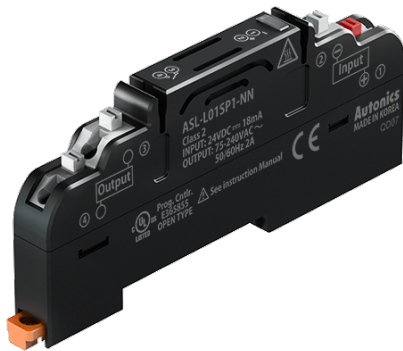


Screwless SSR Terminal Block (1-point)



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, power common input, 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

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 - L 01 ① - ② ③

① SSR type

MP0: AQZ202D (Panasonic)
SP0: AQG12124 (Panasonic)
SP1: AQG22124 (Panasonic)
SR0: G3MC-202P (Omron)
ST0: SN-24A01C (Fujitsu)

② Input logic

N: NPN
P: PNP

③ Varistor

N: None
Y: Equipped

Product Components

- Product × 4
- Instruction manual
- 9.0 mm pitch jumper bar (JB-9.0-04L) × 4

Specifications

Model	ASL-L01MP0-□	ASL-L01SP0-□	ASL-L01SP1-□	ASL-L01SR0-□	ASL-L01ST0-□
Applied SSR ⁽⁰¹⁾	AQZ202D [Panasonic]	AQG12124 [Panasonic]	AQG22124 [Panasonic]	G3MC-202P [Omron]	SN-24A01C [Fujitsu]
Output method	1a	1a	1a	1a	1a
Power supply	≤ 24VDC± ±10%	≤ 24VDC± ±10%	≤ 24VDC± ±10%	≤ 24VDC± ±10%	≤ 24VDC± ±10%
Current consumption ⁽⁰²⁾	≤ 3 mA	≤ 18 mA	≤ 18 mA	≤ 18 mA	≤ 10 mA
Rated load voltage & current ^{(03) (04)}	60 VAC~ 50/60 Hz, 2.7 A 60 VDC± 2.7A	75-240 VAC~ 50/60 Hz 1 A	75-240 VAC~ 50/60 Hz 2 A	24-240 VAC~ 50/60 Hz 2 A	24-240 VAC~ 50/60 Hz 1 A
Terminal type	Screwless				
Terminal pitch	9.0 mm (arranging over 2 units)				
Indicator	Operation indicator: blue				
Varistor	Equipped / not equipped model				
Input logic	NPN / PNP model				
Material	Terminal block: PA66, CASE, BASE: PPS, conducting plate: brass				
Approval	CE, ENEC, EAC	CE, ENEC, EAC	CE, ENEC, EAC	CE, ENEC, EAC	CE, EAC
Unit weight (packaged) ⁽⁰⁵⁾	≈ 19 g (≈ 130 g)	≈ 20 g (≈ 134 g)	≈ 22 g (≈ 140 g)	≈ 24 g (≈ 148 g)	≈ 21 g (≈ 136 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 with resistive load, when the conditions of the temperature characteristic graph are satisfied.
04) When connecting loads to output part, please connect loads of same power type. Connecting loads of different power type may cause safety issues.
05) It is weight per product. The weight in parentheses is for 4 packing units including packing materials.

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) ⁽⁰¹⁾	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/s ² (≈ 100 G) in each X, Y, Z direction for 3 times
Shock (malfunction)	100 m/s ² (≈ 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)

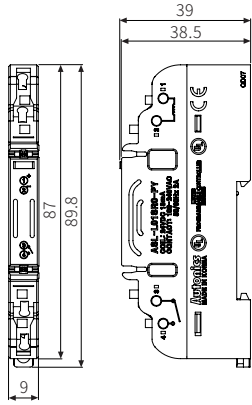
01) Varistor type is 300 VAC~.

Applicable wire - solid ⁽⁰²⁾	Ø 0.6 to 1.25 mm
Applicable wire - stranded ^{(01) (02)}	AWG 22-18 (0.30 to 0.80 mm ²)
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.



Sold Separately

- 9.0 mm pitch jumper bar (JB-9.0-04L)
- DIN Rail bracket (ST-D)

9.0 mm Pitch Jumper Bar (JB-9.0-04L)

It is example of mounting 4 units.

- POWER COMMON: insert the jumper bar in the jumper bar groove above the SSR.
- LOAD COMMON: insert the jumper bar in the jumper bar groove below the SSR.

