

Common Terminal Blocks

ACS Series



Features

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

Specifications

Model	ACS-20□	ACS-40□	ACS-B40□	ACS-50□
The number of terminal	20	40	40	50
Terminal type	Screw	Screw	Screw	Screw
Terminal block arrangement	Single line	Single line	Double line	Single line
Terminal pitch	7.0 mm	7.0 mm	7.2 mm	7.0 mm
Material	Case, Base: MPPO, terminal: brass	Case, Base: MPPO, terminal: brass	Case, Base: PC, terminal: brass	Case, Base: MPPO, terminal: brass
Approval	CE, RoHS, ENEC	CE, RoHS, ENEC	CE, RoHS	CE, RoHS, ENEC
Unit weight (packaged)	≈ 61 g (≈ 92 g)	≈ 115 g (≈ 157 g)	≈ 120 g (≈ 149 g)	≈ 141 g (≈ 189 g)
Rated voltage	≤ 125 VDC \equiv , 125 VAC~ 50/60 Hz			
Rated current	≤ 10 A			
Insulation resistance	≥ 1,000 M Ω (500 VDC \equiv megger)			
Dielectric strength	2,700 VAC~ 50/60 Hz for 1 minute			
Vibration	0.75 mm amplitude at frequency of 10 to 55 Hz (for 1 minute) in each X, Y, Z direction for 2 hours			
Vibration (malfunction)	0.75 mm amplitude at frequency of 10 to 55 Hz (for 1 minute) in each X, Y, Z direction for 10 minutes			
Shock	150 m/s ² (≈ 15 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)			
Applicable wire - solid	Ø 0.3 to 1.2 mm			
Applicable wire v- stranded	AWG 22-16 (0.30 to 1.25 mm ²)			
Crimp terminal connection tensile strength	≥ 30 N			
Tightening torque	0.5 to 0.6 N·m			



View product detail