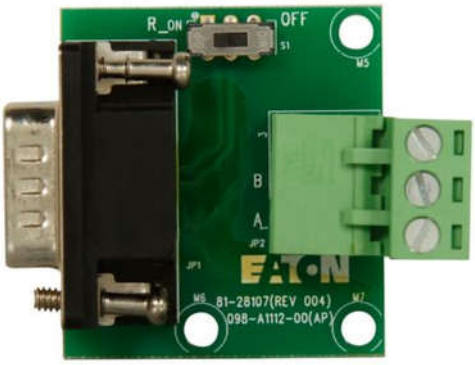
Specifications

Eaton 744-A2618-00P

Catalog Number: 744-A2618-00P

Eaton DG1 D-sub-to-terminal PROFIBUS DP adapter card for DG1 variable frequency drives



General specifications

Product Name	**Catalog Number**
Eaton DXG Communication module	744-A2618-00P
EAN	**Product Length/Depth**
4015081721962	45 mm
Product Height	**Product Width**
130 mm	105 mm
Product Weight	**Compliances**
0.023 kg	CE

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Product specifications

Used with

DG1

Product Category

Accessories

Type

Interface converter from 9-pin SUB-D plug to 3-pin control signal terminal

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.

Resources

Catalogs

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

Product Range Catalog Drives Engineering

Declarations of conformity

DA-DC-00004130.pdf

DA-DC-00003384.pdf

Drawings

8240DRW-428

Installation instructions

IL040068ZU

Manuals and user guides

MN040002_EN

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.

Accessory/spare part type

Communication module

Ambient operating temperature - max

50 °C

Ambient operating temperature - min

-10 °C

Protocol

PROFIBUS-DP



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