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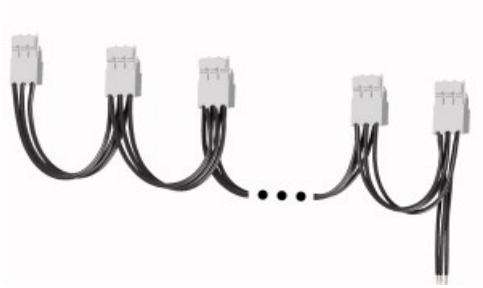
EMS2-XBR-T-2 - Three-phase current connector with plug, Pole 3, Devices 2, For use with EMS2-D..., EMS2-D...-SWD..., EMS-R..., EMS2-R...-SWD...

197176 EMS2-XBR-T-2

Overview Specifications Resources



197176 EMS2-XBR-T-2

Three-phase current connector with plug, Pole 3, Devices 2, For use with EMS2-D..., EMS2-D...-SWD..., EMS-R..., EMS2-R...-SWD...

Alternate Catalog No. EMS2-XBR-T-2

Three-phase current connector, Product range: Electronic motor starter, Accessories, Description: Three-phase current connector with plug, Pole: 3, Devices: 2, For use with: EMS2-D..., EMS2-D...-SWD..., EMS-R..., EMS2-R...-SWD..., Conductor cross-section: 2.5 mm2

Delivery program

Product range
Electronic motor starter
Basic function
Accessories
Description
Three-phase current connector with plug
Pole
3
Devices
2 Number
For use with
EMS2-D...
EMS2-D...-SWD...
EMS-R...
EMS2-R...-SWD...
Conductor cross-section
2.5 mm²

Technical data

General
Ambient temperature
-25 - +70

Design verification as per IEC/EN 61439

Technical data for design verification
Rated operational current for specified heat dissipation [I_n]
25 A
Static heat dissipation, non-current-dependent [P_{vs}]
0 W
Heat dissipation capacity [P_{diss}]
0 W

Operating ambient temperature min.
-25 °C
Operating ambient temperature max.
+70 °C
IEC/EN 61439 design verification
10.2 Strength of materials and parts10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.4 Resistance to ultra-violet (UV) radiation
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.7 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 Insulation properties10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
10.9 Insulation properties10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.
10.9 Insulation properties10.9.4 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 7.0

Low-voltage industrial components (EG000017) / Accessories for electronic motor control and protection device (EC002615)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Electronic motor control and motor protection device / Electronic motor control and motor protection unit (accessories) (ecl@ss10.0.1-27-37-08-92 [ACO035011])
Type of accessory
Connecting cable

Approvals

Product Standards
UL 60947-4-1; CSA C22.2 No. 60947-4-1-14; CE marking
UL File No.
E338590
UL Category Control No.
NLDX, NLDX7
CSA File No.
UL report applies to both US and Canada

North America Certification
UL listed, certified by UL for use in Canada
Specially designed for North America
No

CAD data

- Product-specific CAD data
  (Web)
- 3D Preview
  (Web)

DWG files

- DA-CD-ems2_xbr_t_2
  File
  (Web)

edz files

- DA-CE-ETN.EMS2-XBR-T-2
  File
  (Web)

Step files

- DA-CS-ems2_xbr_t_2
  File
  (Web)

Product photo

- 
  2100PIC-300
  Photo

3D drawing

- 
  2100DRW-473
  Line drawing

Instruction Leaflet

- EMS2 Electronic Motorstarter (IL034064ZU)
  Asset
  (PDF, 07/2019, multilingual)
- Elektronic Motorstarter EMS2, SWD type (IL120004ZU)
  Asset
  (PDF, 07/2019, multilingual)

Declaration of Conformity

EU

- Electronic Motor Starter EMS2 - Safety + Ex (DA-DC-00003979)
  Asset
  (PDF)
- Electronic Motor Starter EMS2 (DA-DC-00003980)
  Asset
  (PDF)

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