

Incoming connection block, for DILM7-12

Part no. **DILM12-XEK**
240083

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 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)		35 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 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	mm²	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