Screwless SSR Terminal Block (16-point)

ASL Series
CATALOG

For your safety, read and follow the considerations written in the instruction manual, other manuals and Autonics website.
The specifications, dimensions, etc. are subject to change without notice for product improvement. Some models may be discontinued without notice.

Features

- Selectable between independent and load common output with use of jumper bar
- High tensile force and easy wiring with one-touch screwless type terminal
- Easily check of operation status with operation indicator (blue)
- DIN rail mounting
- SSR protection with the cover
- Easy SSR replacement with the SSR ejector

Ordering Information

This is only for reference, the actual product does not support all combinations.
For selecting the specified model, follow the Autonics website.

ASL	-	H	16	MP0	-	❶	N

❶ Input logic
N: NPN
P: PNP

Product Components

- Product
- 6.0 mm pitch jumper bar (JB-6.0-04L) × 2
- Instruction manual
- Ejector

Specifications

Model	ASL-H16MP0-□N
Applied SSR 01)	AQZ202D [Panasonic]
Output method	1a
Power supply	≤ 24 VDC⎓ ±10 %
Current consumption 02)	≤ 4 mA
Rated load voltage & current 03) 04)	60 VAC~ 50/60 Hz, 60 VDC⎓ 2.4 A (25 °C) or 1.7 A (55 °C)
No. of connector pin	20
Connector for controller side	20-pin Omron (XG4A-2031)
Terminal type	Screwless
Terminal pitch	≥ 7.8 mm
Indicator	Power indicator: red, operation indicator: blue
Varistor	None
Input logic	NPN / PNP model
Material	Terminal block: PC, CASE, BASE: MPPO
Approval	CE cULus
Unit weight (packaged)	≈ 278 g (≈ 377 g)

01) For the detailed information about each SSR, please refer to 'SSR' or data sheet from the manufacturer.
02) It is current consumption for a SSR including LED current.
03) This value is rated when using the resistive load. Use proper current for the ambient temperature. (Refer to the 'Temperature Characteristic Graph'.)
04) When connecting loads to output part, please connect loads of same power type. Connecting loads of different power type may cause safety issues.

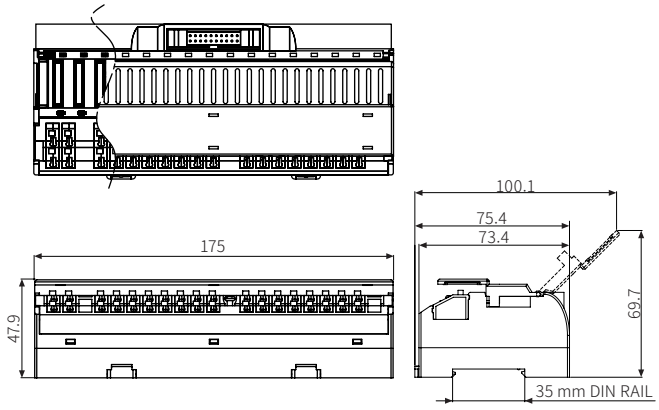
Insulation resistance	≥ 1,000 MΩ (500 VDC⎓ megger)
Dielectric strength (coil-contact)	2,500 VAC~ 50/60 Hz for 1 minute
Dielectric strength (same polarity contact)	1,000 VAC~ 50/60 Hz for 1 minute
Vibration	0.75 mm amplitude at frequency of 10 to 55 Hz (for 1 min) in each X, Y, Z direction for 2 hours
Vibration (malfunction)	0.75 mm amplitude at frequency of 10 to 55 Hz (for 1 min) in each X, Y, Z direction for 10 minutes
Shock	1,000 m/s² (≈ 100 G) in each X, Y, Z direction for 3 times
Shock (malfunction)	100 m/s² (≈ 10 G) in each X, Y, Z direction for 3 times
Ambient temperature	-15 to 55 °C, storage: -25 to 65 °C (no freezing or condensation)
Ambient humidity	35 to 85 %RH, storage: 35 to 85 %RH (no freezing or condensation)
Protection structure	IP20 (IEC standard)

Applicable wire - solid 01)	Ø 0.6 to 1.25 mm
Applicable wire - stranded 01) 02)	AWG 22-18 (0.30 to 0.80 mm²)
Stripped length	8 to 10 mm

01) Use the cable of copper conductor in 60 °C temperature class.
02) When using the stranded wire, use End Sleeve (wire ferrule).

Dimensions

- Unit: mm, For the detailed drawings, follow the Autonics website.



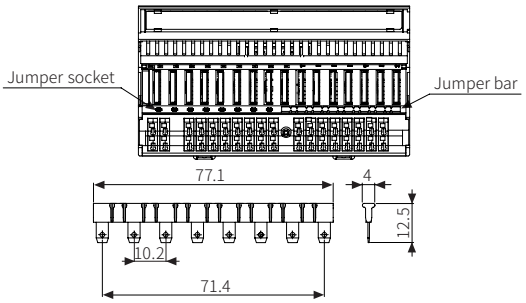
CE cULus LISTED

Sold Separately

- 6.0 mm pitch jumper bar (JB-6.0-04L)

10.2 mm Pitch Jumper Bar (JB-10.2-08L)

1. Using a nipper, cut the notches on the jumper bar as much as you need.
2. Insert the jumper bar at the jumper socket you need.



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