

ProfibusDP field bus module for DG1 variable frequency drive



Part no. DXG-NET-PROFIBUS
744-A2617-00P
EL Number 4138122
(Norway)

General specifications		
Product name		Eaton DXG Communication module
Part no.		DXG-NET-PROFIBUS
EAN		4015081721955
Product Length/Depth		45 millimetre
Product height		130 millimetre
Product width		105 millimetre
Product weight		0.023 kilogram
Compliances		CE
Certifications		CSA-C22.2 No. 14 IEC/EN61800-3 UL Category Control No.: NMMS, NMMS7 UL Listed IEC/EN61800-5 CE marking UL File No.: E134360 UL 508C UL report applies to both US and Canada
Product Tradename		DXG
Product Type		Accessory
Product Sub Type		Communication module
Catalog Notes		SUB-D socket, 9-pole
General information		
Accessory/spare part type		Communication module
Degree of protection		IP00
Product Category		Accessories
Suitable for		Branch circuits, (UL/CSA)
Climatic environmental conditions		
Ambient operating temperature - max		50 °C
Ambient operating temperature - min		-10 °C
Communication		
Protocol		PROFIBUS-DP
Design verification		
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 frequency controller (EC002025)			
Electric engineering, automation, process control engineering / Electrical drive / Static frequency converter / Static frequency converter (accessories) (ecl@ss13-27-02-31-92 [AFR303008])			
Type of accessory/spare part			Communication module
Accessory			Yes
Spare part			No