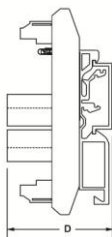
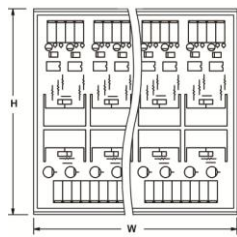
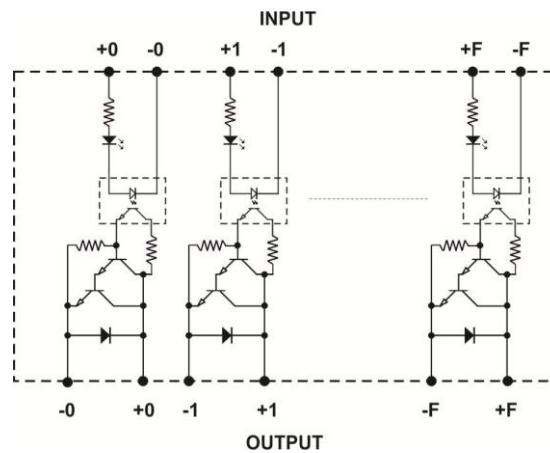


SOLID STATE INTERFACE MODULE WITH OUTPUT: 24V, 2A

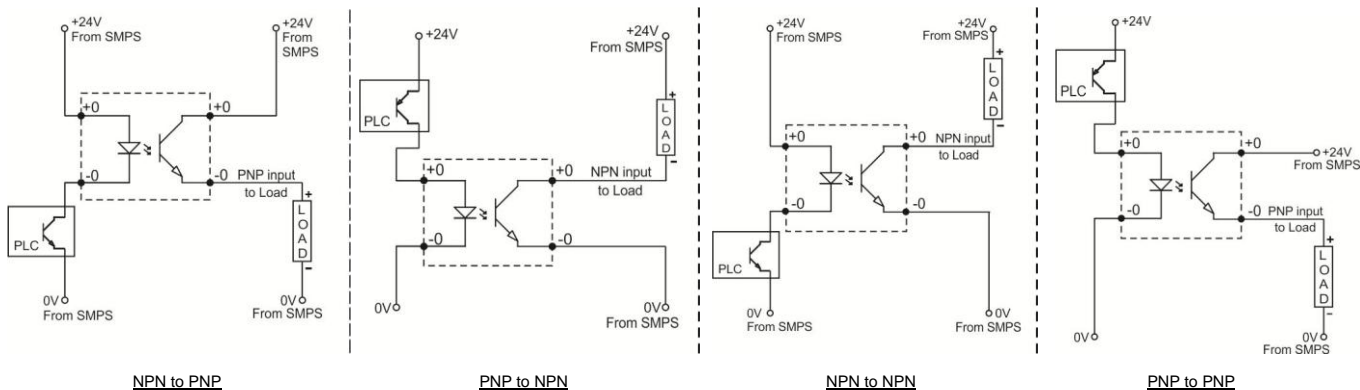


Dimensions



Schematic

Typical Connections : For Resistive Load only [Not recommended for Inductive load. Use AS771 to AS775 (non-isolated) for inductive load]



NPN to PNP

PNP to NPN

NPN to NPN

PNP to PNP

| | | | | | | |
|----------------------|---|--|--|----------------|------------------------------|--------------|
| FEATURES | <ul style="list-style-type: none">Optical Isolation between Input & OutputLow Input CurrentNegligible switching delayCan be used as NPN to PNP Converter or vice versa | | | | | |
| NO. OF CHANNELS | 2, 4, 6, 8, 12, 16 | | | | | |
| INPUT | NOMINAL INPUT VOLTAGE | 5VDC | 12VDC | 15VDC | 24VDC | |
| | MUST - ON VOLTAGE | 4.5VDC | 10.8VDC | 13.5VDC | 21.6VDC | |
| | MUST - OFF VOLTAGE | 1.0VDC | 3.3VDC | 3.3VDC | 7.5VDC | |
| | MAX. INPUT VOLTAGE | 5.5VDC | 13.2VDC | 16.5VDC | 26.4VDC | |
| | INPUT CURRENT PER CHANNEL ⁽¹⁾ | < 15mA | | | | |
| | MAX. OPERATING FREQUENCY | 10KHz | | | | |
| OUTPUT | RATING | 24VDC, 2A Resistive only [Not recommended for Inductive load. Use AS771 to AS775 (non-isolated) for inductive load] | | | | |
| | OFF STATE LEAKAGE CURRENT | < 20µA | | | | |
| DIELECTRIC STRENGTH | 1. Inputs - channel to channel (when isolated) : 100VAC, 50/60 Hz for 1 minute 2. Input to Output : Optical - 500VAC, 50/60 Hz for 1 minute 3. Outputs - channel to channel : 100VAC, 50/60 Hz for 1 minute | | | | | |
| OPERATING AMBIENT | 0~55°C, 85% RH | | | | | |
| STORAGE AMBIENT | -20°C to 85°C | | | | | |
| TERMINATIONS | INPUT SIDE | Screw type, for 2.5mm sq. wire | | | | |
| | OUTPUT SIDE | Screw type, for 2.5mm sq. wire | | | | |
| MOUNTING | 35 mm DIN rail | | | | | |
| ORDERING INFORMATION | <div>AS785 - 24V - 24V</div> <div><div></div><div></div><div></div></div> | | | | | |
| | NO. OF CHANNELS | DESIGN NO. | INPUT VOLTAGE | OUTPUT VOLTAGE | DIMENSIONS W x H x D (mm) | WEIGHT (MAX) |
| | 2 | AS782 | 5V : 5VDC 12V : 12VDC 15V : 15VDC 24V : 24VDC | 24VDC, 2A | 50 x 115 x 70 | 90 grams |
| | 4 | AS783 | | | 70 x 115 x 70 | 150 grams |
| | 6 | AS784 | | | 92 x 115 x 70 | 200 grams |
| | 8 | AS785 | | | 115 x 115 x 70 | 275 grams |
| | 12 | AS786 | | | 170 x 115 x 70 | 390 grams |
| | 16 | AS787 | | | 204 x 115 x 70 | 500 grams |

Note : 1. Current including LED current

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