



IS 13252 (Part 1): 2010
IEC 60890-1:2005



Mark

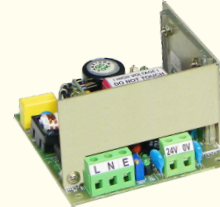
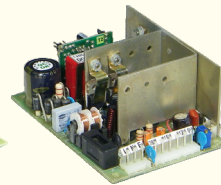
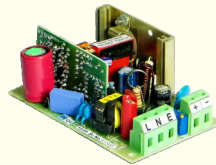
on selected models

I/P Voltages	Universal (100-270VAC), 230VAC/DC, 110VAC/DC, 12VDC, 24VDC, 48VDC
O/P Voltages	5V, 12V, 15V, 24V, 48VDC
O/P Currents	250mA, 500mA, 1A, 1.5A, 2A, 2.5A, 4A, 5A, 8A, 10A, 15A, 20A DC

Single Output SMPS



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



No. of Outputs	1, 2, 3, 4
Input	24, 48, 110, 230VAC/DC
Output	5, 6, 7.5, 9, 12, 15, 18, 24, 36, 48VDC

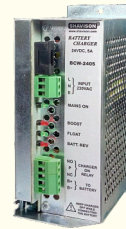
Dual Output SMPS

Open Frame SMPS

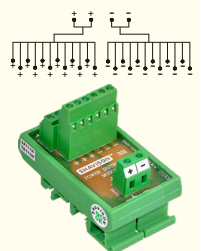
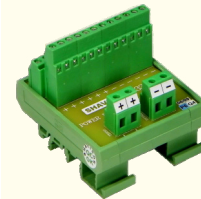


I/P Voltages	230VAC
O/P Voltages	12V, 24V, 36V, 48V
O/P Currents	5A, 10A, 20A

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Battery Chargers



Input	100VDC / 230VAC 20A max
Output	1x6, 2x12 Way terminals rated for 5A each

Power Distribution Module



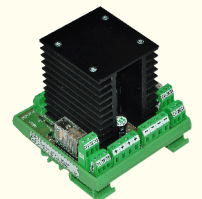
Size	72x72mm, 96x96mm
Features	2 Tone, 8 Tone, LED Flasher with Accept Function on Front and / or Rear, Volume Control
Supply	Universal (12 to 240VDC or 20 to 240VAC), 230VAC, 24VDC

Hooters



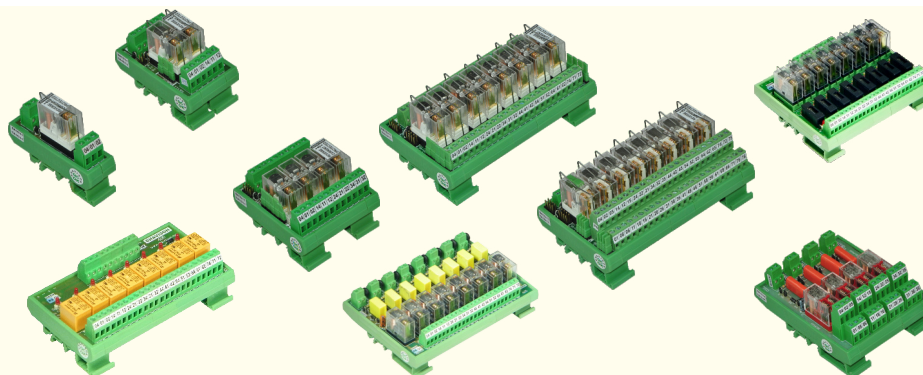
I/P Voltages	110VAC, 230VAC
O/P Voltages	12V, 24V, 36V, 48V
O/P Currents	2A, 4A, 10A

DC UPS



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

Redundancy/Paralleling Module



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	Isolated, Negative, Positive
Coil termination	Screw type, for 1.5 mm sq wire
Contact Rating	5A @ 28VDC / 230VAC
Contact termination	Screw type, for 2.5 mm sq wire

Fuse in pole	Without fuse With fuse and fuse fail indication
Relay Type	O/E/N: 58DP, Omron: G2RL O/E/N : Sugarcube O/E/N 65
Relay Socket	Soldered, With Socket
Features	LED & free wheeling diode across coil
Mounting	DIN Rail

Relay Interface Modules

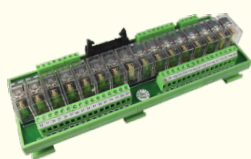


No. of Channels	8
No. of Contacts	1 C/O
Coil Voltage	DC: 5V, 12V, 24V
Coil Looping	Negative or Positive (Factory Set)
Coil Termination	Screw type for 2.5mm sq. wire
Contact Rating	5A @ 28VDC / 230VAC
Contact Termination	Screw type for 2.5mm sq. wire
Relay Type	O/E/N: 58DP, Omron: G2RL O/E/N : Sugarcube O/E/N 65
Features	LED & free wheeling diode across coil, Reverse blocking diode
Mounting	DIN Rail

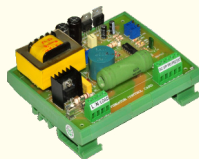
Space Saver Relay Module



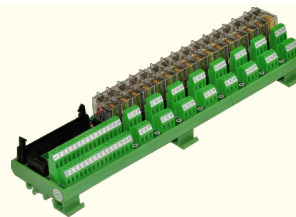
1 C/O 30A Contacts



Coil Connection through
FRC / HE 10



Vibrator Control Card

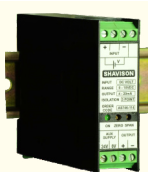


CNC Specific Relay Module



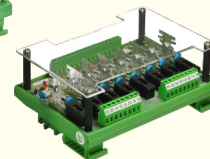
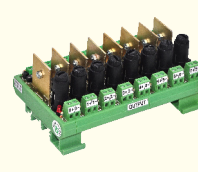
Modbus I/O Modules

Special Types of Products



Input	0 - 20mVDC, 0 - 75mVDC, 0 - 200mVDC, 0 - 5VDC, 0 - 10V DC, 0 - 75VDC, 0 - 120VDC, 0-220VDC, 0 - 20mA, 4 - 20mA, 0 - 1Amp AC, 0 - 5Amp AC, K, J- Type, PT - 100, 1K - 10K POT and More...
Output	0 - 5VDC, 0 - 10VDC, 0 - 20mA, 4 - 20mA, 5 - 10KHZ
No. of Outputs	Single, Dual
Aux. Supply	24VDC, 24VAC/DC, 90-270VAC/DC

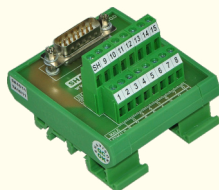
Analog Signal Converters



Solenoid
Driver

Input	Output	No. of Channels
3.3 ~ 30V, 5V, 12V, 24VDC, 15mA	24VDC, 2A, 2.5A 70~270VAC, 2A 12~48VDC, 1.5A	2, 4, 6, 8, 12, 16

SSR Modules



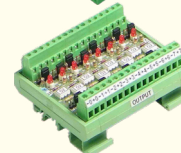
FRC Connector Pins	10, 14, 16, 20, 26, 34, 40, 50, 60, 64
D-SUB Connector pins male / female	9, 15, 25, 37, 50

FRC/D-SUB Connector Cables



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

Diode/Resistor Modules



High Speed
Operation upto 200KHz

Input	Output	No. of Channels
1.3-1.8VDC, 5V, 12V, 24VDC, 110VAC, 230VAC, 15mA, Op. Freq upto 10 KHz	5V-30VDC(15mA)	2, 4, 6, 8, 12, 16
3-12V, 12V-30V, Aux Supply : 24VDC, Operating Freq upto 200 KHz	24VDC(10mA)	4

Opto Interface Modules



IS 13252(Part 1):2010
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R-71016276
www.bis.gov.in

I/P Voltages	18 to 36VDC, 38 to 60VDC
O/P Voltages	5VDC, 12VDC, 24VDC
O/P Currents	1A, 2A, 2.5A, 4A, 5A

DC - DC Converters

We also manufacture special products as below :

- Precision Reference Source : 10V, 20mA
- Vibrator Control Card
- Voltage Monitor Relay
- Coil Connection Through FRC/HE 10 Relay Module
- 1 C/O 30A Contacts 110V AC/DC, 230V AC/DC
- Generator Control Interface Relay Module
- 2C/O High Sensitivity Relay Module (G5V Relay)
- 1N/O with Coil Through FRC Relay Module
- CNC Specific Relay Module
- 2 C/O, with FRC Connection Input & Cascading
- 1 C/O, TTL/Low Current Input Relay Module
- 1 C/O, Low Signal Relays, TTL/Low Current Input
- 2 C/O, TTL/Low Current Input Relay Module
- 2 C/O, with Opto Input Relay Module

Every care is taken for correctness of the details. Please ensure suitability of products for your specific application/use before ordering. Due to continuous development, the details are subject to change without prior notice. Visit our website www.shavison.com for latest information of products. We welcome development of products to suit your specific requirements.

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