

Paralleling link, for DILM7-12/MP20

Part no. DILM12-XP1
281193
EL Number 4110350
(Norway)

General specifications		
Product name		Eaton Moeller® series DILM paralleling link
Part no.		DILM12-XP1
EAN		4015082811938
Product Length/Depth		34 millimetre
Product height		30 millimetre
Product width		32 millimetre
Product weight		0.039 kilogram
Certifications		CSA Class No.: 3211-03 CSA File No.: 012528 UL File No.: E29096 CE CSA IEC/EN 60947-4-1 UL 508 CSA-C22.2 No. 14-05 UL UL Category Control No.: NLDX
Product Tradename		DILM
Product Type		Accessory
Product Sub Type		Paralleling link
Catalog Notes		4th pole can be broken off AC1 current carrying capacity of the open contactor increases by a factor of 2.5
General information		
Accessory/spare part type		Connecting bridge
Product category		Accessories
Protection		Protected against accidental contact in accordance to VDE 0106 part 100
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		60 °C
Terminal capacities		
Terminal capacity		1 - 16 mm ² , solid 1 x (0.5 - 25) mm ² , stranded 2 x (0.5 - 16) mm ² , flexible with ferrule 6 x 9 x 0.8 mm Number of segments x width x thickness, Flat conductor 2 x (0.5 - 16) mm ² , stranded 1 x (0.5 - 25) mm ² , flexible with ferrule
Screwdriver size		2, Terminal screw, Pozidriv screwdriver
Tightening torque		4 Nm, Screw terminal
Conventional thermal current I_{th}		
Conventional thermal current I _{th} of main contacts (1-pole, open)		50 A
Design verification		
Equipment heat dissipation, current-dependent P _{vid}		0.2 W
Heat dissipation capacity P _{diss}		0 W
Heat dissipation per pole, current-dependent P _{vid}		0.2 W
Rated operational current for specified heat dissipation (I _n)		50 A
Static heat dissipation, non-current-dependent P _{vs}		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 8.0

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 switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])			
Type of accessory/spare part			Connecting bridge
Accessory			Yes
Spare part			No