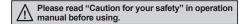
Common Terminal Block

■ Features

- Compact common terminal blocks with 7mm terminal pitch
- No jumper bars required due to built-in common PCB
- For use as power supply expansion terminals
- Compact, space-saving design
- 2 mounting methods (DIN rail, screw mount)



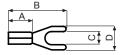


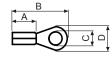


■ Model

Model	Item	Terminal type	No. of terminals	Common type
ACS-20L	Common terminal block	Screw	20.54	Left-Right common
ACS-20T			20 EA	Up-Down common
ACS-40L			40 EA	Left-Right common
ACS-40T				Up-Down common
ACS-50L			50 EA	Left-Right common
ACS-50T				Up-Down common

■ Terminal Specifications





< Spade terminal >

< Ring terminal >

(unit: mm)

					\
	A	В	С	D	Applicable wire
Spade terminal	Min. 4.1	Min. 16.0	Min. 3.0		AWG 22-16
Ring terminal	Min. 4.1	Min. 16.0	Min. 3.0	Max. 5.9	(0.30 to 1.25mm ²)

X Please use UL certified terminals.

Specifications

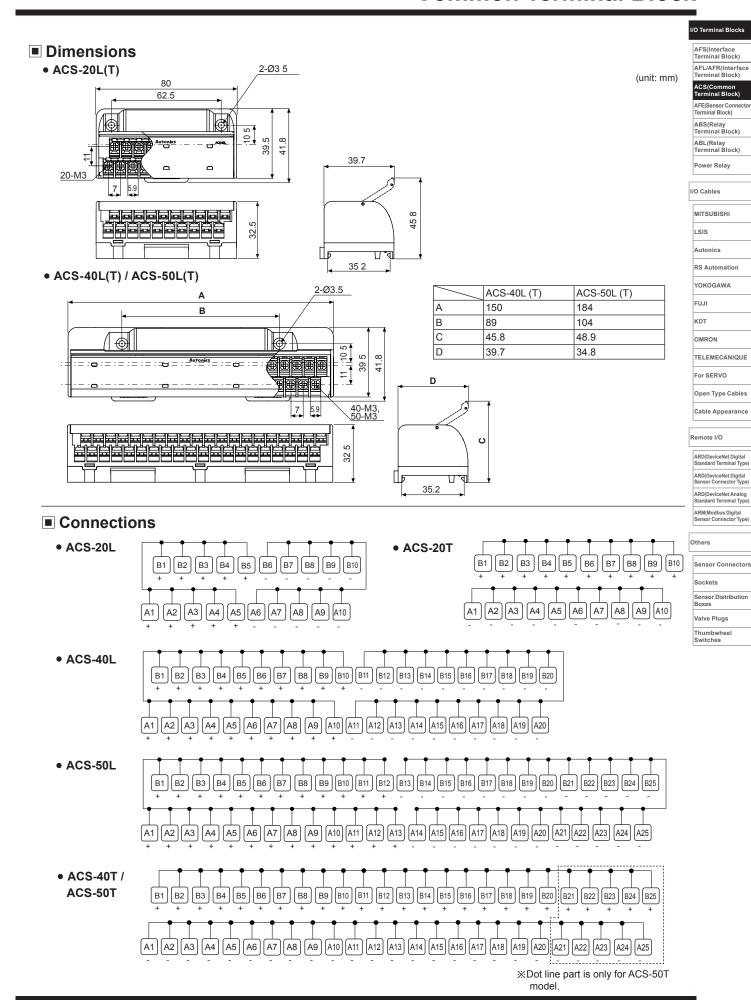
Model		ACS-20L	ACS-20T	ACS-40L	ACS-40T	ACS-50L	ACS-50T		
Power su	Power supply Max. 125VDC, 125VAC 50/60Hz								
Rated cu	ırrent	Max. 10A							
Common type		Left +COM, Right -COM	Up +COM, Down -COM	Left +COM, Right -COM	Up +COM, Down -COM	Left +COM, Right -COM	Up +COM, Down -COM		
No. of terminals		20 EA		40 EA		50 EA			
Terminal	pitch	7.0mm							
Applicab	le wire	AWG22-16 (0.30 to	1.25mm²)	25mm²)					
Insulation resistance Min. 1,000MΩ (at 500VDC megger)									
Dielectric	c strength	600VAC 50/60Hz for 1 min.							
V bration Shock		0.75mm amplitude at frequency of 10 to 55 Hz (for 1 min.) in each X, Y, Z direction for 2 hours							
		150m/s² (15G) in each X, Y, Z direction for 3 times							
Environ-	Ambient temperature	-15 to 55°C, storage: -25 to 65°C							
ment	Ambient humidity	35 to 85%RH, storage: 35 to 85%RH							
Material		CASE: MPPO, TERMINAL PIN: Brass							
Tightening torque		5.1 to 6.1 kgf·cm (0.5 to 0.6 N·m)							
Approval		C € (Uusted							
Weight ^{**1}		Approx. 92g (approx	c. 61g)	Approx. 157g (approx. 115g)		Approx. 189g (approx. 141g)			

X1: The weight includes packaging. The weight in parentheses is for unit only.

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 $[\]ensuremath{\ensuremath{\mathsf{X}}}\xspace Environment resistance is rated at no freezing or condensa ion.$

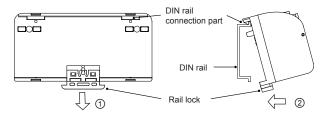
Common Terminal Block



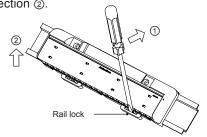
Autonics A-19

Installation

- O Mounting and Removal at DIN rail
 - Mounting
 - 1)Pull the rail lock towards direction ①.
 - 2)Attach the DIN rail connection hook onto the DIN rail
 - 3)Push the unit towards direction ②, then push the rail lock in to lock into position.

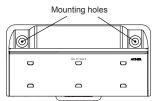


- Removal
- 1)Insert a screwdriver into the rail lock hole and pull it towards direction ①.
- 2)Remove the unit by pulling the unit towards direction ②.



Mounting with screws

- 1)The unit can be mounted on panels using the mounting holes on the side of the unit.
- 2)M3×30mm spring washer screws are recommended for installation. When using flat washers, use Ø6mm diameter washers. The tightening torque should be between 5.1 and 7.14kgf·cm (0.5 to 0.7 N·m).



Caution During Use

- 1. Do not use the product outside of rated temperature and humidity.
- 2. Check to make sure that voltage fluctuation in the power supply is within the rated range.
- 3. When connecting PLC or other controllers, check the power polarity before wiring.
- 4. Use AWG 16 (1.25mm²) wire for power and use appropriate crimp connectors for the terminals.
- 5. Do not connect or disconnect the connector or perform any wiring work while supplied with power.
- 6. Do not use the unit in the following environments.
 - 1 Environments with high vibration or shock.
 - ② Environments where strong alkalis or acids are used.
 - 3 Environments with exposure to direct sunlight.
 - Near machinery which produce strong magnetic force or electric noise
- 7. This unit may be used in the following environments.
 - 1) It shall be used indoor.
 - ② Altitude up to 2,000m
 - 3 Pollution degree 2
 - ④ Installation category II

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