

Card, SmartWire-DT, for enclosure with 1 mounting location



**Part no.** M22-SWD-I1-LP01  
**115990**  
**EL Number** 4519749  
**(Norway)**

General specifications		
Product name		Eaton Moeller® series M22 Card
Part no.		M22-SWD-I1-LP01
EAN		4015081157303
Product Length/Depth		49 millimetre
Product height		16 millimetre
Product width		47 millimetre
Product weight		0.01 kilogram
Certifications		CSA CSA Class No.: 3211-07 CSA File No.: 2324643 UL UL Category Control No.: NKCR UL File No.: E29184
Product Tradename		M22
Product Type		Card
Product Sub Type		None
Catalog Notes		Circuit boards for M22-I... surface mounting enclosure
Features & Functions		
Fitted with:		Connectable SmartWire-DT network terminator
Functions		For taking bottom function elements
Number of locations		1
General information		
Accessory/spare part type		Accessory
Climatic environmental conditions		
Ambient operating temperature - min		-30 °C
Ambient operating temperature - max		55 °C
Communication		
Connection to SmartWire-DT		Yes
Design verification		
Equipment heat dissipation, current-dependent P <sub>vid</sub>		0 W
Heat dissipation capacity P <sub>diss</sub>		0 W
Heat dissipation per pole, current-dependent P <sub>vid</sub>		0 W
Rated operational current for specified heat dissipation (I <sub>n</sub> )		0 A
Static heat dissipation, non-current-dependent P <sub>vs</sub>		0.3 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 command devices (EC002024)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Command and alarm device (accessories) (ecl@ss13-27-37-12-92 [AC0037015])			
Type of electrical accessory/spare part			Other
Type of mechanical accessory/spare part			Other
Accessory			Yes
Spare part			No