

Specifications



Photo is representative

Eaton 290188

Eaton Moeller® series Rapid Link Flat cable outgoer, for 400VAC, +24VDC

General specifications

PRODUCT NAME	Eaton Rapid Link Flexible busbar junction
CATALOG NUMBER	290188
EAN	4015082901882
PRODUCT LENGTH/DEPTH	119 mm
PRODUCT HEIGHT	53 mm
PRODUCT WIDTH	57.5 mm
PRODUCT WEIGHT	0.134 kg
CERTIFICATIONS	EN 60998-2-3 IEC/EN 60529
CATALOG NOTES	Insulation piercing terminals, terminal socket with lock mechanism
MODEL CODE	RA-C1-PLF

General

ACCESSORY/SPARE PART TYPE	Connection technique
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DEGREE OF PROTECTION	IP65, according to IEC/EN 60529
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PRODUCT CATEGORY	Accessories
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TYPE	Connection socket (for power connection cable)
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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
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AMBIENT OPERATING TEMPERATURE - MAX	55 °C
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AMBIENT STORAGE TEMPERATURE - MIN	-40 °C
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AMBIENT STORAGE TEMPERATURE - MAX	70 °C
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Contacts

CONTACT TYPE	IDC termination
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Ambient conditions, mechanical

MOUNTING POSITION	As required
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Main circuit

RATED OPERATIONAL CURRENT (IE)	20 A
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RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	24 V
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RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	500 V
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Design verification

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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10.2.5 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 be evaluated.
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10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
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10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
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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.
10.11 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

[eaton-rapid-link-generation-change-ramo4-ap040081-en-us.pdf](#)

[eaton-rapid-link-generation-change-ra-sp-to-rasp5-ap040196-en-us.pdf](#)

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[Electromagnetic compatibility \(EMC\)](#)

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APPLICATION NOTES

BROCHURES

[eaton-rapid-link-5-brochure-br040014en-en-us.pdf](#)

	eaton-powerxl-variable-frequency-drives-material-handling-brochure-br040017en-en-us.pdf
CATALOGUES	Product Range Catalog Drives Engineering
DECLARATIONS OF CONFORMITY	DA-DC-00003435.pdf DA-DC-00003943.pdf
DRAWINGS	eaton-bus-adapter-rapid-link-accessory-dimensions-002.eps eaton-bus-adapter-rapid-link-accessory-3d-drawing-002.eps
INSTALLATION VIDEOS	Rapid Link 5
MANUALS AND USER GUIDES	MN03406003Z EN

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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