

Paralleling link, for DILM17-32

Part no. DILM32-XP1
281194
EL Number 4110351
(Norway)

General specifications	
Product name	Eaton Moeller® series DILM paralleling link
Part no.	DILM32-XP1
EAN	4015082811945
Product Length/Depth	43 millimetre
Product height	42 millimetre
Product width	33 millimetre
Product weight	0.055 kilogram
Certifications	CSA File No.: 012528 UL 508 UL File No.: E29096 UL CSA Class No.: 3211-03 IEC/EN 60947-4-1 CSA CE UL Category Control No.: NLDX CSA-C22.2 No. 14-05
Product Tradename	DILM
Product Type	Accessory
Product Sub Type	Paralleling link
Catalog Notes	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 x (16 - 50) mm ² 1 x (16 - 35) mm ² 16 mm ² , solid
Screwdriver size	2, Terminal screw, Pozidriv screwdriver
Tightening torque	4 Nm, Screw terminal
Short-circuit rating	
Short-circuit current rating (basic rating)	5 kA, SCCR (UL/CSA) 125 A, max. Fuse, SCCR (UL/CSA) 125 A, max. CB, SCCR (UL/CSA)
Short-circuit current rating (high fault at 480 V)	10/100 kA, Fuse, SCCR (UL/CSA) 10/65 kA, CB, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA)
Short-circuit current rating (high fault at 600 V)	10/22 kA, CB, SCCR (UL/CSA) 125/125 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA)
Conventional thermal current I_{th}	
Conventional thermal current I _{th} of main contacts (1-pole, open)	100 A
Design verification	
Equipment heat dissipation, current-dependent P _{vid}	0.3 W
Heat dissipation capacity P _{diss}	0 W
Heat dissipation per pole, current-dependent P _{vid}	0.1 W
Rated operational current for specified heat dissipation (I _n)	115 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