Specifications

Eaton 744-F0190-00P



Catalog Number: 744-F0190-00P

Eaton DG1 SmartWire-DT module for frequency inverter DG1, IP20

General specifications

Product Name
Eaton DXG SmartWire-DT module

Catalog Number
744-F0190-00P

EAN
4015081847969

Product Length/Depth
45 mm

Product Height
130 mm

Product Width
105 mm

Product Weight
0.11 kg

Compliances
CE

Certifications
UL File No.: E134360
UL Category Control No.: NMMS, NMMS7
IEC 61800-5-1
CSA-C22.2 No. 14
IEC/EN61800-3
IEC/EN61800-5
CE marking
UL Listed
UL report applies to both US and Canada

Catalog Notes
2 x M12

Powering Business Worldwide

Product specifications

Used with

DG1

DM1

Product Category

Accessories

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.

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.

Resources

Catalogs

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

Product Range Catalog Drives Engineering

Declarations of conformity

DA-DC-00004620.pdf

Installation instructions

IL040071ZU

Manuals and user guides

MN040002_EN

mCAD model

dxg_net_swd_ip20.stp

dxg_net_swd_ip20

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.

Accessory/spare part type

Communication module

Ambient operating temperature - max

50 °C

Ambient operating temperature - min

-10 °C

Communication

SmartWire-DT, optional

Degree of protection

IP20

Suitable for

Branch circuits, (UL/CSA)



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