

## Paralleling link, for DILM17-32

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

<b>General specifications</b>	
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
<b>General information</b>	
Accessory/spare part type	Connecting bridge
Product category	Accessories
Protection	Protected against accidental contact in accordance to VDE 0106 part 100
<b>Climatic environmental conditions</b>	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	60 °C
<b>Terminal capacities</b>	
Terminal capacity	1 x (16 - 50) mm <sup>2</sup> 1 x (16 - 35) mm <sup>2</sup> 16 mm <sup>2</sup> , solid
Screwdriver size	2, Terminal screw, Pozidriv screwdriver
Tightening torque	4 Nm, Screw terminal
<b>Short-circuit rating</b>	
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)
<b>Conventional thermal current I<sub>th</sub></b>	
Conventional thermal current I <sub>th</sub> of main contacts (1-pole, open)	100 A
<b>Design verification</b>	
Equipment heat dissipation, current-dependent P <sub>vid</sub>	0.3 W
Heat dissipation capacity P <sub>diss</sub>	0 W
Heat dissipation per pole, current-dependent P <sub>vid</sub>	0.1 W
Rated operational current for specified heat dissipation (I <sub>n</sub> )	115 A
Static heat dissipation, non-current-dependent P <sub>vs</sub>	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 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		Connecting bridge
Accessory		Yes
Spare part		No