

Three-phase current connector with plug, Pole 3, Devices 2, For use with EMS2-D..., EMS2-D...-SWD..., EMS-R...



Part no. EMS2-XBR-Z-2

197172

**EL Number
(Norway)**

4100385

General specifications		
Product name		Eaton Moeller® series EMS2 three-phase connectors
Part no.		EMS2-XBR-Z-2
EAN		4015080896135
Product Length/Depth		114.5 millimetre
Product height		114.5 millimetre
Product width		22.5 millimetre
Product weight		0.167 kilogram
Certifications		UL report applies to both US and Canada UL 60947-4-1 UL File No.: E338590 Certified by UL for use in Canada CSA-C22.2 No. 60947-4-1-14 CE marking UL Category Control No.: NLDX, NLDX7 UL Listed
Product Tradename		EMS2
Product Type		Accessory
Product Sub Type		Three-phase connectors
Catalog Notes		Conductor cross-section: 2.5 mm ²
Features & Functions		
Number Of Poles		Three-pole
General information		
Accessory/spare part type		Connecting cable
Connection type		Screw terminals
Product category		Accessories Electronic motor starter
Type		Three-phase current connector with plug
Used with		2 devices can be connected
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Design verification		
Heat dissipation capacity Pdiss		0 W
Rated operational current for specified heat dissipation (In)		25 A
Static heat dissipation, non-current-dependent Pvs		0 W
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.
10.2.4 Resistance to ultra-violet (UV) radiation		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.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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 electronic motor control and protection device (EC002615)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Electronic motor control and motor protection device / Electronic motor control and motor protection device (accessories) (ecl@ss13-27-37-08-92 [ACO035016])			
Type of accessory/spare part			Connecting cable
Accessory			Yes
Spare part			No