

With "Reliable Partners for Sustainable Development"
as the core concept, SDG Group is constantly developing ESG enterprises
and creating a better environment for our next generation!



PowerNex New Product Introduction

Date: 27.10.2022

Mac Tu

Company Profile

PowerNex Precision Technology is a **one-stop shopping** platform for power supply **peripherals** 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 peripherals.

One-Stop Shopping Platform for Power Supply Complements

- *Global Logistic Service*
- *Minimum Order Quantity*





Product Introduction

Products Launch Plan

First Step:

- Power Supply Peripherals



Products Launch Plan

Long-term:

- SHARE WELL products Ex: robotic arms, cables...etc.
- Upstream supplier partner components
- Downstream customer partner finished product



Product - AC Power Cord



Strict quality control, automatic testing equipment, complete monitoring of plug and connector insertion force, 100% of the products have passed testing in order to achieve the perfect grade; the products have obtained international safety certifications, and they have also met the RoHS directive requirements as early as 2004. Passing the SONY SS-00259 certification enabled them to become a green supply partner.

Features:

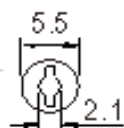
1. Complete global specs
2. Complete safety
3. 30-day short lead time
4. Modified orders accepted with MOQ:500

Part No.	Photo	Connector	Specification description	Length	Voltage Current	Certification
<u>YP12+YC12</u>	 15A 125V~	 IEC 60320 - C13	SVT 18AWG/3C 105°C	1.8M	125V/10A	<u>UL 152635</u>
<u>YP21A+YC13</u>	 2.5A 250V~	 IEC 60320 - C7	H03VVH2-F 0.75mm ² /2C 70°C	1.8M	250V/2.5A	<u>VDE 40022312</u>
<u>YP22+YC12</u>	 16A 250V~	 IEC 60320 - C13	H05VV-F 0.75mm ² /3C 70°C	1.8M	250V/10A	<u>VDE 40003878</u>
<u>YP11+YC13</u>	 NEMA 1-15P 10A 125V 15A 125V	 IEC 60320 - C7	SPT-2 18AWG/2C 105°C	1.8M	125V/7A	<u>UL 152635</u>
<u>YP13+YC13</u>	 7A 125V~ 11A 125V~ 12A 125V~ 15A 125V~	 IEC 60320 - C7	VFF 0.75mm ² /2C 60°C	1.8M	125V/7A	<u>PSE JET</u>

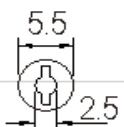
Product - DC Changeable Plug

Adapter Connector

Model: P1J



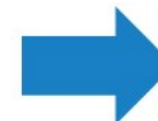
Model: P1M



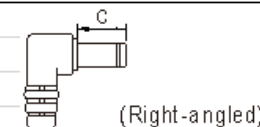
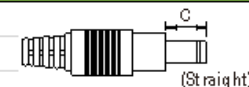
Model: R7BF



Select Suitable Conversion Plug



Tuning Fork Style



Min. Pin Style



Center Pin Style



Min. DIN 3 Pin with Lock (male)



Min. DIN 4 Pin with Lock (male)



DIN 5 Pin (male)



Product - DC Fan



CCHV fans have been used in industrial control, home appliances and automotive electronics. The products have passed many certifications such as TUV, VDE, UL, CUL, CSA, CE, etc. million), ensuring high quality and reliability.

Features:

1. Low noise
2. Good air flow
3. Low consumption
4. Wide application
5. Complete safety

Part No.	Photo	Dimension	Specification description	Voltage/Current	Certification
CHA4012BH-10B		40*40*10mm	7000±10%RPM 9.35CFM 2BALL	12V/0.10A	UL:E496370 TUV B0051260004
CHT4012BH-W20D		40*40*20mm	9200±10%RPM 10.98CFM 2BALL	12V/0.18A	UL E496370 TUV B0051260007
CHA6012BH-15D		60*60*15mm	5000±10%RPM 22.39CFM 2BALL	12V/0.17A	UL:E496370 TUV B0051260004
CHA6012BH-25C		60*60*25mm	4500±10%RPM 23CFM 2BALL	12V/0.09A	UL:E496370 TUV B0051260004

Product - Control Box/Distribution Box



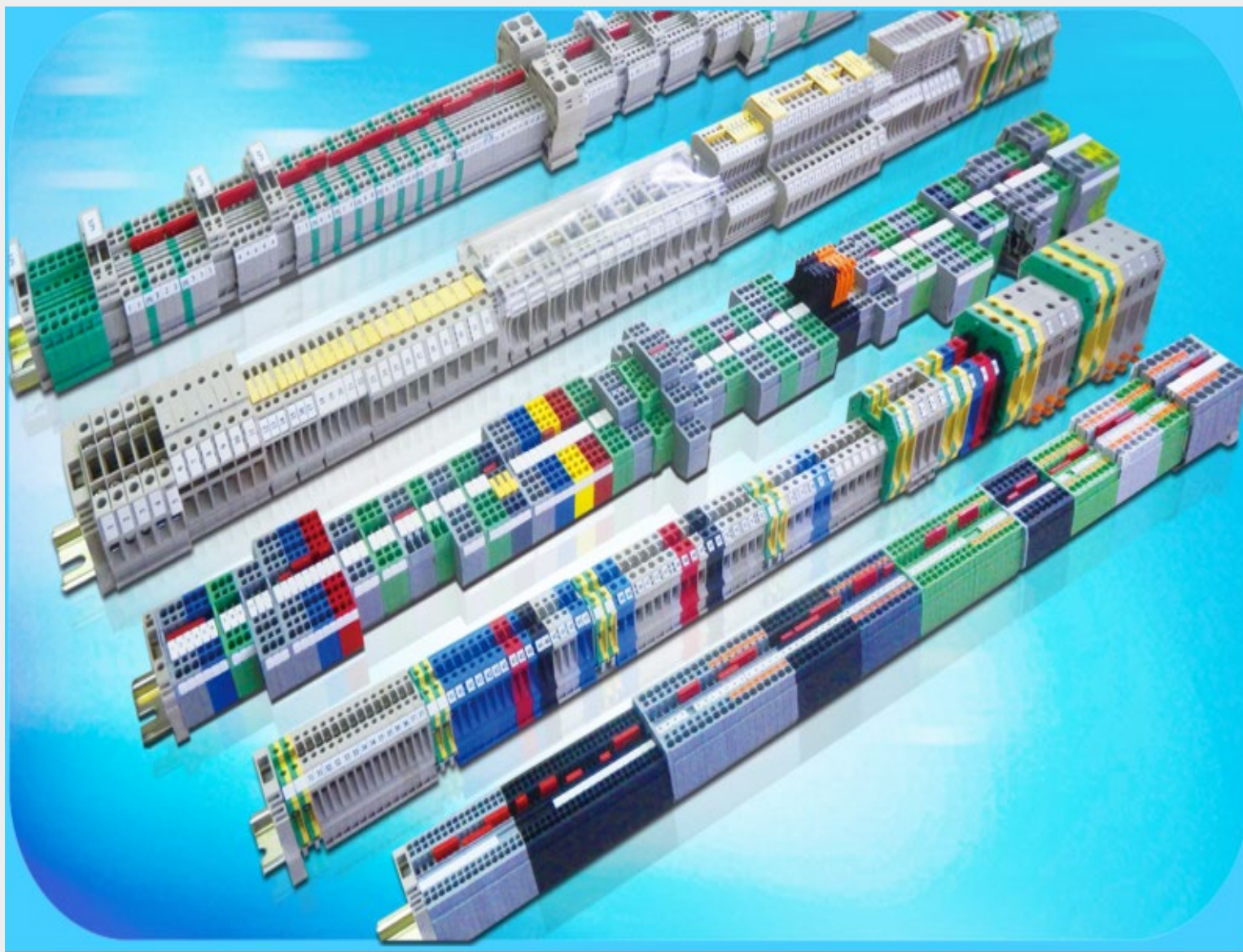
Nonstone is a professional manufacturer of IP66 dustproof and waterproof control boxes in Taiwan. The products have been sold to the United States, Canada, Japan, Australia, New Zealand, Singapore, Indonesia, the Philippines, Thailand and Vietnam. In the future, we will continue to provide high-quality products. and customized solutions.

Features :

- > Body: 1.2mm~1.5mm, Door: 1.5mm~1.8mm
- > Mounting plate: 2.0mm galvanized steel
- > Continuously welded seams, foam-in-place seamless gaskets, 120-degree opening hinges
- > IEC 60529 IP66 & IEC 62262 IK10 impact protection
- > RAL 7035 outdoor powder coating
- > Door can change between left and right, complete sizes (46 types), and provides customization services such as custom opening



DIN RAIL Terminal Blocks



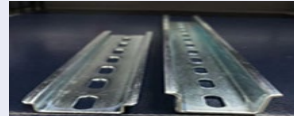
DECA®

- Feed-through terminal wiring
- Double layer terminal wiring
- Ground type
- Knife disconnect type
- Diode protected type
- Fuse type

DIN RAIL Accessories

DECA®

Specifications	1.5mm²	
Technical Data	Rated voltage / Rated current / Wire Size	
UL	600V / 15A / AWG 26-14	
CSA	600V / 15A / AWG 26-14	
IEC	500V / 17.5A / 0.14-1.5mm²	
Insulating Impulse voltage withstand / Pollution degree	6KV / 3	
Insulation stripping length (mm)	10mm	
Material / Available Color		
Rail Dimensions	T / W / H (mm)	
For TS35x 7.5 	3.5 x 45 x 32	
For TS35x 15 	3.5 x 45 x 39.5	
Accessories	Cat. No.	Qty.
End Bracket 	SEW35	50
End Plate 	DD-PT1.5-D	50
Comb Link 	ODFBS2-3.5	50
	ODFBS3-3.5	50
	ODFBS4-3.5	50
	ODFBS5-3.5	50
	ODFBS10-3.5	10
Marking Tags 	DUC-TMF3.5	10
	DUC-TM3.5	10
Tool 	DS2 (0.4 x 2.0mm)	

P/N	Description	Picture	Application
SEW35-1	End Bracket		All Type
DD-PT1.5-D	End Plate		DPT1.5
DD-PTTB1.5-D	End Plate		DPTTB1.5
ODFBS10-3.5	Comb Link		DPT1.5 , DPT1.5/3 , DPT1.5/4
DUC-TM3.5	Marking Tags		DPT1.5 , DPT1.5/3 , DPT1.5/4
TS31S-1000H	Carrier Rail		All Type
TS37S-1000H	Carrier Rail		All Type

P/N	Picture	Assembly Hole	Operator	Contact	Color	Wiring		
CP2E-BVExR		22	Push-lock Turn/Pull to reset	1 NO	N	PUSH-IN		
				1 NC				
				2 NO				
				2 NC				
				1 NO1 NC				
CP2E-LVExxR				1 NO	Red Light			
				1 NC				
E1E19-F620RA-F41		16			2 NC	N	Soldering	
E1E19-F620RA-F42					1 NC			
E1E19-F620RM-F41					2 NC			
E1E19-F620RM-F42				1 NC				
ADA16E6-R11-x1K/R				1 NO1NC + 1NONC	Red Light			
				1 NO1NC				
			2 NO					
			1 NO					

P/N	Picture	Diameter	Construction	Contacts	Wiring
ADP16B4-OR0-00140		16	Round Black Continuous Tone	3A, 24V, 80dB	Soldering
ADP16B4-OR0-00240			Round Black Intermittent Tone	3A, 24V, 80dB	
CP2Z-4TxExxx		22	Round Red Continuous Tone	3A, 24V, 80dB	PUSH-IN
			Round Red Intermittent Tone	3A, 24V, 80dB	

Suitable applications:

- Industrial machinery
- Security systems
- UPS systems

Proximity Sensor

RiKO

Proximity Sensor

- ✓ Stainless steel SU304
- ✓ Rectangular
- ✓ Round tube
- ✓ Capacitive
- ✓ Circular



PowerNex Summary

- One-stop shopping
- Complementary to Power Products
- Fast delivery / Global supply chain and worldwide distributors
- Low minimum order quantity (MOQ)
- Global service
- Proven Quality



Thank You

