

Specifications

Eaton 172743

Eaton Moeller® series EMS Control cable connector; 4 Devices

General specifications

PRODUCT NAME	Eaton Moeller® series EMS control cable connector
CATALOG NUMBER	172743
MODEL CODE	EMS-XCW-4
EAN	4015081693016
PRODUCT LENGTH/DEPTH	220 mm
PRODUCT HEIGHT	150 mm
PRODUCT WIDTH	160 mm
PRODUCT WEIGHT	0.03 kg
COMPLIANCES	CE
CATALOG NOTES	Conductor cross-section: 0.75 mm ²

Features & Functions

NUMBER OF POLES	Single-pole
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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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AMBIENT OPERATING TEMPERATURE - MAX	60 °C
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General

ACCESSORY/SPARE PART TYPE	Connecting cable
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PRODUCT CATEGORY	<ul style="list-style-type: none">• Accessories• Electronic motor starter
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USED WITH	4 devices can be connected
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Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0.014 W
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HEAT DISSIPATION CAPACITY PDISS	0 W
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HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.014 W
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RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0.5 A
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STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
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10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
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10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
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10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
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10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
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10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
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10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
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	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.

Resources

APPLICATION NOTES	eaton-motor-starter-ems2-setting-motor-protection-twincat3-ap034001-en-us.pdf
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BROCHURES	eaton-ems2-electronic-motorstarter-brochure-br034001en-en-us.pdf
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DRAWINGS	eaton-contactors-3d-drawing-014.eps
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ECAD MODEL	DA-CE-ETN.EMS-XCW-4
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INSTALLATION INSTRUCTIONS	IL120002ZU IL03407198Z
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INSTALLATION VIDEOS	Eaton's electronic motor starter EMS2
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SALES NOTES	eaton-ems2-electronic-motorstarter-flyer-fl034007en-en-us.pdf
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PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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