DATASHEET - DILM150-XP1

Paralleling link, DILM80 to DILM150

Part no.	**DILM150-XP1**
	284769
EL Number (Norway)	**4110365**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller® series DILM paralleling link
Part no.	DILM150-XP1
EAN	4015082847692
Product Length/Depth	102 millimetre
Product height	76 millimetre
Product width	83 millimetre
Product weight	0.957 kilogram
Certifications	CSA-C22.2 No. 14-05 UL Category Control No.: NLDX UL UL File No.: E29096 CSA Class No.: 3211-03 IEC/EN 60947-4-1 CSA CSA File No.: 012528 CE UL 508
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 (35 - 300) mm^2, stranded 2 x (35 - 120) mm^2, stranded 2 x (11 x 21 x 1) mm (Number of segments x width x thickness), Flat conductor
Screw size	5 mm AF, Hexagon socket-head spanner, Terminal screw, Main cables
Tightening torque	14 Nm, Screw terminal

Conventional thermal current Ith

Conventional thermal current ith of main contacts (1-pole, open)	400 A

Design verification

Equipment heat dissipation, current-dependent Pvid	37.8 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	12.6 W
Rated operational current for specified heat dissipation (In)	400 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 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