

Round conductor outgoer, 1-fold, 2.5-4qmm

Part no. **RA-C2-S1-4**
257830

General specifications		
Product name		Eaton Moeller® series Rapid Link Accessory Connection socket
Part no.		RA-C2-S1-4
EAN		4015082578305
Product Length/Depth		158 millimetre
Product height		55 millimetre
Product width		112.5 millimetre
Product weight		0.328 kilogram
Certifications		EN 60664-1 DESINA IEC/EN 60529 EN 61684
Product Tradename		Rapid Link
Product Type		Accessory
Product Sub Type		Connection socket
Features & Functions		
Enclosure material		Polycarbonate
Fitted with:		A pair of gaskets for these cable diameters Lock mechanism
Locking facility		Material of locking facility: Polyamide (PA)
General information		
Accessories		1 lock mechanism and 1 pairs of gaskets for these cable diameters included with supplied equipment.
Accessory/spare part type		Connection technique
Degree of protection		IP65, according to IEC/EN 60529
Product category		Accessories
Type		Connection socket (for power connection cable)
Ambient conditions, mechanical		
Mounting position		As required
Climatic environmental conditions		
Ambient operating temperature - min		-30 °C
Ambient operating temperature - max		50 °C
Ambient storage temperature - min		-40 °C
Ambient storage temperature - max		70 °C
Main circuit		
Rated operational current (Ie)		10 A 25 A (4 mm ²)
Rated operational voltage (Ue) at AC - max		690 V
Rated operational voltage (Ue) at DC - max		24 V
Contacts		
Contact type		Piercing/screw terminals
Design verification		
10.2.2 Corrosion resistance		Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures		Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat		Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects		Meets the product standard's requirements.
10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact		Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions		Meets the product standard's requirements.
10.3 Degree of protection of assemblies		Does not apply, since the entire switchgear needs to be evaluated.

10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Accessories/spare parts for low-voltage switch technology (EC002498)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switching technology (accessories) (ecl@ss13-27-37-13-92 [AKN570018])			
Type of accessory/spare part			Connection technique
Accessory			Yes
Spare part			No