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Worldwide English



PFR-WMA-140 - Magnetic shielding for transformers 140



286004 PFR-WMA-140

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286004 PFR-WMA-140

Magnetic shielding for transformers 140

EL-Nummer (Norway)

4365094

Optional accessories for the circuit-breaker series NZM offers a comprehensive portfolio of application options for use world wide. The mounting is always flexible and easy thanks to the modular function groups. Notes: not UL/CSA approved. Necessary for a load circuit with high inrush currents $> 4 \times I_n$, e. g. motors and capacitors. Can be used for: NZM1, NZM1-4, N1, N1-4, NZM2, NZM2-4, N2, N2-4, NZM3, NZM3-4, N3, N3-4, NZM4, NZM4-4, N4-4

• [Delivery program](#)

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Delivery program

Description

not UL/CSA approved

For use with

PFR-W-140

Notes

Necessary for a load circuit with high inrush currents $> 4 \times I_n$, such as for example motors and

Technical data

Electrical

Standards

IEC

Design verification as per IEC/EN 61439

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 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) / Residual current release for power circuit breaker (EC001021)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Fault current switch for circuit breakers (ec1@ss10.0.1-27-37-04-11 [AKF009013])

Rated control supply voltage U_s at AC 50Hz

0 - 0 V

Rated control supply voltage U_s at AC 60Hz

0 - 0 V

Rated control supply voltage U_s at DC

0 - 0 V

Rated fault current

0 - 0 A

Max. power on-delay time

0 ms

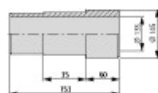
Delay adjustable

No

Max. rated operation voltage U_e

0 V

Dimensions



Product photo



1230PIC-104

Photo

Magnetic shielding



1230PIC-857

Photo

3D drawing

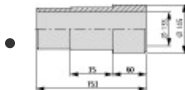


1230DRW-70

Line drawing

Magnetic shielding

Dimensions single product



1230DIM-187

Line drawing

Magnetic shielding

Instruction Leaflet

- [IL01219036Z](#)

Asset

(PDF, Language independent)

Declaration of Conformity

EU

- [DA-DC-03_PFR_181019](#)

Asset

(PDF)

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