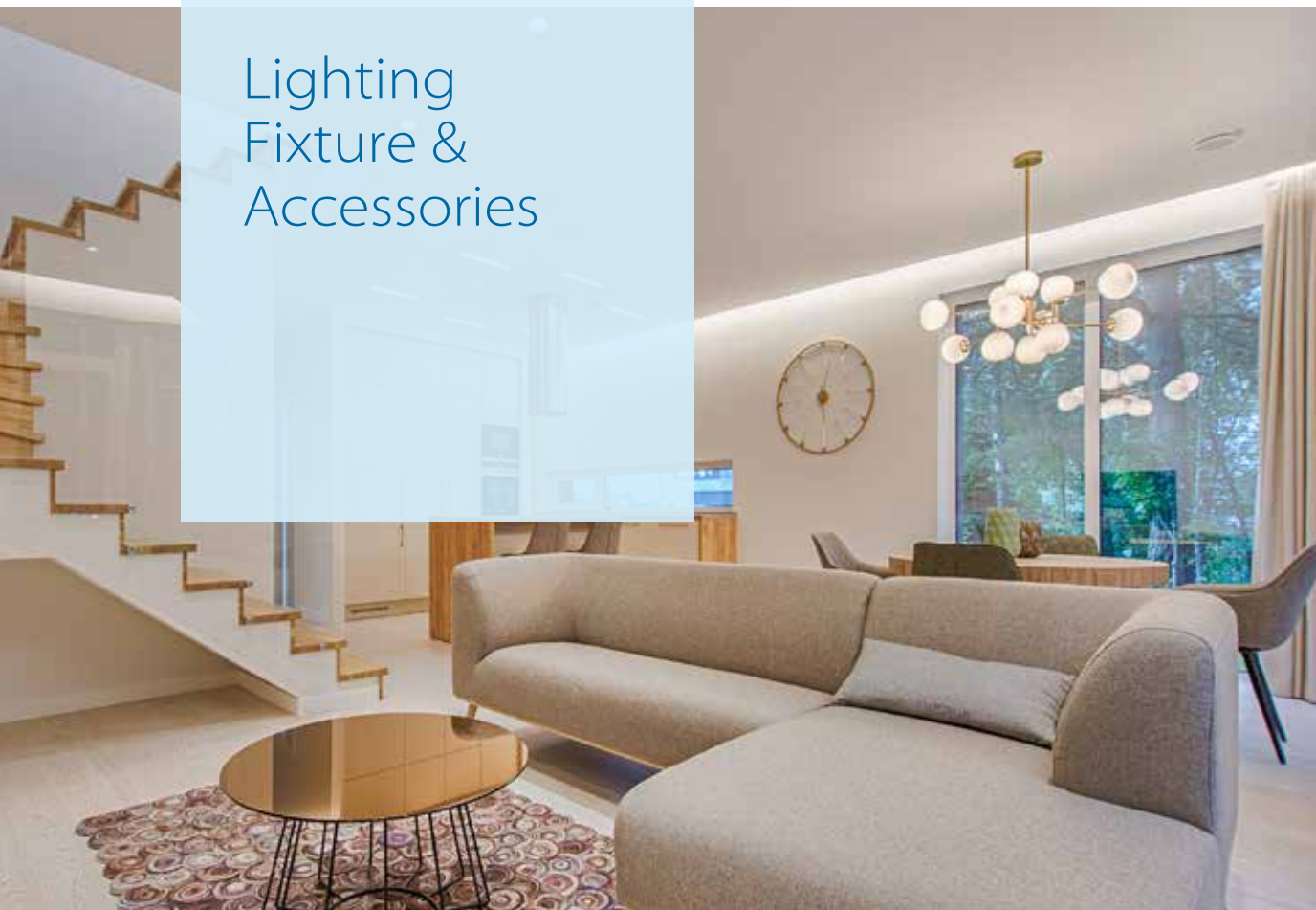
Assembly Diagram



Assembly Diagram



Lighting Fixture & Accessories



LED Bulb

PowerNex collaborates with the globally renowned LED manufacturer, MLS Group, introducing and facilitating project sales of MLS brand LED bulb products, we aim to provide innovative solutions. We have officially launched the MA60 Series: 10W LED Bulb, designed for a full voltage range of 100-240V, offering an energy-efficient alternative to traditional bulbs.

Features

- Energy efficiency
- Color rendering index (CRI) ≥ 80 for more realistic color presentation
- Multiple color temperature options for a wider range of applications
- Wide beam angle with 210°
- E27 base for flexible installation
- 2 years warranty

MA60 Series

Part No.	Photo	Input Voltage	Color Temp.	Power Factor	Flux	IP rating
MA6010W865K		AC 100-240V	6500K	≥ 0.9	1200lm	IP20
MA6010W840K		AC 100-240V	4000K	≥ 0.9	1200lm	IP20
MA6010W830K		AC 100-240V	3000K	≥ 0.9	1200lm	IP20

LED Strip

PowerNex cooperates with well-known LED product manufacturer MLS to sell COB LED strip products, CF series, without dark areas and IP20, can be used with MEAN WELL LED power supplies, and can be combined with indoor decoration and commercial linear project application.

Features

- COB LED packaging method without dark areas
- CRI >90, soft lighting without glare
- 4KV ESD testing
- Wide beam angle with 180°
- 5M per reel, can be cut and used every 5 cm
- 2 years warranty



CF Series

Part No.	Input (DC)	Color (K)	Cutting Point	Wattage (W/M)	Flux (lm/m)	Efficacy (lm/W)	CRI	Size
CFA320A4-BW01	12V	3000	2.5/ 5cm	11W	860	85	90	5M/reel IP20
CFA320A4-BN01		4000			890	88		
CFA320A4-BT01		6000			860	85		
CFC320A4-BW01	24V	3000	5cm	12W	1020	85	90	5M/reel IP20
CFC320A4-BN01		4000			1060	88		
CFC320A4-BT01		6000			1020	85		

Industrial Automation



SCARA Robot

PowerNex's SCARA (Selective Compliance Assembly Robot Arm) robot combines aesthetics and engineering application design that can be flexibly used in the production line with its compact size. It adopts components and accessories of well-known brands like Japan Lion and Nidec Drive Technology Corp.

It has high-cost performance with the precision of $\pm 0.01\text{mm}$, which can satisfy the complex requirements in Automation production filed. This product is suitable for automatic production lines such as assembly, robotic dispensing, screw locking, labeling, welding, handling, visual modules...etc., and it is widely used in industries for 3C, lithium battery, new energy and various components.

Features

- Low profile and the space is saved by 15%, which is conducive to the layout and installation of the production line
- Maximum payload of 20 kg; optional arm length of 400-1000 mm, customization supported
- Valuable prices with supreme product quality
- Rich and complete user interface, flexibly to match with other devices

P Series

Part No.	Photo	Operating Range	Payload
PSWA-P3-401S		Arm length: 400 mm Joint#3 stock: 150 mm	Rated 1kg / Maximum 3kg
PSWA-P6-502S		Arm length: 500 mm Joint#3 stock: 200 mm	2kg / 6kg
PSWA-P6-602S		Arm length: 600 mm Joint#3 stock: 200 mm	Rated 2kg / Maximum 6kg
PSWA-P6-702S		Arm length: 700 mm Joint#3 stock: 200 mm	Rated 2kg / Maximum 6kg

Part No.	Photo	Operating Range	Payload
PSWA-P10-602S PSWA-P10-603S		Arm length: 600 mm Joint#3 stock: 200 mm	Rated 5kg / Maximum 10kg
PSWA-P10-702S PSWA-P10-703S		Arm length: 700 mm Joint#3 stock: 200 mm	Rated 5kg / Maximum 10kg
PSWA-P10-802S PSWA-P10-803S		Arm length: 800 mm Joint#3 stock: 200 mm	Rated 5kg / Maximum 10kg
PSWA-P20-804S		Arm length: 800 mm Joint#3 stock: 420 mm	Rated 10kg / Maximum 20kg
PSWA-P20-904S		Arm length: 900 mm Joint#3 stock: 420 mm	Rated 10kg / Maximum 20kg
PSWA-P20-1004S		Arm length: 1000 mm Joint#3 stock: 420 mm	Rated 10kg / Maximum 20kg

Part No.	Photo	Operating Range	Payload
PSWA-P40-804S		Arm length: 800 mm Joint#3 stock: 420 mm	Rated 20kg / Maximum 40kg
PSWA-P40-904S		Arm length: 900 mm Joint#3 stock: 420 mm	Rated 20kg / Maximum 40kg
PSWA-P40-1004S		Arm length: 1000 mm Joint#3 stock: 420 mm	Rated 20kg / Maximum 40kg

W Series

Part No.	Photo	Operating Range	Payload
PSWA-W6-502S		Arm length: 500 mm Joint#3 stock: 200 mm	Rated 2kg / Maximum 6kg
PSWA-W6-602S		Arm length: 600 mm Joint#3 stock: 200 mm	Rated 2kg / Maximum 6kg
PSWA-W6-702S		Arm length: 700 mm Joint#3 stock: 200 mm	Rated 2kg / Maximum 6kg

E Series

Part No.	Photo	Operating Range	Payload
PSWA-E4-401S		Arm length: 400 mm Joint#3 stock: 130 mm	Rated 1kg / Maximum 4kg
PSWA-E4-551S		Arm length: 550 mm Joint#3 stock: 130 mm	Rated 1kg / Maximum 4kg
PSWA-E10-551S		Arm length: 550 mm Joint#3 stock: 100 mm	Rated 2kg / Maximum 10kg

D Series

Part No.	Photo	Operating Range	Payload
PSWA-D4-401S		Arm length: 400 mm Joint#3 stock: 130 mm	Rated 1kg / Maximum 4kg

CE Series

Part No.	Photo	Operating Range	Payload
PSWA-CE-600S		Arm length: 600 mm Joint#3 stock: 40 mm	Rated 5kg / Maximum 10kg

CP Series

Part No.	Photo	Operating Range	Payload
PSWA-CP-650S		Arm length: 650 mm Joint#3 stock: 40 mm	Rated 5kg / Maximum 10kg

Irregular Shape Plug-in Machine Superfast Series

Part No.	PCB Board	Component Performance
	- Size: 410x400mm 800x400mm - Thickness: 0.8-5mm - Weight: 6kg (Max.) - Edge Width: 3mm/5mm	- Speed: 5300cph - Cycle Time: 0.68 sec./part - Repeat Positioning Accuracy: $\pm 0.02\text{mm}$
	Head Characteristics	Feeder Quantity
	- No. of Working Heads: 6 units - Component Size: 40mm/80mm - Component Height: 35mm - Component Weight: 300g (Max.)	- Vertical Tape Feeders: 20 units - Horizontal Tape Feeders: 16 units - Tube Feeders: 16 units - Tray Feeders: 4 units - Vibratory Tray Feeders: 16 units
	Basic Parameters	
	- Machine Power: 1.8KVA - Machine Dimensions: 975x 1295x 1500mm - Machine Weight: 1000kg	

[Superfast 680](#)

[Superfast 680XL](#)

Single-Station Automation

Sealant/Adhesive Solutions:

Automatic Sealant Mixing Machine

Part No.	Photo	Features
KD-0001		• Touch screen control system, easy and convenient one-button operation • Triangle scraper design, ensuring comprehensive mixing of adhesive at the bottom of the material barrel • Using a high-flow pneumatic diaphragm pump for fast glue extraction with low noise • Applicable fields: Automatic Mixing and Dispensing of Various A and B Sealants

Sealant/Adhesive Solutions:

Automatic Glue Dispensing Machine

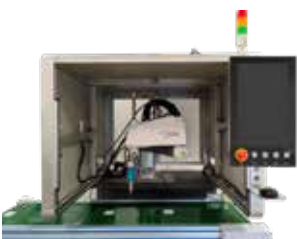
Part No.	Photo	Features
KD-0002		• Dispensing ratio monitoring function with adjustable dispensing ratio and time • Excess glue monitoring: Glue weight (including glue container) < 40kg, red light warning with audible alarm • Anti-coagulation function to prevent glue solidification due to prolonged non-use of mixing tubes • Compatible adhesives: Two-component adhesives such as silicone, epoxy resin, polyurethane, and acrylic adhesives

Sealant/Adhesive Solutions:

Automatic Glue Removal Machine

Part No.	Photo	Features
KD-0003		• Adjustable glue removal time and speed • The scraping blade is made of wear-resistant soft rubber, effectively removing residual adhesive inside the material barrel • Three-sided scraper, ensuring complete coverage of the inner barrel wall • Based on a calculation of 25 kg per barrel, approximately 0.76% or around 190g of residual adhesive can be collected per barrel

Sealant/Adhesive Solutions: Five-Axis Vision Gluing Machine

Part No.	Dispensing Performance	Valve Options
 PN-FD803	• Speed: 1.2 sec./point • Area: 350mm • Repeat Positioning • Accuracy: $\pm 0.02\text{mm}$	• Size: W880x D950x H1520(mm) • Equipment Weight: 500kg
	Equipment Specifications	Application Scope
	Compatible with pneumatic jet valves, piezoelectric valves, screw valves and others	Dot fixing adhesive, bottom filling, pin sealing, stack encapsulation, POP dam filling, red adhesive dispensing, reinforcement of FPC components

Electrical Test Solutions: Test System

Part No.	Features	No. of Test Sets
 ATEQ1-0001	One-key start, stop, test, results displayed on the computer screen; storage of test reports	Double test sets on the left and right sides to achieve uninterrupted testing and high efficiency
	Test Range	Test Functions
	• Input voltage: 0~600VAC • Load power: 0~6000W • Output voltage: 0~500VDC	No load, full load, overload, over voltage, over temp., short circuit, line regulation, DALI, D2, 3-in-1 dimming function automatic test judgment
Applicable fields		
Various power supplies and other related products that require functional testing of electrical		

Electrical Test Solutions: Test System

Part No.	Features	
	• Integrate the high-voltage test station and the function test station into one, saving manpower and increasing efficiency • One-key start, stop, test, results displayed on the computer screen; storage of test reports	
	Test Range	Test Functions
	• Input voltage: 0~600VAC • Load power: 0~6000W • Output voltage: 0~500VDC	No load, full load, overload, over voltage, over temp., short circuit, line regulation, DALI, D2, 3-in-1 dimming function automatic test judgment
	Applicable fields	
Various power supplies and other related products that require functional testing of electrical		

[ATEQ4Q5-0001](#)

Electrical Test Solutions: DIN Rail Power Test Fixture

Part No.	Photo	Features
ATE-01		• Double-station cooperative operation, fast and convenient • Start with safety light barrier and light sensor • Block electrical, safety protection after emergency stop • Configure unloading lift slide • Applicable fields: Various power supplies and other related products that require functional testing of electrical

Aging and Energy Saving Solutions: Energy-Saving Aging Baking Integrated Equipment

Part No.	Features	
	• Integrate the aging load and the baking oven into one, and the product aging test can be carried out during the baking process at the same time • Using the product output current feedback input mechanism, compared with the traditional burn-in aging method, it can save energy by up to 90% • Configure the CMU2 load controller to download the aging parameters and upload the aging test data to the remote data server in real time	
	Load Configuration	Connection Way
	ERS-1400/ ERG-5000, 4 sets of output for a single unit	Using quick thimble connector

Lock Screw Solution: Universal Single Station Lock Screw Machine

Part No.	Photo	Features
SM-400F		• The equipment is easy to operate, one-button start, automatic lock • Convenient and quick to switch the production model, just replace the limit fixture and call out the operation program • It can be embedded in the assembly line in series operation, or it can be used offline on a single machine, with flexible and efficient adjustment • Teaching method: operation and storage teach by computer program

Packaging All-in-One Solution: Packaging Machine

Part No.	Photo	Features
XLG-01		• Multi-tasking is combined, one-button operation is simple and convenient (covering riveting pressure, withstand voltage test, ATE test, paste specification stickers, paste E number stickers, unload machine) • The label uses CCD automatic correction to avoid frequent adjustment • The labeling movement mechanism adopts the servo module mode with high operation accuracy • Hydraulic cylinder is used as riveting equipment, with fast speed and low noise

Full Line Automation

SMT Solution: SMT General Production Line Automation

Part No.	Photo	Features
SMT General Production Line Automation		• Flexible deployment, industry standard machine, GPP (global project partners) • Adaptation components: 03015-W55x L100mm • Adaptation Substrat: 50x 50-810x 742mm • Welding Process: Solder paste or Solder paste and red adhesive • Applicable fields: Use for full process SMT production
General Board Placement Machine		• Automated PCB conveyor in SMT production line • Mitsubishi PLC controller with colorful intelligent Human-Machine Interface (HMI) • Reducer motor in conjunction with ball screw lifting frame mechanism • Fault text and audible-visual alarm alert system for easy operation and maintenance • Applicable fields: Use for automated PCB board loading in SMT production lines
General Connection Station		• Programmable PLC control board system • Aluminum profile structure conveyor track, rigid and aesthetically pleasing • Adjustable ball screw for width adjustment • Zhongda leader motor • Applicable fields: PCB board transition in SMT production lines
General Board Stacking Machine		• Programmable Mitsubishi PLC control board • Colorful intelligent Human-Machine Interface (HMI) with One-Click switching of conveyor track direction • The conveyor track is powered by a stepper motor for stable and smooth conveying • Fault text and audible-visual alarm alert system for easy operation and maintenance • Applicable fields: Use for PCB Board Loading Operation in SMT Production Lines

Part No.	Photo	Features
General Board Unload Machine		- Automated PCB Board Unloading in SMT Production Lines - Mitsubishi PLC Controller, Colorful Intelligent Human-Machine Interface (HMI) - Reducer motor combined with ball screw lifting frame mechanism - Fault text and audible-visual alarm alert system for easy operation and maintenance - Applicable fields: Use for automated PCB board unloading operation in SMT production lines
GKG-GSE Fully Automatic Solder Paste Printing Machine		- Printing of various frame sizes and the ability to quickly change models during the production process - Uniform circular and high-brightness coaxial light, with adjustable brightness function - Quick detection of printing defects such as misalignment, insufficient solder, misprints, and excess solder to ensure print quality - Fault text and audible-visual alarm alert system for easy operation and maintenance - Applicable fields: Use for solder paste printing on PCB boards in SMT production lines
YAMAHA YSD High-Speed Glue Dispensing Machine		- High-speed, high-precision, and stable dispensing - Multi-functional, including non-contact dispensing and linear coating, to meet various purposes - Dispensing Speed: 0.07sec/shot - Dispensing Accuracy: $\pm 0.05\text{mm}$ ($\mu + 3\sigma$) - Applicable fields: Use for SMT Production Line PCB Board Dispensing Process

Part No.	Photo	Features
YAMAHA YSM20R High-Speed Surface Mount Machine		• Efficient, wide-ranging support for various production formats, and possessing the world's fastest surface mount machine among peer products • Outstanding installation performance 95,000 CPH (Under the Optimal Conditions Defined by Yamaha) • Highly flexible heads and efficient changeover operations ensure seamless high-mix production • Placement accuracy $\pm 0.035\text{mm}$ ($\pm 0.025\text{mm}$) $C_{pk} \geq 1.0$ (3σ) • Applicable fields: Use for SMT production line PCB board assembly process
JT- TEA-800 Reflow Soldering Machine		• Fully compliant with various lead-free soldering process requirements • Standard with 8 upper and 8 lower air heaters, the hot air management system improves convection and conductivity, resulting in faster heat capture • PLC+PID closed-loop control, stable and reliable performance, high temperature control, and precise curve repetition accuracy • Fully modular design for easy and quick maintenance, reducing maintenance time and costs • Applicable fields: Soldering process of PCB boards in SMT production lines
MAKERRAY AIS401 SMTAOI		• Deep learning algorithm, trained on big data to create a generalized intelligent model • Intelligent recognition search, one-click to find trained components, and quickly duplicate parameters • Simplified programming workflow, rapid prototyping, supports self-training mode, and can learn and evolve • Automatic barcode recognition, quick access to production statistics reports, • Remote viewing and tracking of data • Applicable fields: AOI inspection process of PCB boards in SMT production lines



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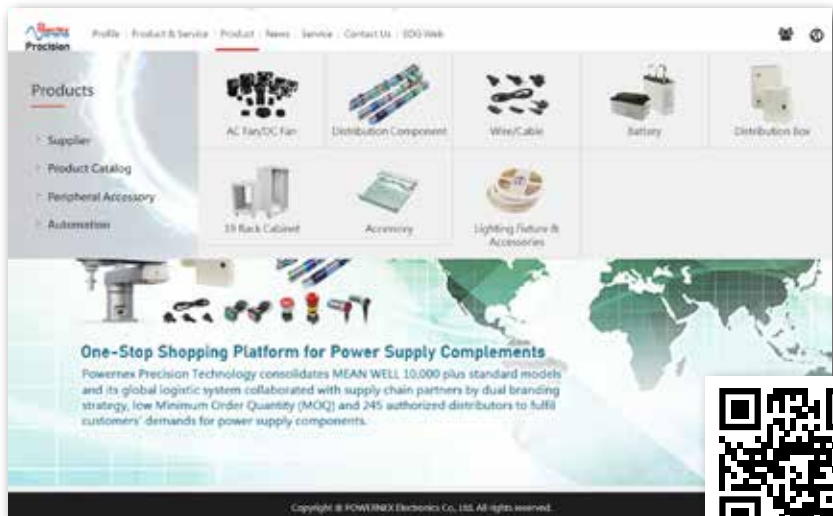
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