



**Magnetic shielding for transformers 70**

**Part no.** PFR-WMA-70  
**Catalog No.** 286002

**EL-Nummer (Norway)** 4365092

Similar to illustration

**Delivery program**

|              |  |                     |
|--------------|--|---------------------|
| Description  |  | not UL/CSA approved |
| For use with |  | PFR-W-70            |
| <b>Notes</b> | Necessary for a load circuit with high inrush currents > 4 x I <sub>n</sub> , 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.   |
| 10.2.3.1 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties   |  |  |
| 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 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 (ecl@ss10.0.1-27-37-04-11 [AKF009013]) |   |       |
| Rated control supply voltage U <sub>s</sub> at AC 50HZ   | V | 0 - 0 |
| Rated control supply voltage U <sub>s</sub> at AC 60HZ   | V | 0 - 0 |
| Rated control supply voltage U <sub>s</sub> at DC  | V | 0 - 0 |

|                                 |    |       |
|---------------------------------|----|-------|
| Rated fault current             | A  | 0 - 0 |
| Max. power on-delay time        | ms | 0     |
| Delay adjustable                |    | No    |
| Max. rated operation voltage Ue | V  | 0     |

## Dimensions

