DATASHEET - DILM12-XEK

Incoming connection block, for DILM7-12

Part no. **DILM12-XEK**
240083

Powering Business Worldwide™

General specifications	
Product name	Eaton Moeller® series DILM connection clamp
Part no.	DILM12-XEK
EAN	4015082400835
Product Length/Depth	43 millimetre
Product height	34 millimetre
Product width	44 millimetre
Product weight	0.044 kilogram
Certifications	UL File No.: E36332 CSA File No.: 012528 IEC/EN 60947-4-1 CE UL 508 UL Category Control No.: NLRV CSA Class No.: 2411-03 CSA-C22.2 No. 14-05 UL CSA
Product Tradename	DILM
Product Type	Accessory
Product Sub Type	Connection clamp
General information	
Product category	Accessories
Suitable for	Round conductor connection Other
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	60 °C
Terminal capacities	
Terminal capacity (flexible with ferrule)	2.5 - 16 mm^2
Terminal capacity (flexible with ferrule AWG)	14 - 8
Terminal capacity (stranded)	2.5 - 16 mm^2
Electrical rating	
Rated operational current (Ie) - max	0 A
Rated operational voltage (Ue) - max	690 V
Rated uninterrupted current (Iu)	35 A
Design verification	
Equipment heat dissipation, current-dependent Pvid	0.3 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0.1 W
Rated operational current for specified heat dissipation (In)	35 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) / Busbar terminal (EC000001)			
Electric engineering, automation, process control engineering / Terminal block systems and system components / Terminal block systems / Busbar terminal (ecl@ss13-27-25-01-16 [BAA025018])			
Busbar thickness		mm	0 - 0
Busbar width		mm	0 - 0
Suitable for			Other
Width clamp		mm	39
Max. conductor cross section		mm^2	16
Max. rated operation current Ie		A	0
Suitable for round conductor connection			Yes
Suitable for sector conductor connection			No
Suitable for strip conductor connection			No