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EMS2-XBR-Z-5 - Three-phase current connector with plug, Pole 3, Devices 5, For use with EMS2-D..., EMS2-D...-SWD..., EMS-R..



197175 EMS2-XBR-Z-5

[Overview](#) [Specifications](#) [Resources](#)



197175 EMS2-XBR-Z-5

Three-phase current connector with plug, Pole 3, Devices 5, For use with EMS2-D..., EMS2-D...-SWD..., EMS-R..

Alternate Catalog No.

EMS2-XBR-Z-5

Three-phase current connector, Product range: Electronic motor starter, Accessories, Description: Three-phase current connector with plug, Pole: 3, Devices: 5, For use with: EMS2-D..., EMS2-D...-SWD..., EMS-R..., Conductor cross-section: 2.5 mm²

- [Delivery program](#)
- [Technical data](#)
- [Design verification as per IEC/EN 61439](#)
- [Technical data ETIM 7.0](#)
- [Approvals](#)

Delivery program

Product range
Electronic motor starter
Basic function
Accessories
Description
Three-phase current connector with plug
Pole
3
Devices
5 Number
For use with
EMS2-D..
EMS2-D...-SWD..
EMS-R..
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_r]
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 parts 10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.3 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 parts 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 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 Insulation properties 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9 Insulation properties 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9 Insulation properties 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 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 [ACC035011])

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

CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

DWG files

- [DA-CD-ems2_xbr_z_5](#)
File
(Web)

edz files

- [DA-CE-ETN.EMS2-XBR-Z-5](#)
File
(Web)

Step files

- [DA-CS-ems2_xbr_z_5](#)
File
(Web)

Product photo



[2100PIC-300](#)
Photo

3D drawing



[2100DRW-476](#)
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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