PAG.M0.2GL.AC39G





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	2
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.70 - 3.90 mm
Size	1P
Suggested matching part	PLG.M0.2GL.LG
Series	REDEL P - Push-Pull

Technical details

Electrical Configuration

Max. Solid Conductor 0.5 mm^2 (AWG 20) Max. Stranded Conductor 0.5 mm^2 (AWG 20) Air clearance 1.3 mm Creepage distance 1.3 mm Bucket Dia. 1.1 mm (0.04in) Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG 20 Standard		
R (max) Insert configuration value Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 10 A Test voltage contact-contact 1.7 (kV DC) Max. Solid Conductor 0.5 mm^2 (AWG 20) Max. Stranded Conductor 0.5 mm^2 (AWG 20) Air clearance 1.3 mm Creepage distance 1.3 mm Creepage distance 1.1 mm (0.04in) Contact Dia. 1.1 mm (0.0512in) Wire Size/AWG Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material Locking system Push-pull Keying Grey Colour Grey Variant Grey collet nut	Number of contacts Low Voltage	2
Insert configuration value Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 10 A Test voltage contact-contact 1.7 (kV DC) Max. Solid Conductor 0.5 mm^2 (AWG 20) Max. Stranded Conductor 0.5 mm^2 (AWG 20) Air clearance 1.3 mm Creepage distance 1.3 mm Bucket Dia. 1.1 mm (0.04in) Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Forey Colour Variant Grey collet nut	Contact Termination Low voltage	Solder
Insulator Rated current 10 A Test voltage contact-contact 1.7 (kV DC) Max. Solid Conductor 0.5 mm^2 (AWG 20) Max. Stranded Conductor 0.5 mm^2 (AWG 20) Air clearance 1.3 mm Creepage distance 1.3 mm Bucket Dia. 1.1 mm (0.04in) Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying Grey Colour Grey Variant Grey collet nut	R (max)	3.5 mOhm
Rated current 10 A Test voltage contact-contact 1.7 (kV DC) Max. Solid Conductor 0.5 mm^2 (AWG 20) Max. Stranded Conductor 0.5 mm^2 (AWG 20) Air clearance 1.3 mm Creepage distance 1.3 mm Bucket Dia. 1.1 mm (0.04in) Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG 28 - 20 Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying Grey Variant Grey collet nut	Insert configuration value	1P.M02 - 2 Low Voltage
Test voltage contact-contact Max. Solid Conductor 0.5 mm^2 (AWG 20) Max. Stranded Conductor 0.5 mm^2 (AWG 20) Air clearance 1.3 mm Creepage distance 1.3 mm Bucket Dia. 1.1 mm (0.04in) Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG 28 - 20 Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material Locking system Push-pull Keying Grey Variant Grey Grey Grey Grey Grey collet nut	Insulator	L: PEEK (UL 94 / V-0/1.5)
Max. Solid Conductor Max. Stranded Conductor Air clearance 1.3 mm Creepage distance 1.1 mm (0.04in) Contact Dia. Mire Size/AWG Gender Standard Form & Material Shell style / Model id Plug Straight Housing material Locking system Keying Gery Variant O.5 mm^2 (AWG 20) 1.3 mm 0.5 mm^2 (AWG 20) 1.3 mm (0.04in) 1.3 mm (0.0512in) 28 - 20 Standard Form & Material PA - Straight plug with cable collet Plug Straight Foul (Polysulfone), grey Gender Gender Grey Variant Grey Grey Grey collet nut	Rated current	10 A
Max. Stranded Conductor Air clearance 1.3 mm Creepage distance 1.1 mm (0.04in) Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG Gender Standard Form & Material Shell style / Model id Plug Paysh-pull Locking system Keying Gerey Variant O.5 mm^2 (AWG 20) 1.3 mm (0.04in) 1.3 mm (0.0512in) 1.4 mm (0.0512in) 1.5 mm (0.0512in) 1.6 mm (0.0512in) 1.7 mm (0.0512in) 1.8 mm (0.0512in) 1.9 mm (0.04in) 1.9 mm (0.04in)	Test voltage contact-contact	1.7 (kV DC)
Air clearance 1.3 mm Creepage distance 1.3 mm Bucket Dia. 1.1 mm (0.04in) Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG 28 - 20 Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Max. Solid Conductor	0.5 mm^2 (AWG 20)
Creepage distance 1.3 mm Bucket Dia. 1.1 mm (0.04in) Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG 28 - 20 Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Max. Stranded Conductor	0.5 mm^2 (AWG 20)
Bucket Dia. 1.1 mm (0.04in) Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG 28 - 20 Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Air clearance	1.3 mm
Contact Dia. 1.3 mm (0.0512in) Wire Size/AWG 28 - 20 Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Creepage distance	1.3 mm
Wire Size/AWG Gender Standard Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Bucket Dia.	1.1 mm (0.04in)
Gender Form & Material Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material Locking system Reying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Standard PA - Straight PA - Straight plug with cable collet Straight PSU (Polysulfone), grey G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)	Contact Dia.	1.3 mm (0.0512in)
Shell style / Model id PA - Straight plug with cable collet Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Wire Size/AWG	28 - 20
Shell style / Model id Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Gender	Standard
Plug Straight Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Form & Material	
Housing material PSU (Polysulfone), grey Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Shell style / Model id	PA - Straight plug with cable collet
Locking system Reying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Plug	Straight
Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Grey collet nut	Housing material	PSU (Polysulfone), grey
Colour Grey Variant Grey collet nut	Locking system	Push-pull
Variant Grey collet nut	Keying	
·	Colour	Grey
Weight 4.77 g	Variant	Grey collet nut
	Weight	4.77 g

Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV		
Environmental sealing (IP rating)	IP50		
Endurance	> 5000 mating cycles		
Temperature range	-50°C / +150°C		
F ret (max)	150 N		
F ret (min)	50 N		
Steam sterilization	Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us.		
Cable fixation			
Cable termination protection	Standard back nut (no additional protection)		
Fixation type	Cable collet		
Jacket cable outside diameter [mm]	2.70 - 3.90 mm		

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T28.030PGCE	PVC	GREY	-
CMN.02.T28.030PGZE		grey	5 5
CMN.02.T28.030PNCE	PVC	Black	≥
CMN.02.T28.030PNZE			= =
20140	PVC	Grey	=_ =
20140	PVC	Grey	=_ =
20141	PVC	Grey	
20142	PVC	Red	=_E
20143	PVC	Green	=_E ≪
20144	PVC	Black	=. II ≈
20145	PVC	Yellow	
20146	PVC	Black	E
20240	PTFE	White	=======================================
2050	PVC	Black	==
2080	PVC	Grey	
2260	PTFE	White	=