DATASHEET - DILM225A-XKU-S

Cable terminal block, for DILM185A/225A

Part no.	**DILM225A-XKU-S**
	139561
EL Number (Norway)	**4110222**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller® series DILM cable terminal block
Part no.	DILM225A-XKU-S
EAN	4015081363391
Product Length/Depth	117 millimetre
Product height	44 millimetre
Product width	116 millimetre
Product weight	0.484 kilogram
Certifications	IEC/EN 60947-4-1 CE CSA-C22.2 No. 60947-4-1-14 UL 60947-4-1 UL File No.: E29096 CSA UL CSA Class No.: 3211-04 CSA File No.: 2389068 UL Category Control No.: NLDX
Product Tradename	DILM
Product Type	Accessory
Product Sub Type	Cable terminal block
Catalog Notes	Consisting of 3 box terminals

General information

Accessory/spare part type	Connection terminal
Connection	Connection options: round conductors, flexible and stranded, ribbon cables.
Fitted with:	Control cable connection
Product category	Accessories

Climatic environmental conditions

Ambient operating temperature - min	-40 °C
Ambient operating temperature - max	60 °C

Terminal capacities

Terminal capacity	1 x (16 - 185) mm^2, solid, Main cables 2 x (16 - 150) mm^2, solid, Main cables 1 x (16 - 150) mm^2, flexible with ferrule, Main cables 2 x (16 - 120) mm^2, flexible with ferrule, Main cables 1 x (3 x 9 x 0.8) mm (Number of segments x width x thickness), Flat conductor, Main cable 2 x (10 x 16 x 0.8) mm (Number of segments x width x thickness), Flat conductor, Main cable 1 x (6 AWG-350 MCM) 2 x (6 AWG-350 MCM) 14 Nm, Screw terminals, Main cables 1 x (0.75 - 4) mm^2, solid, Control circuit cables 2 x (0.75 - 4) mm^2, solid, Control circuit cables 1 x (0.75 - 2.5) mm^2, flexible with ferrule, Control circuit cables 2 x (0.75 - 2.5) mm^2, flexible with ferrule, Control circuit cables 18 - 14, Control circuit cables 1.2 Nm, Screw terminals, Control circuit cables

Design verification

Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In)	0 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	Connection terminal
Accessory	Yes
Spare part	No