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PRODUCT CATALOG



INDEX

About PowerNex 2



Industrial Power Distribution Component

- DIN Rail Terminal Blocks 4
- Grounding Copper Busbar 12
- DIN Rail T35 Zinc Plated Steel 14

Inductive Proximity Sensor

- Rectangular Type 15
- Tubular Anti-bending Type 16

Industrial Switch

- Emergency Switch 17
- Push Switch 18
- Key Selector Switch 20
- Metal Switch 20
- Limit Switch 21
- Pilot Light 21
- Buzzer 21
- Waterproof Connector 22
- Fuse 22



Switching Power Supply Accessories

- DC Changeable Plug 24
- Terminal Block Cover 26
- Metal Mounting Brackets & Accessories 27



Wire & Cable

- AC Power Cord 32
- USB 3.2 GEN2 Type C Cable 34



Battery Lead Acid Battery

- FT Series 36
- DJM Series 36



AC/DC Fan

- AC Fan 38
- DC Fan 39



Distribution Box Metal Distribution Box

- FT Series 42
- ST Series 44

Plastic Distribution Box

- TJ-AG Series 46



19" Rack Cabinet

- RA Series 50
- Accessories 51



Lighting Fixtures & Accessories

- LED Bulb 54
- LED Strip 55
- DALI Touch Panel 56
- Motion Sensor 57



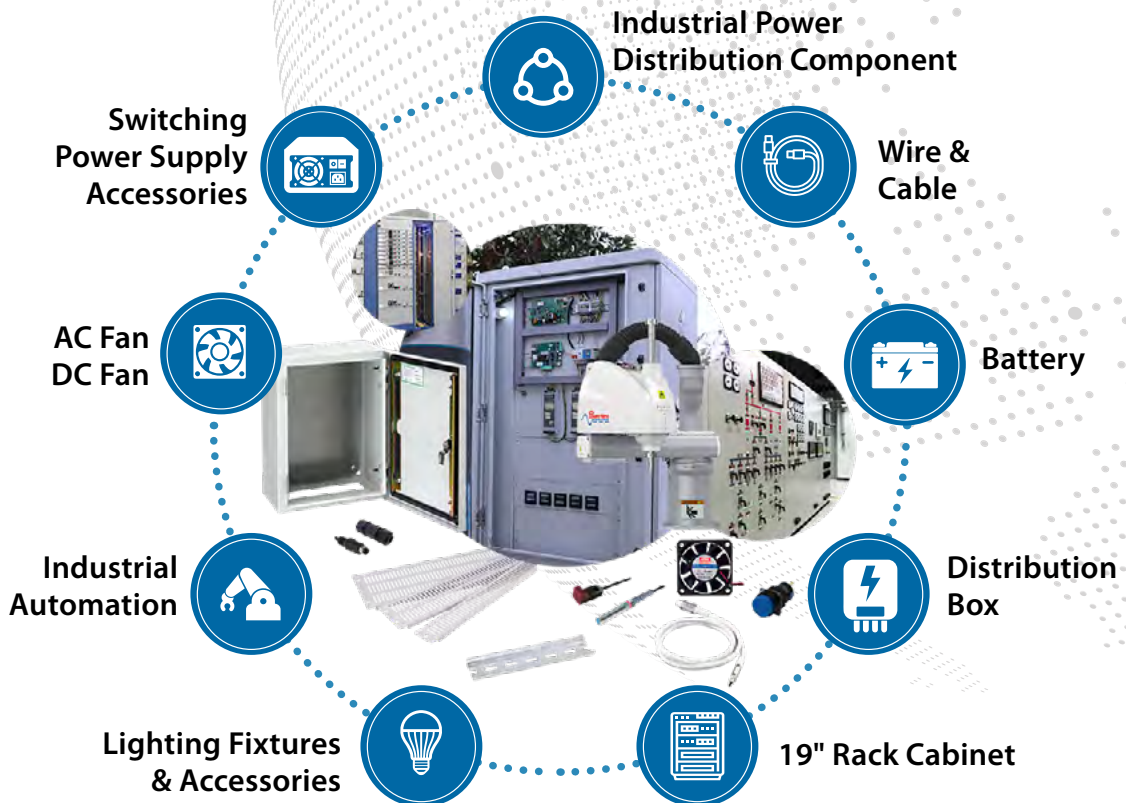
Industrial Automation

- SCARA Robot 60
- Irregular Shape Plug-in Machine 65
- Single-Station Automation 66
- Full Line Automation 69

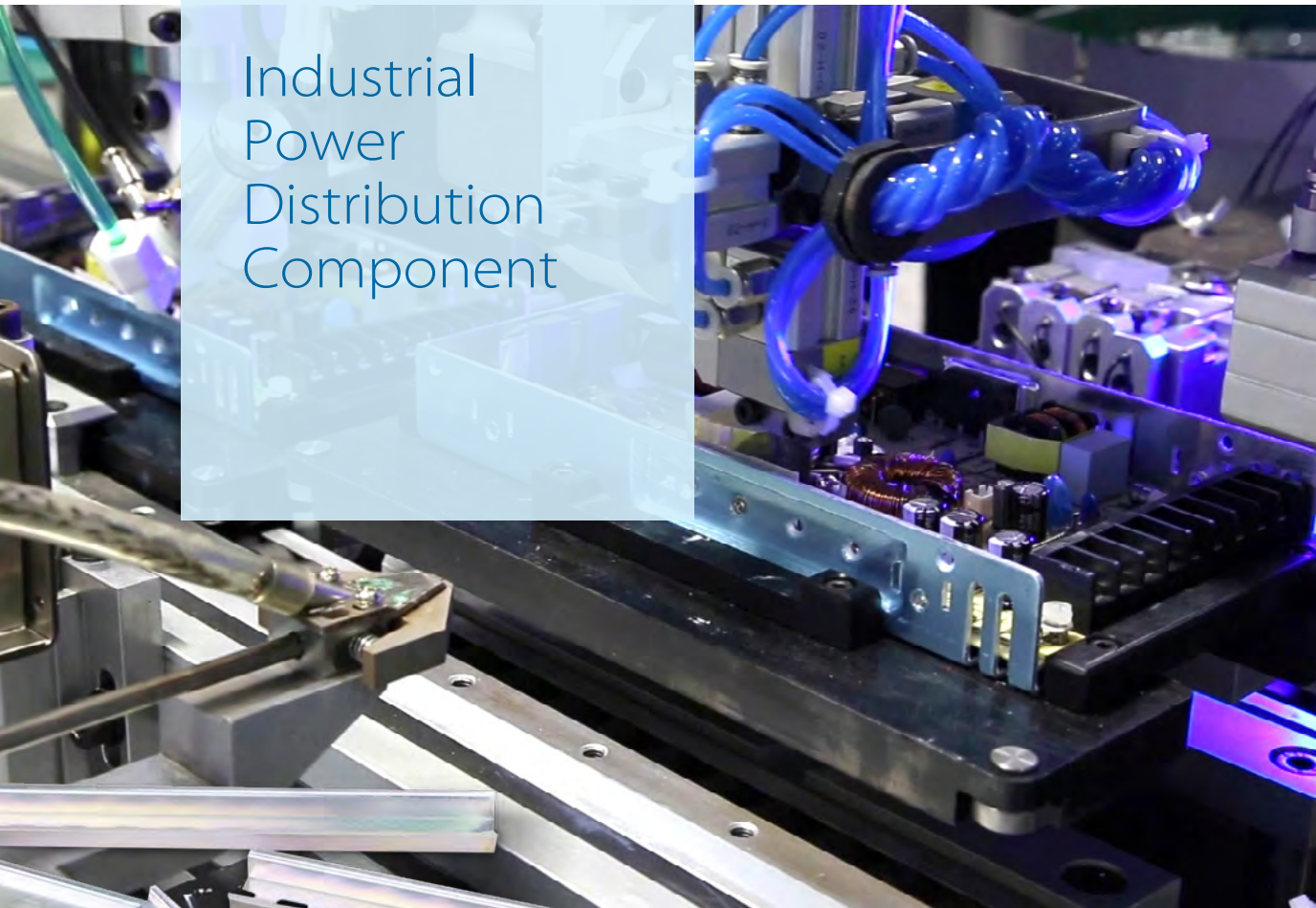
About PowerNex Precision Technology

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		1.5		Green	CE 
DPT1.5-PE		1.5		Green Mixed Yellow	CE 
DPT1.5/3		1.5		Dark Gray	CE 
DPT1.5/3GN		1.5		Green	CE 
DPT1.5/3-PE		1.5		Green Mixed Yellow	CE 
DPT-1.5/4		1.5		Dark Gray	CE 
DPT1.5/4GN		1.5		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 

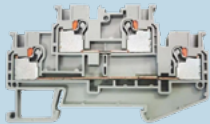




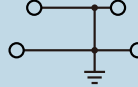

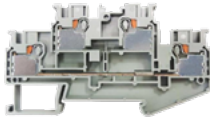
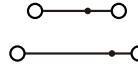





Part No.	Photo	Insertion Hole (mm ²)	Connection Type	Color	Safety
DPT4/4-PE		4		Green Mixed Yellow	CE 
DPT6		6		Dark Gray	CE 
DPT6GN				Green	CE 
DPT6-PE		6		Green Mixed Yellow	CE 
DPT6/3		6		Dark Gray	CE 
DPT6/3GN				Green	CE 
DPT6/3-PE		6		Green Mixed Yellow	CE 
DPT6/4		6		Dark Gray	CE 
DPT6/4GN		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



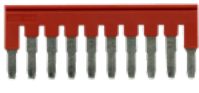





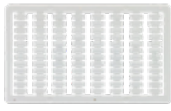




Part No.	Photo	Insertion Hole (mm ²)	Connection Type	Color	Safety
DPTTB2.5		2.5		Dark Gray	CE 
DPTTB2.5GN				Green	CE 
DPTTB2.5-PE		2.5		Green Mixed Yellow	CE 
DPTTB4		4		Dark Gray	CE 
DPTTB4GN				Green	CE 
DPTTB4-PE		4		Green Mixed Yellow	CE 





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

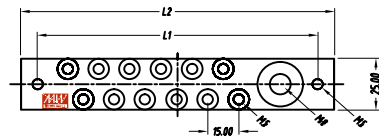
Features excellent conductivity, corrosion resistance, structural stability, easy installation and maintenance, as well as diverse sizes and specifications, ensuring the safe operation of equipment and system stability. Its function is to introduce the current in the system into the ground through grounding 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) ▶

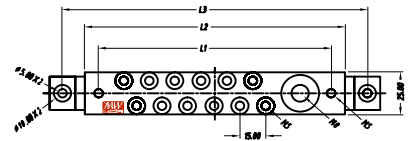


Part No.	Hole Spacing L1 (±2mm)	Total Length L2 (±2mm)	Copper Busbar Size W: width (±2mm) T: thickness (±0.2mm)	Maximum Current (Max.)
CU25003T-005	75mm	91mm	25W x 3T mm	250A
CU25003T-007	90mm	106mm		
CU25003T-009	105mm	121mm		
CU25003T-011	120mm	136mm		
CU25003T-013	135mm	151mm		
CU25003T-015	150mm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

Part No.	Hole Spacing L1 (±2mm)	Total Length L2 (±2mm)	Copper Busbar Size W: width (±2mm) T: thickness (±0.2mm)	Maximum Current (Max.)
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)	Total Length L2 (±2mm)	Add N Phase Terminal (±2mm)	Copper Busbar Size W: width (±2mm) T: thickness (±0.2mm)	Maximum Current (Max.)
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
TS35/7.5-150		All DIN Rail type power supplies and DIN Rail terminals	
TS35/7.5-200			
TS35/7.5-300			
TS35C-7.5		End Cap for TS35-7.5 Series	
TS35/15-150		All DIN Rail type power supplies and DIN Rail terminals	
TS35/15-200			
TS35/15-300			
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 / \leq 8 mA no-load	CE
JM02-P		8.5x25mm	2 mm \pm 10% / 1000 Hz	DC12 ~ 30 V / \leq 8 mA no-load	CE
JMD02-N		8.5x25mm	2 mm \pm 10% / 1000 Hz	DC12 ~ 30 V / \leq 8 mA no-load	CE
JMD02-P		8.5x25mm	2 mm \pm 10% / 1000 Hz	DC12 ~ 30 V / \leq 8 mA no-load	CE
JM04-N3		12x30.5mm	4 mm \pm 10% / 700 Hz	DC12 ~ 30 V / \leq 8 mA no-load	CE
JM04-P3		12x30.5mm	4 mm \pm 10% / 700 Hz	DC12 ~ 30 V / \leq 8 mA no-load	CE
JMD04-N3		12x30.5mm	4 mm \pm 10% / 700 Hz	DC12 ~ 30 V / \leq 8 mA no-load	CE
JMD04-P3		12x30.5mm	4 mm \pm 10% / 700 Hz	DC12 ~ 30 V / \leq 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	65	  
CP2E-LVExxR				1NO 1NC	Red Light 24V			
E1E19-F620RA-F41		16	Pushlock turn / Pull to reset	2NC 1NC	None	Soldering	65	   
E1E19-F620RA-F42				2NC 1NC				
E1E19-F620RM-F41		16	Pushlock turn / Pull to reset	2NC 1NC	None	Soldering	65	   
E1E19-F620RM-F42				2NC 1NC				
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 (mm ²)	Operator	Features	Contact	Light	Wiring	IP Level	Safety
C1Sx-R1xxx-x		16	Momentary	Round (Red, Green, Blue, Yellow)	1N01NC	None	Soldering	65	   
	2N02NC								
	Maintained		1N01NC						
			2N02NC						
C1Sx-R1xxx-x		16	Momentary	Round (Red, Green, Blue, Yellow)	1N01NC	24V with light	Soldering	65	   
					2N02NC				
	Maintained				1N01NC				
					2N02NC				
CP24B-M2Exxx		22	Momentary	Round red with metal bezel	1N0 1NC 2N0 2NC 1N01NC	None	Push-in	65	  
				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-A2Exx		22	Maintained	Round red with metal bezel	1NO 1NC 2NO 2NC 1N01NC	None	Push-in	65	  
				Round green with metal bezel					
				Round blue with metal bezel					
				Round yellow with metal bezel					
CP24L-M2BExx		22	Maintained	Round (Red, Green, Blue, Yellow) with metal bezel	1NO 1NC 2NO 2NC 1N01NC	24V with light	Push-in	65	  
									
									
									
CP24L-A2BExx		22	Maintained	Round (Red, Green, Blue, Yellow) with metal bezel	1NO 1NC 2NO 2NC 1N01NC	24V with light	Push-in	65	  
									
									
									





Key Selector Switch

Part No.	Photo	Assembly Hole (mm ²)	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	UL UL CE CCC
CP24S-2Exx		22	2 Positions -45°~ +45° Maintained	Round & Blue color (Metal bezel)	1N01NC 2N0 2NC	None	Push-in	65	UL UL CE
CP24F-2E1xxx				Round & Yellow color (Metal bezel)	1N0 1NC	24V with light			







Metal Switch

Part No.	Photo	Assembly Hole (mm ²)	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	UL UL CE TUV
F24S1-x2GxxxFx		19	Maintained	Round with Power Logo	1N01NC	24V Green light 24V Blue light	Soldering	67	UL UL CE TUV

Limit Switch

Part No.	Photo	Operator	Contact	Wiring	IP Level	Safety
SLZ-61		Lever length: R30.2mm	Current Rating: 15A 250V	Soldering	67	  

Pilot Light

Part No.	Photo	Assembly Hole (mm ²)	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	65	  

Buzzer


Part No.	Photo	Assembly Hole (mm ²)	Features	Contact	Wiring	IP Level	Safety
ADP16B4-0R00140		16	Round & Black color (Continuous Tone)	3A 24V, 80dB	Soldering	65	
ADP16B4-0R00240			Round & Black color (Intermittent Tone)				
CP2Z-4TxExxx		22	Round & Red color (Continuous Tone)	3A 24V, 80dB	Push-in	65	

Waterproof Connector

Part No.	Photo
CJ04-1	
CJ04-2	



Fuse

Part No.	Photo	Applicable Range
WJ30-4+WJ30H		<ul style="list-style-type: none"> • 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)

Switching Power Supply Accessories



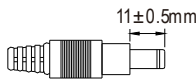
DC Changeable Plug

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, GST18~16 series, GSM06~60 series, GEM06~60 series, GE12~40 series, SGA12~60 series, GS06/15 series, OWA-60U/E series, GST90~120 series, GSM90 series, GST120~220 series, GSM120~220 series, OWA-90U~200U 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
	P1J	5.5	2.1	9.5
	P1L	5.5	2.5	9.5
	P1M	5.5	2.5	11
	P1JR	5.5	2.1	9.5
	P1LR	5.5	2.1	11
	P1MR	5.5	2.5	9.5
	P1LR	5.5	2.5	9.5
	P1MR	5.5	2.5	11

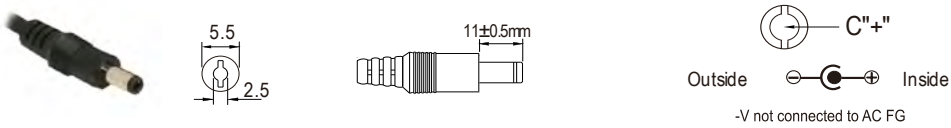
Min. Pin Style (male)	Part No.	A OD	B ID	C L
	P3A	2.35	0.7	11
	P3B	4	1.7	11
	P3C	4.75	1.7	11

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

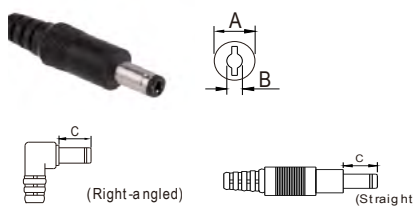
Min. DIN 3 Pin with Lock (male)	Part No.	Pin Assignment	
		PIN No.	Output
	R6B	1	+Vo
		2	-Vo
		3	+Vo


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

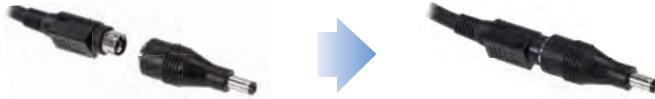
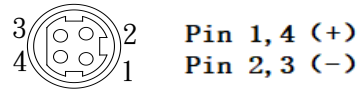
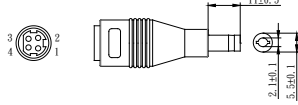
P1M	Pin Assignment
	

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

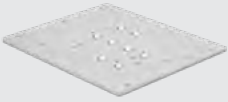
Min. DIN 4 Pin with Lock (female)	Part No.	A OD	B ID	C L
	P1J	5.5	2.1	11
	P1M	5.6	2.6	12



Terminal Block Cover

Part No.	Photo	Spec.	Applicable MEAN WELL Models	
TBC-05		<p>TBC is the cover for terminal block</p>	SD-50 RS-75 RS-50 RS-35	
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

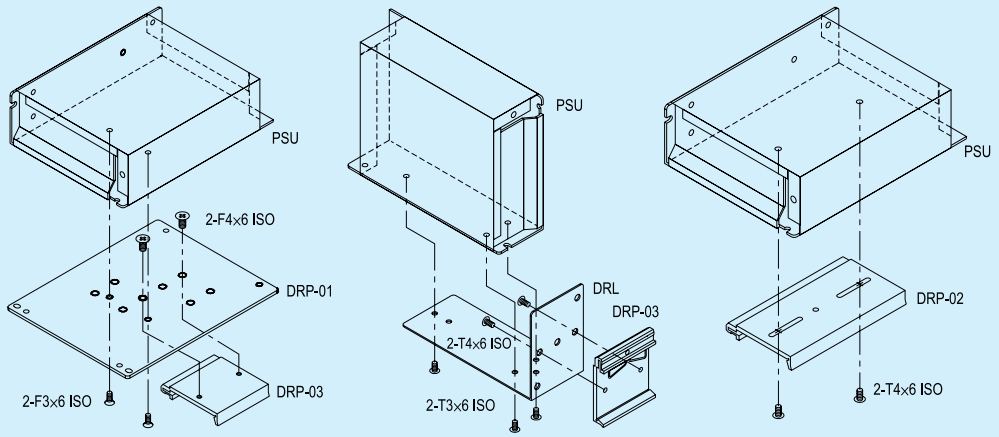
Metal Mounting Brackets & Accessories

Part No.	Photo	MEAN WELL Case No.	Applicable MEAN WELL Models
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

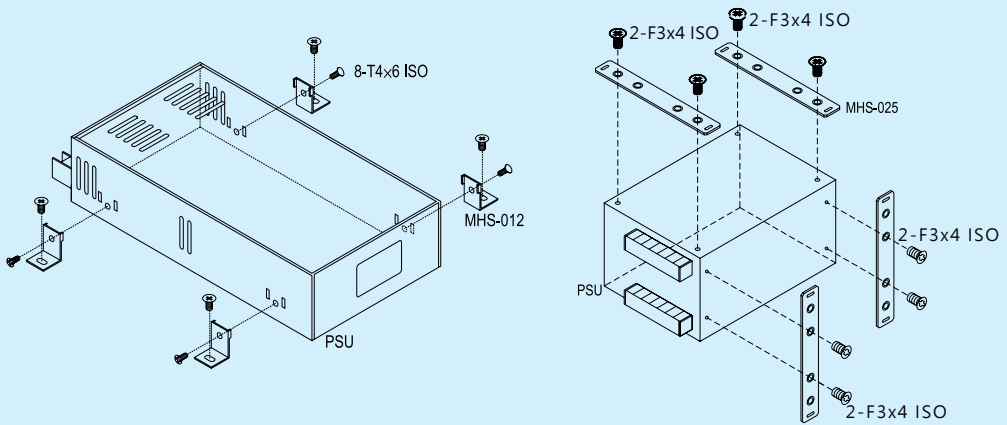
Part No.	Photo	MEAN WELL Case No.	Applicable MEAN WELL Models
MHS012		206, 207, 215A 912, 915, 916, 935, 939, 940 977,980, 982, 986, 987,995	HDP-190/ 240 RSP-150/ 200/ 320/ 500 RSP-2400/ 3000 SE-450/ 1000 MP450/ 650/ 1000 HRP-300/ 450/ 600 LRS-200/ 350/ 450 / 600 LRS-350N2/ 600N2
MHS012LRS		207, 207A, 291, 292	LRS-200/ 200N2 350/ 350N2 LRS-450/ 600/ 600N2
MHS012D		287	NPB-120/240/360
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
MHS027		971, 931	RS12 RS25

Installation Diagram

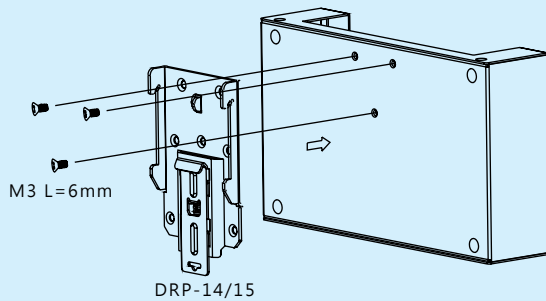
DRL/DRP series



MHS series



DRP series



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	 152635
YP21A+YC13		H03VVH2-F 0.75mm ² /2C 70°C	1.8m	250V 2.5A	 40022312
YP22+YC12		H05VV-F 0.75mm ² /3C 70°C	1.8m	250V 10A	 4003878
YP11+YC13		SPT-2 18AWG/2C 105°C	1.8m	125V 7A	 152635
YP13+YC13		VFF 0.75mm ² /2C 60°C	1.8m	125V 7A	 JET



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

YP35+YC12		H05VV-F 0.75mm ² /3C 70°C	1.8m	250V 10A	
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YP61A+YC12		H05VV-F 0.75mm ² /3C 70°C	1.8m	250V 10A	
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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	
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CN1-MC13		RVV 300/500V 0.75mm ² /3C 70°C	1.5M	250V 10A	
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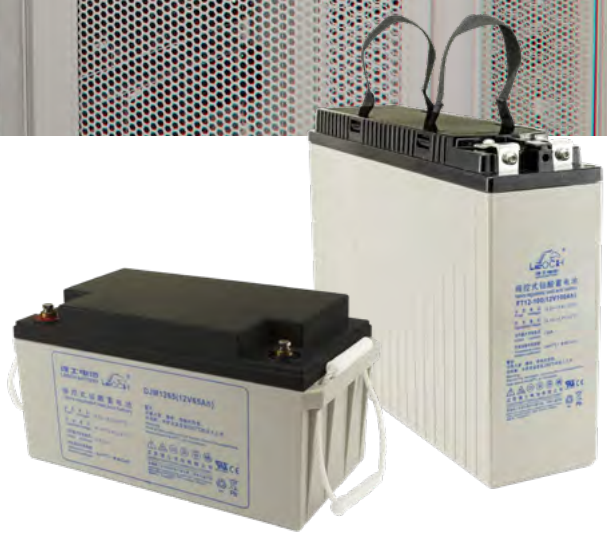
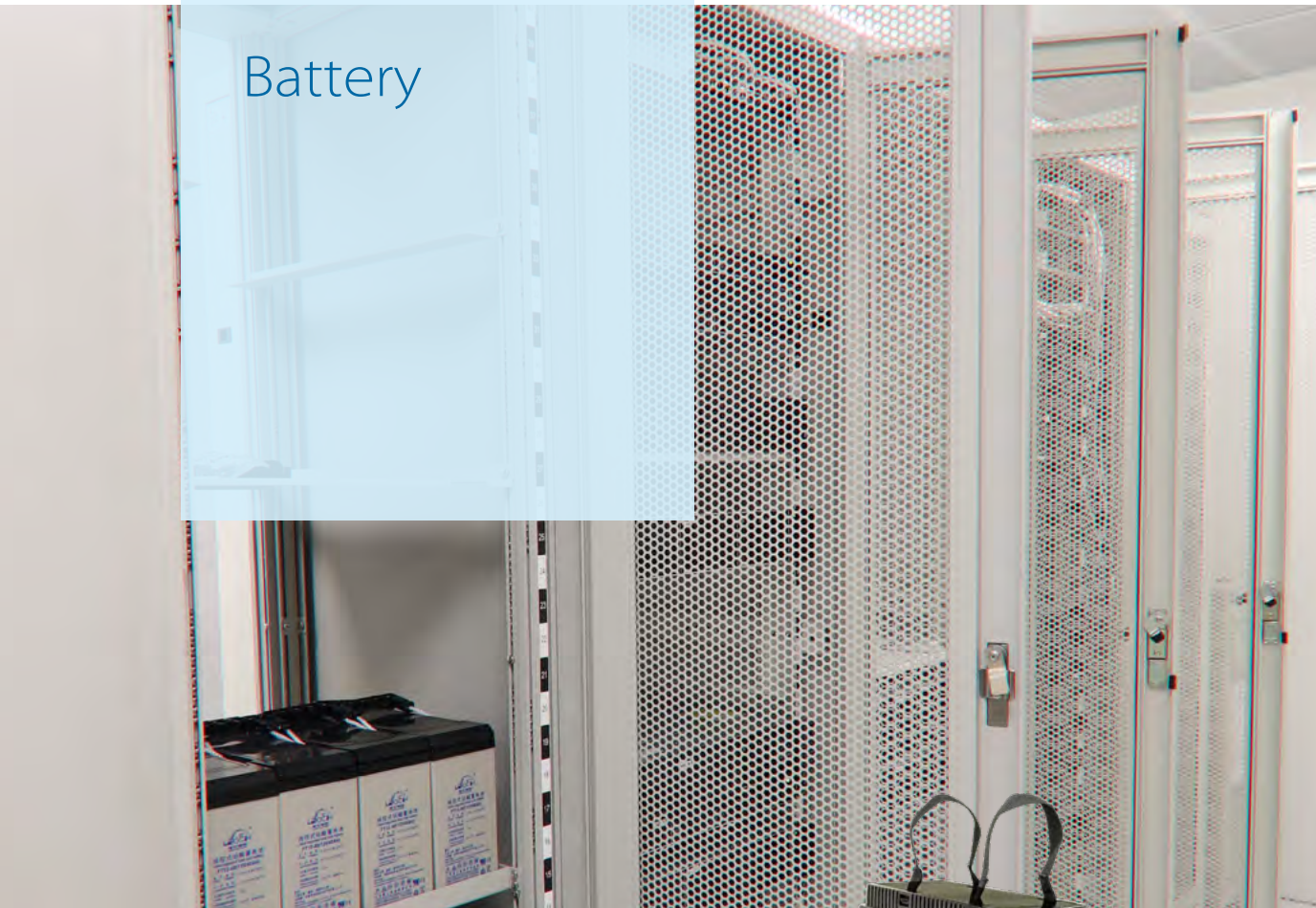
USB 3.2 GEN2 Type C Cable

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 @ $T_a=25^\circ\text{C}$
- Operating temperature for charging and discharging $-20\sim+55^\circ\text{C}$ (Refer to specifications for details)
- DJM series is suitable for industrial use, FT series narrow width dimensions suitable for 19" or 23" cabinets in communication rooms
- Certified by UL1989 / CE

Part No.	Photo	Description	Dimensions (WxLxD)	Applications
DJM1238		12V / 38AH	197x165x170mm (5525850 mm ³)	Common industrial general-purpose applications include: UPS backup power supplies, emergency lighting, fire alarms, monitoring security systems, industrial automation control, solar power generation systems, and so on.
DJM1265		12V / 65AH	348x167x178mm (10344648 mm ³)	
DJM12100		12V / 100AH	330x173x212mm (12103080 mm ³)	
FT 12-40		12V / 40AH	277x106x222mm (6518364 mm ³)	Suitable for use in communication equipment rooms, with narrow width dimensions suitable for 19" or 23" racks.
FT12-100		12V / 100AH	394x110x285mm (123351900 mm ³)	Common applications include: communication systems, power systems, UPS backup power supplies, sub-station systems, etc.
FT 12-150		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  

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

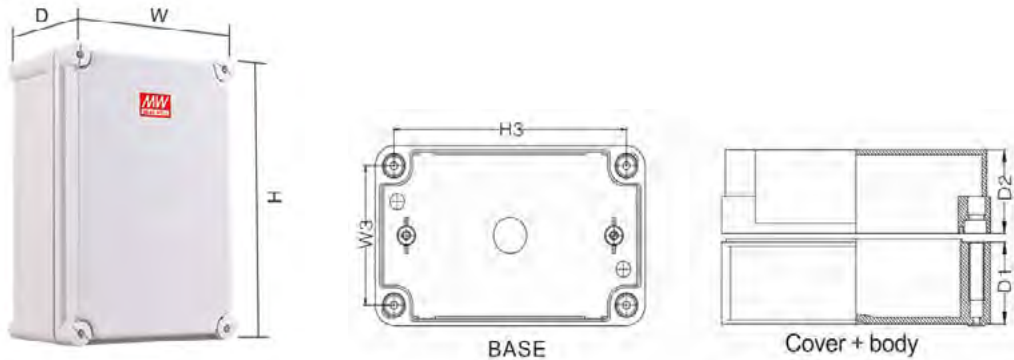
Part No.	Dimensions (WxLxD)	Anti-collision Level	IP Level	Gland Plate	Lock Q'ty
ST202015	200x200x150mm	IK10	66	ax1	1
ST203015	200x300x150mm	IK10	66	ax1	1
ST253015	250x300x150mm	IK10	66	ax1	1
ST253020	250x300x200mm	IK10	66	ax1	1
ST303015	300x300x150mm	IK10	66	bx1	1
ST303020	300x300x200mm	IK10	66	bx1	1
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

Part No.	Dimensions (WxLxD)	Anti-collision Level	IP Level	Gland Plate	Lock Q'ty
ST604020	600x400x200mm	IK10	66	dx1	1
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 $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- Comply with CE safety standards



Accessories



Plastic Mounting Plate



Wall brackets



Plastic Enclosure Screw

Part No.	Dimensions		Installation Size		Anti-collision Level	IP Level
	WxHxD	D1+D2	W3	H3		
TJ-AG-0609	65x95x55mm	40+15	50	79	IK9	66
TJ-AG-0811	80x110x70mm	50+20	62	92	IK9	66
TJ-AG-0825	80x250x70mm	50+20	62	232	IK9	66
TJ-AG-1212-S	125x125x75mm	55+20	105	105	IK9	66
TJ-AG-1212	125x125x100mm	80+20	105	105	IK9	66
TJ-AG-1217	125x175x75mm	50+25	109	157	IK9	66
TJ-AG-1417	140x170x95mm	75+20	122	152	IK9	66

Part No.	Dimensions		Installation Size		Anti-collision Level	IP Level
	WxHxD	D1+D2	W3	H3		
TJ-AG-1520	150x200x100mm	80+20	132	182	IK9	66
TJ-AG-1525	150x250x100mm	80+20	132	232	IK9	66
TJ-AG-1717	175x175x75mm	50+25	157	157	IK9	66
TJ-AG-2020	200x200x130mm	110+20	182	182	IK9	66
TJ-AG-2819	280x190x130mm	80+32	255	165	IK9	66
TJ-AG-3428	340x280x130mm	98+32	315	255	IK9	66
TJ-AG-3828	380x280x130mm	98+32	355	255	IK9	66

19" Rack Cabinet

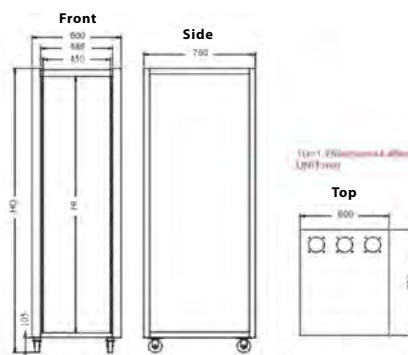


RA Series

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



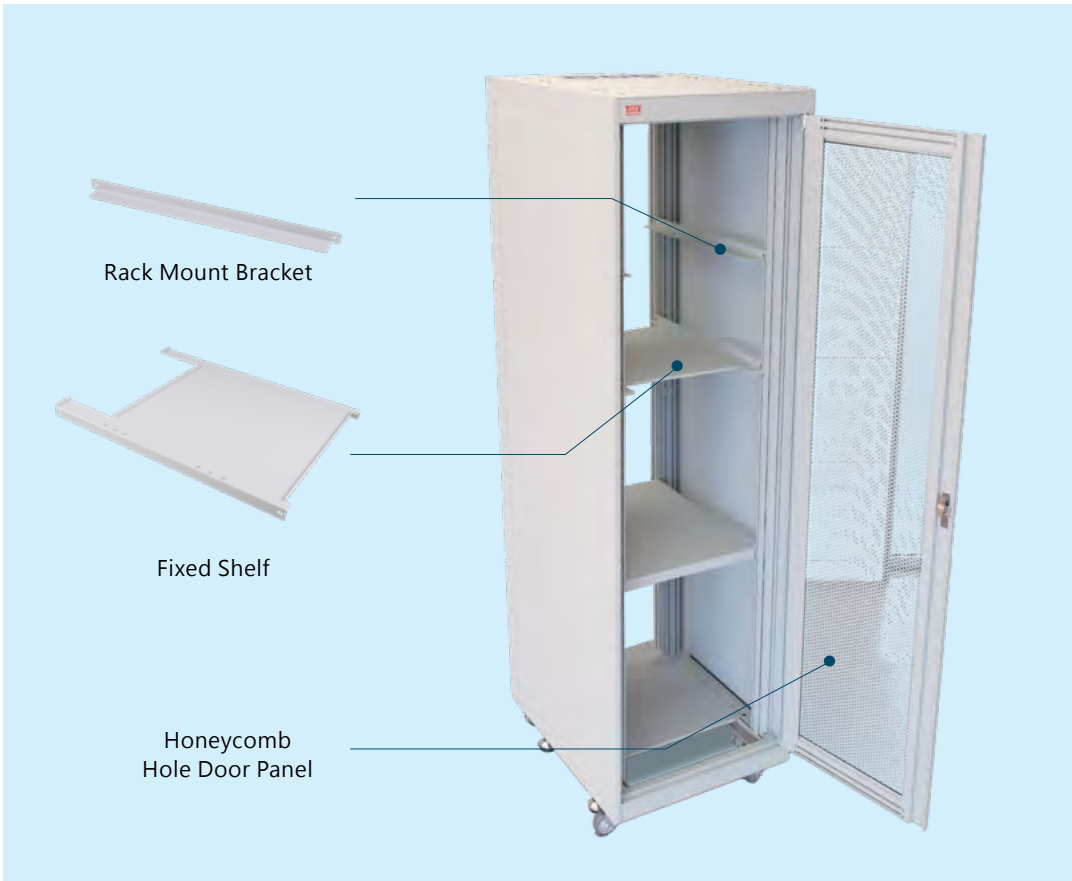
Part No.	Photo	Dimensions (HxWxD)	Internal Height	Internal Width	Internal depth
RA-15U-750		912x600x750mm	667mm	450mm	660mm
RA-22U-750		1224x600x750mm	979mm	450mm	660mm
RA-30U-750		1579x600x750mm	1334mm	450mm	660mm
RA-35U-750		1801x600x750mm	1556mm	450mm	660mm
RA-42U-750		2112x600x750mm	1867mm	450mm	660mm

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			

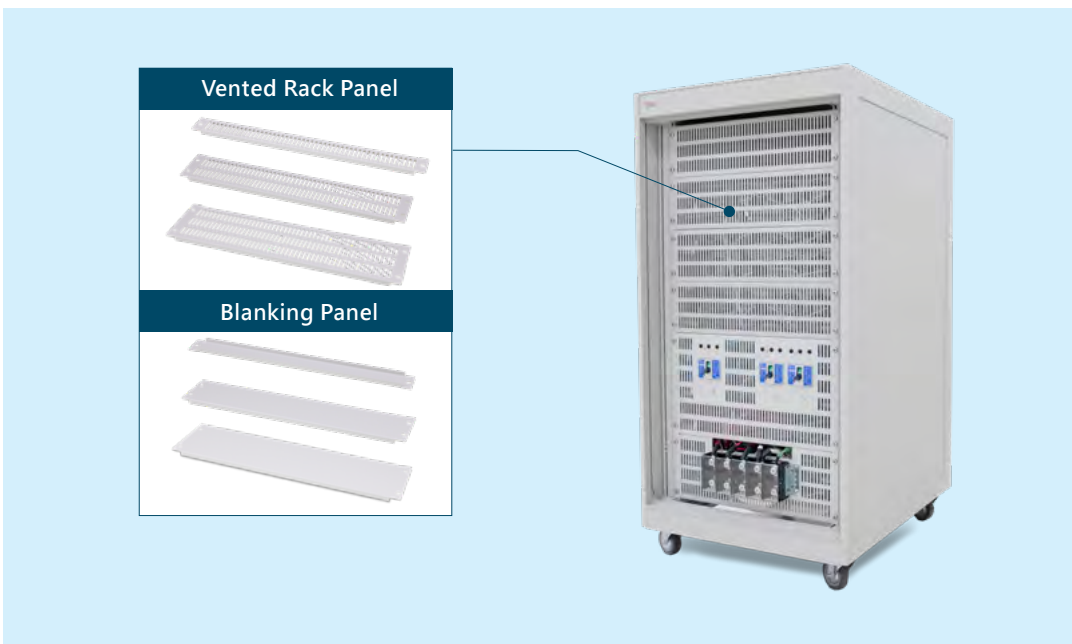
Rack Accessories

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		3000			860	85		
CFA320A4-BN01	12V	4000	2.5/ 5cm	11W	890	88	90	5M/reel IP20
CFA320A4-BT01		6000			860	85		

CFC320A4-BW01		3000			1020	85		
CFC320A4-BN01	24V	4000	5cm	12W	1060	88	90	5M/reel IP20
CFC320A4-BT01		6000			1020	85		

DALI Touch Panel

The DTP series is DALI input device, complies with DALI-2 IEC 62386 Part 101/103/301 regulations, including two mechanisms and variety of keys design, provide users with DALI lighting system to control various scenes needs. With DALI host configuration software, it can perform various operation modes, such as short press (on/off), long press (dimming/color adjustment), double press (scene), etc. It can be used with different lighting fixtures and scenarios, enhancing users' experience with intelligent lighting control.

Features

- DALI-2 certified touch panel
- Compliant with IEC 62386-301 push button
- Compatible for all DALI-2 devices and controllers
- Powered by DALI Bus
- Each button can trigger multiple modes: Short Click / Double Click / Long Press
- Backlight brightness adjustable
- Touch panel volume adjustable

DPT Series

Part No.	Photo	Type	Numbers of Keys
DTP-203-E		E Type	3
DTP-206-E		E Type	6
DTP-204-U		U Type	4
DTP-206-U		U Type	6



Motion Sensor

The PIR series is a photoelectric motion sensor with DC input. when it detects movement of human, it will provide a dimming signal. It can work with a 0~10V or 1 ~10V dimmable LED power supply so as to control multiple lighting units simultaneously. As for DA2 version, is an input device that complies with DALI-2 certification and IEC-62386 Part 303 standard. It can be powered and installed via the DALI bus. Additionally, when paired with MEAN WELL DLC-02 software, it enables comprehensive function configurations, facilitating the utilization of DALI-2 digital lighting applications to deliver energy efficiency, intelligent control, and other features.

Features

- Compliant with IEC 62386-303 regulation (DA2 version)
- Compatible with any DALI-2 lighting system (DA2 version)
- Powered by DALI Bus (DA2 version)
- Configurable functionality via MEAN WELL DLC-02 software (DA2 version)
- Customized Event Control & Delay Time Settings

PIR Series

Part No.	Photo	Operating Temp. & Humidity	Detection Range	Dimensions (D x H)	Safety
PIR-045		-10~40°C 35~85% RH	6M	Ø60 x 71.3 mm	CE
PIR-045-DA2		-10~40°C 35~85% RH	6M	Ø60 x 71.3 mm	CE UK CB FC SELV DALI 2
PIR-095-DA2		-10~40°C 35~85% RH	12M	Ø108 x 44.95 mm	CE UK CB FC SELV DALI 2

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
	<ul style="list-style-type: none"> • Size: 410x400mm 800x400mm • Thickness: 0.8-5mm • Weight: 6kg (Max.) • Edge Width: 3mm/5mm 	<ul style="list-style-type: none"> • Speed: 5300cph • Cycle Time: 0.68 sec./part • Repeat Positioning Accuracy: ±0.02mm
	Head Characteristics	Feeder Quantity
	<ul style="list-style-type: none"> • No. of Working Heads: 6 units • Component Size: 40mm/80mm • Component Height: 35mm • Component Weight: 300g (Max.) 	<ul style="list-style-type: none"> • Vertical Tape Feeders: 20 units • Horizontal Tape Feeders: 16 units • Tube Feeders: 16 units • Tray Feeders: 4 units • Vibratory Tray Feeders: 16 units
<h3>Basic Parameters</h3>		
<ul style="list-style-type: none"> • 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		<ul style="list-style-type: none"> • 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

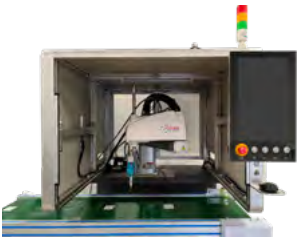

Sealant/Adhesive Solutions: Automatic Glue Dispensing Machine

Part No.	Photo	Features
KD-0002		<ul style="list-style-type: none"> • 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		<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • Speed: 1.2 sec./point • Area: 350mm • Repeat Positioning • Accuracy: $\pm 0.02\text{mm}$ 	<ul style="list-style-type: none"> • Size: W880x D950x H1520(mm) • Equipment Weight: 500kg
 <p>PN-FD803</p>	Equipment Specifications Compatible with pneumatic jet valves, piezoelectric valves, screw valves and others	Application Scope 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
	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
 <p>ATEQ1-0001</p>	Test Range <ul style="list-style-type: none"> • Input voltage: 0~600VAC • Load power: 0~6000W • Output voltage: 0~500VDC 	Test Functions 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	
	<ul style="list-style-type: none"> • 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 	
<p>ATEQ4Q5-0001</p>	Test Range <ul style="list-style-type: none"> • Input voltage: 0~600VAC • Load power: 0~6000W • Output voltage: 0~500VDC 	Test Functions 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: DIN Rail Power Test Fixture

Part No.	Photo	Features
ATE-01		<ul style="list-style-type: none"> • 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			
BI-0001	<ul style="list-style-type: none"> • 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 			
	<table border="1"> <thead> <tr> <th>Load Configuration</th> <th>Connection Way</th> </tr> </thead> <tbody> <tr> <td>ERS-1400/ ERG-5000, 4 sets</td> <td>Using quick thimble connector of output for a single unit</td> </tr> </tbody> </table>	Load Configuration	Connection Way	ERS-1400/ ERG-5000, 4 sets
Load Configuration	Connection Way			
ERS-1400/ ERG-5000, 4 sets	Using quick thimble connector of output for a single unit			

Lock Screw Solution: Universal Single Station Lock Screw Machine

Part No.	Photo	Features
SM-400F		<ul style="list-style-type: none"> • 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		<ul style="list-style-type: none">• 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
<p>SMT General Production Line Automation</p>		<ul style="list-style-type: none"> • 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
<p>General Board Placement Machine</p>		<ul style="list-style-type: none"> • 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
<p>General Connection Station</p>		<ul style="list-style-type: none"> • 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
<p>General Board Stacking Machine</p>		<ul style="list-style-type: none"> • 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
<p>General Board Unload Machine</p>		<ul style="list-style-type: none"> • 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
<p>GKG-GSE Fully Automatic Solder Paste Printing Machine</p>		<ul style="list-style-type: none"> • 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
<p>YAMAHA YSD High-Speed Glue Dispensing Machine</p>		<ul style="list-style-type: none"> • 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
<p>YAMAHA YSM20R High-Speed Surface Mount Machine</p>		<ul style="list-style-type: none"> • 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 $\pm 0.035\text{mm}$ ($\pm 0.025\text{mm}$) $Cpk \geq 1.0$ (3σ) • Applicable fields: Use for SMT production line PCB board assembly process
<p>JT- TEA-800 Reflow Soldering Machine</p>		<ul style="list-style-type: none"> • 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
<p>MAKERRAY AIS401 SMTAOI</p>		<ul style="list-style-type: none"> • 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

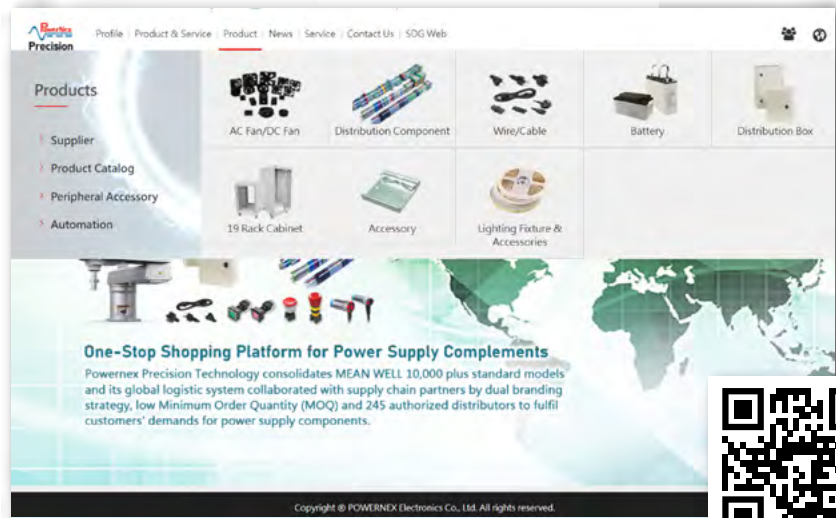


PowerNex Precision Technology is a one-stop shopping platform for power supply components, providing the full range of power supply components, including AC/DC fan, DIN Rail Terminal Blocks, Industrial Switch, CAM Switch, Anti-Vandal Switch, Wire/Cable, Distribution Box, Power Inductor, Ferrite Bead and Accessories, while continuing to enlarge the product lines.



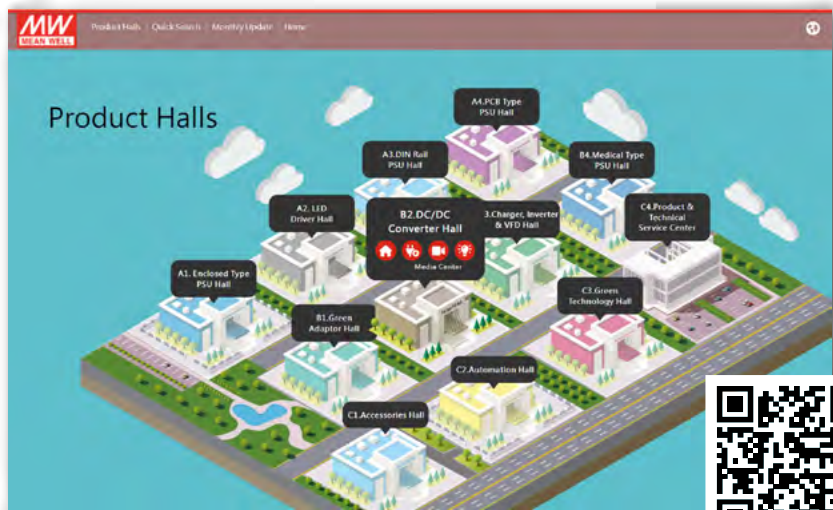
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