

## SHELL STYLES



**MG 00R 28L-50P SPL AA-3999** (NSN 5395-66-147-0144)  
**MG 00R 28L-50S SPL AA-3999** (NSN 5395-66-147-0143)  
 Panel mount connector



**MG 01F 28L-50P SPL AA-3999** (NSN 5395-66-147-0146)  
**MG 01F 28L-50S SPL AA-3999** (NSN 5395-66-147-0145)  
 Cable connecting plug



**MG 06F 28L-50P SPL AA-3999** (NSN 5395-66-147-0142)  
**MG 06F 28L-50S SPL AA-3999** (NSN 5395-66-147-0141)  
 Straight cable connector



**MG 08F 28L-50P SPL AA-3999** (NSN 5395-66-147-0148)  
**MG 08F 28L-50S SPL AA-3999** (NSN 5395-66-147-0147)  
 Right angle connector

These connectors have been certified for use in low voltage electrical installation (Certificate No. 100446/00). One contact is a dedicated earth contact with mate-first/break-last features and is positively connected to the body of the connector.

## TECHNICAL DATA

Materials	
Shell housing, cable adapter, taper ring, clamp body, clamp ferrule & dust cap (finish)	Aluminium alloy with olive drab cadmium plating
Grommet cover	Polyamide
Insulator & grommet	Polychloroprene
Contacts	Copper base alloy - silver plated
'O' ring	Neoprene
Grounding rivet pin	Stainless steel
Operating Specifications	
Operating temperature	-55°C to +125°C
Damp heat	H13
Air pressure (low)	P17: 4.4 kPa
Acceleration (steady state)	A10: 170 m/s <sup>2</sup>
Impact (shock)	S12: 500 m/s <sup>2</sup> , 11 ms
Vibration	V14: 10 to 2000 Hz; 200 m/s <sup>2</sup>
Cable termination	Solder
Insulation resistance	Min 5000 MΩ at 500 V DC
Rated working voltage - AC	240/415 V
Rated current per contact - Amps	46 A
Rated current (connector) - Amps	40 A
Test voltage - AC	2000 V AC rms
Wire size	2.5 to 3.15 mm (10 mm <sup>2</sup> )
Total no. of contacts	5
Contact size	8 AWG