



Part no. DX-NET-PROFIBUS
169124
EL Number 4137444
(Norway)

| General specifications | | |
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| Product name | | Eaton DX Communication module |
| Part no. | | DX-NET-PROFIBUS |
| EAN | | 4015081656042 |
| Product Length/Depth | | 51.8 millimetre |
| Product height | | 22.3 millimetre |
| Product width | | 48 millimetre |
| Product weight | | 0.03 kilogram |
| Certifications | | UL Category Control No.: NMMS, NMMS7 IEC/EN61800-5 UL File No.: E172143 IEC/EN61800-3 UL CE UL report applies to both US and Canada CSA-C22.2 No. 14 Certified by UL for use in Canada UL 508C |
| Product Tradename | | DX |
| 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 |
| Connection | | |
| Connection type | | Plug-in connection |
| 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. |

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| 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

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| 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 |