
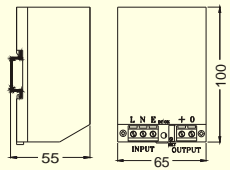


SHAVISON

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.


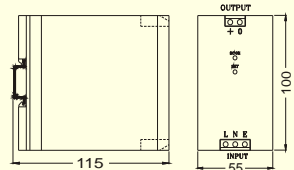
Single Output 24 Watt

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


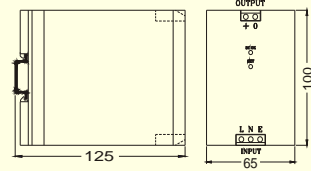
* Precision 10V output for voltage reference or potentiometer

Single Output 60 Watt


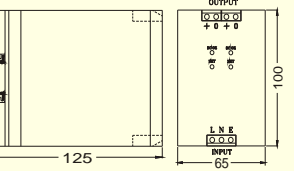
| Input | Output |
|------------------|-------------|
| 110VAC 230VAC | 5V : 4A |
| | 12V : 5A |
| | 15V : 4A |
| | 24V : 2.5A |
| | 48V : 1.25A |

Single Output 120 Watt


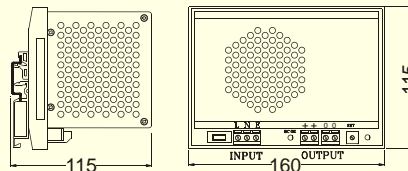
| Input | Output |
|----------------------|------------|
| 110VAC C 230VAC C | 12V : 8A |
| | 15V : 8A |
| | 24V : 5A |
| | 48V : 2.5A |

Dual Output 70 Watt


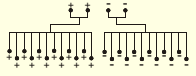
| Input | Output |
|------------------|-------------|
| 110VAC 230VAC | +12V : 4A |
| | -12V : 1.5A |
| | +15V : 3A |
| | -15V : 1.5A |
| | +24V : 2A |
| | +5V : 1.5A |
| | +24V : 2A |
| | +12V : 1.5A |

Single Output 250 Watt


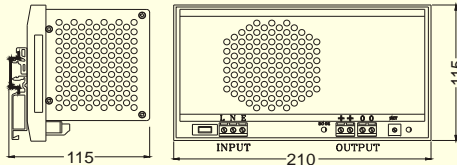
| Input | Output |
|------------------|-----------|
| 110VAC 230VAC | 12V : 15A |
| | 24V : 10A |
| | 48V : 5A |

Power Distribution Module

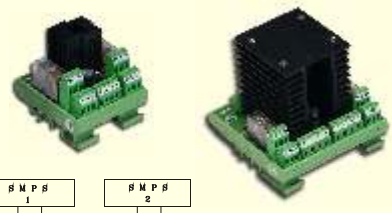
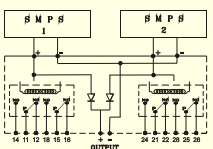
| Input | Output |
|----------------------|--|
| 48VDC max 20A max | 2 X 12 Way terminals rated for 5A each |

Single Output 360/500 Watt

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

Redundancy/Paralleling Module

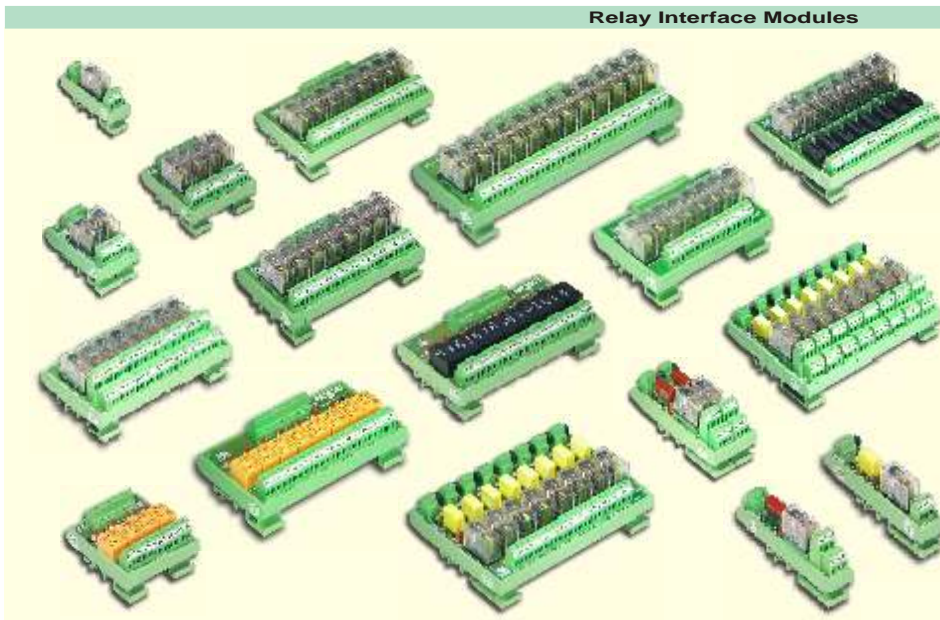



| Voltage | Current | |
|---------|-----------|----------|
| | Redundant | Parallel |
| 12VDC | 10A | 20A |
| 24VDC | 10A | 20A |
| 48VDC | 20A | 40A |

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)



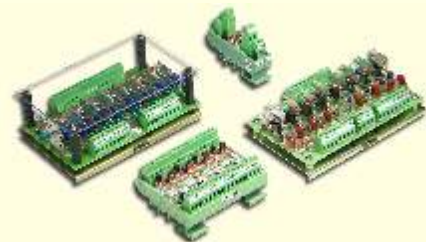
| | |
|----------------------|------------------------------------|
| FRC Connector pins | 10, 14, 16, 20, 26, 34, 40, 50, 64 |
| D-SUB Connector pins | 9, 15, 25, 37, 50 |

Diode/Resistor Modules



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

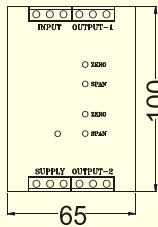
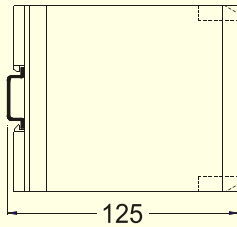
Solid State / Opto Interface Modules



| 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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