
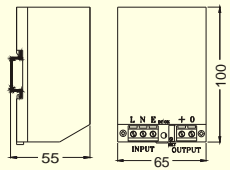


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Switch Mode Power Supply

- Single phase input
- Built in transient protector & EMI filter
- Protection against short circuit, over load & over voltage
- Low ripple & noise
- Cooling by free air convection
- Power OK indication, terminations, output set control & rating details on front
- 100% full load burn in tested
- Low cost
- High reliability
- Compact size
- DIN rail mountable.


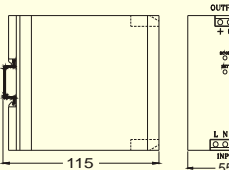
Single Output 24 Watt

Input	Output
110VAC 230VAC	5V : 2.5A
	10V : 20mA *
	12V : 2A
	15V : 1.5A
	24V : 1A
	48V : 0.5A


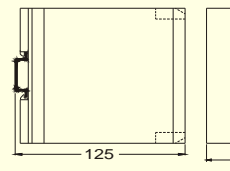
* Precision 10V output for voltage reference or potentiometer

Single Output 60 Watt


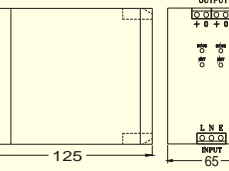
Input	Output
110VAC 230VAC	5V : 4A
	12V : 5A
	15V : 4A
	24V : 2.5A
	48V : 1.25A

Single Output 120 Watt


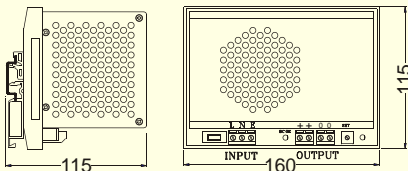
Input	Output
110VAC C 230VAC C	12V : 8A
	15V : 8A
	24V : 5A
	48V : 2.5A

Dual Output 70 Watt


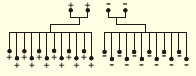
Input	Output
110VAC 230VAC	+12V : 4A
	-12V : 1.5A
	+15V : 3A
	-15V : 1.5A
	+24V : 2A
	+5V : 1.5A
	+24V : 2A
	+12V : 1.5A

Single Output 250 Watt


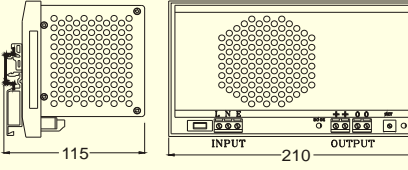
Input	Output
110VAC 230VAC	12V : 15A
	24V : 10A
	48V : 5A

Power Distribution Module

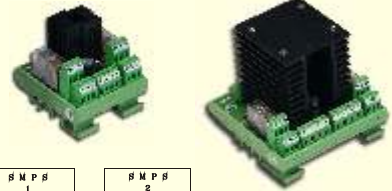
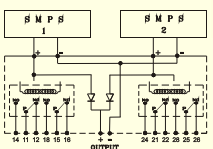
Input	Output
48VDC max 20A max	2 X 12 Way terminals rated for 5A each

Single Output 360/500 Watt

Input	Output
110VAC 230VAC	24V : 15A
	24V : 20A
	48V : 10A

Redundancy/Paralleling Module

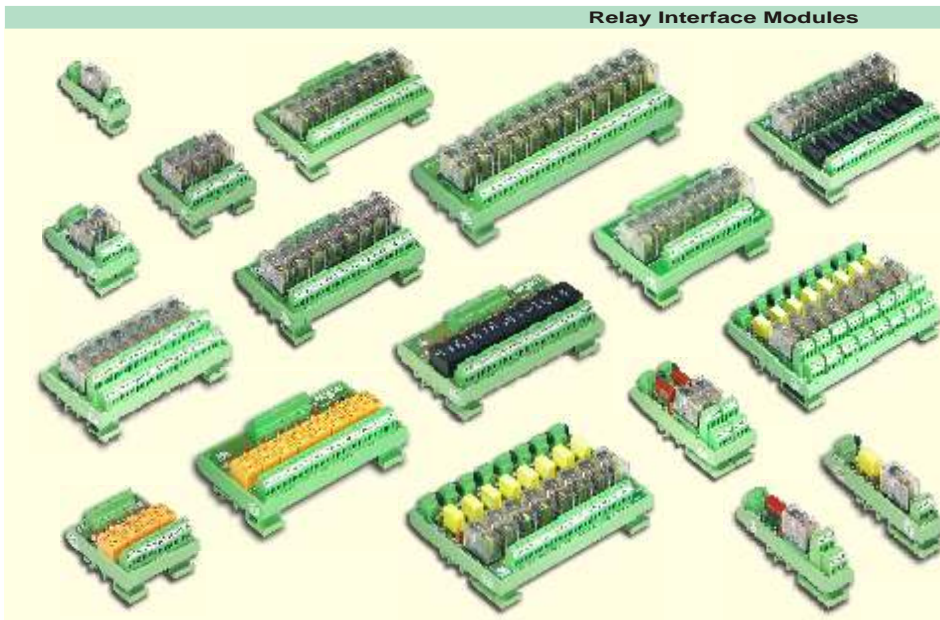



Voltage	Current	
	Redundant	Parallel
12VDC	10A	20A
24VDC	10A	20A
48VDC	20A	40A

All dimensions are in mm

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Interface Modules



Relay Interface Modules

No. Of Channels	1, 2, 4, 6, 8, 12, 16
No. Of Contacts	1 N/O, 1 C/O, 2 C/O
Coil Voltage	AC : 24V, 48V, 110V, 230V DC : 5V, 12V, 24V, 48V, 110V
Coil Looping	Negative, Positive, Isolated
Coil termination	Screw type, for 1.5 mmSq wire
Contact Rating	5A @ 28VDC/ 230VAC
Contact termination	Screw type, for 2.5 mm sq wire
Fuse in pole	Without fuse With fuse & fuse fail indication
Relay Type	Omron: G2R, O/E/N: 58DP Sunhold: Sugercube, O/E/N: Sugercube(61DP)
Relay Socket	Soldered, With Socket
Features	LED & free wheeling diode across coil
Mounting	DIN Rail

- Modules are also available with
- 1) D/FRC connectors for coil terminations.
 - 2) Looped poles.
 - 3) TTL level inputs
 - 4) CNC specific I/O

FRC / D-SUB Connector (M/F)



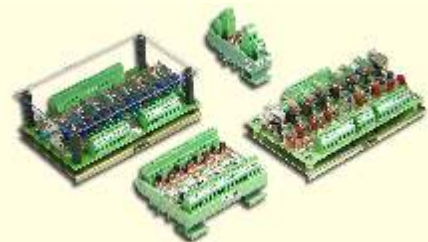
FRC Connector pins	10, 14, 16, 20, 26, 34, 40, 50, 64
D-SUB Connector pins	9, 15, 25, 37, 50

Diode/Resistor Modules



Diodes	Common Anode / Common Cathode / Isolated
Resistors	With common terminal / Isolated
No. of Channels	1, 2, 4, 6, 8, 12, 16

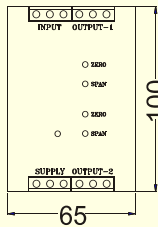
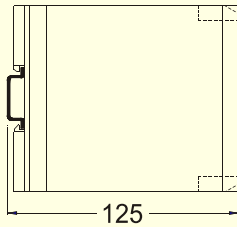
Solid State / Opto Interface Modules



Input	Output	No. of Channels
24VDC	24VDC, 10mA	1, 2, 4, 6, 8, 12, 16
15 mA	24VDC, 2A	
	230VAC, 2A	

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Analog Signal Converters



Input	Output 1	Output 2	Aux. Supply
0-10VDC	4 - 20 mA Load < 500 Ohms	0 - 10VDC Load < 15mA	110VAC 230VAC
4-20mA			
0-75mVDC			
0-1Amp AC			
0-5Amp AC			
1K-10K POT			

Isolation Between : Input - Output : 2 KV AC
 : Input - Aux Supply : 2 KV AC
 : Output - Aux Supply : 2 KV AC
 : Output1 - Output 2 : Nil

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SMPS - Open Frame



No. of Outputs	1, 2, 3, 4
Input	As per requirements
Output	

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Products for Special Applications

Pro_Con : Dedicated Controllers



Model No.	No. Of Input/Output
Pro_Con_13	13
Pro_Con_24	24+
Pro_Con_48	48+

MODBUS I/O Modules



Interface	No. Of Input/Output	Aux. Supply
MODBUS - RTU Signals	8 D/I	230VAC
	8 Relay Contact Output	
	4 D/I + 4 Relay Contact Outputs	

Due to continuous development ,the details are subject to change without prior notice.
 Visit our website www.shavison.com for detailed information of products.
 We welcome development of products to suit your specific requirements.

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