Block

(1-point)

Autonics

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	0	-	0	3	
O SSR	type					🖸 Inpu	ut logic	
MP0: AQZ202D (Panasonic)						N: NPN		
SP0: AQG12124 (Panasonic)					P: PNP			
SP1: AQG22124 (Panasonic) SR0: G3MC-202P (Omron) ST0: SN-24A01C (Fujitsu)					3 Vari N: Non Y: Equip	e		

Product Components

Ordering Information

• Product \times 4

• Instruction manual

• 9.0 mm pitch jumper bar (JB-9.0-04L) × 4



Screwless SSR Terminal

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

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	la	1a	1a	1a	1a	
Power supply	≤ 24 VDC== ±10 %	≤ 24 VDC== ±10 %	≤ 24VDC== ±10%	≤ 24 VDC== ±10 %	≤ 24 VDC== ±10 %	
Current consumption ⁰²⁾	\leq 3 mA	\leq 18 mA	\leq 18 mA	\leq 18 mA	\leq 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	Equipted / not equipted model					
Input logic	NPN / PNP model					
Material	Terminal block: PA66, CASE, BASE: PPS, conducting plate: brass					
Approval	C€ c∰us Larsa []][С€ сЩи изтер []][CE : (1) 15 1510	CE ((1) 10 100 []	C€ ERE	
Unit weight (packaged) ⁰⁵⁾	≈ 19 g (≈ 130 g)	≈ 20 g (≈ 134 g)	≈ 22 g (≈ 140 g)	≈ 24 g (≈ 148 g)	≈ 21 g (≈ 136 g)	

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.

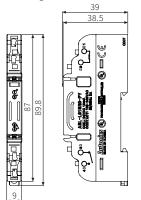
Insulation resistance	\geq 1,000 M Ω (500 VDC= megger)			
Dielectric strength (coil-contact)	2,500 VAC \sim 50/60 Hz for 1 minute			
Dielectric strength (same polarity contact) ⁰¹⁾	1,000 VAC~ 50/60 Hz for 1 minute			
Vibration	0.75 mm amplitude at frequency of 10 to 55 Hz (for 1 min) in each X, Y, Z 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 (\approx 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)			
01) Varistor type i	s 300 VAC~.			

Applicable wire - solid ⁰¹⁾	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.

