

RC suppressor circuit, 24 - 48 AC V, For use with: DILM40 - DILM95,  
DILK33 - DILK50, DILMP63 - DILMP200

**Part no.** DILM95-XSPR48  
**Catalog No.** 281205  
**Alternate Catalog No.** XTCEXRSFW  
**EL-Nummer (Norway)** 4131892

Similar to illustration

## Delivery program

|               |                |   |  |
|---------------|----------------|---|--|
| Product range |                |   | Accessories  |
| Accessories   |                |   | Suppressor circuit   |
| Voltage       | U <sub>s</sub> | V | 24 - 48 AC   |
| For use with  |                |   | DILM40 - DILM95<br>DILK33 - DILK50<br>DILMP63 - DILMP200   |
| Instructions  |                |   | For AC operation contactors 50 - 60 Hz.<br>With DC operated contactors and with DILM115 and DILM150 the suppressor is integrated.<br>Note drop-out delay |

## Design verification as per IEC/EN 61439

|  |                   |    |  |
|--|-------------------|----|--|
| Technical data for design verification   |                   |    |  |
| Rated operational current for specified heat dissipation   | I <sub>n</sub>    | A  | 0  |
| Heat dissipation per pole, current-dependent   | P <sub>vid</sub>  | W  | 0  |
| Equipment heat dissipation, current-dependent  | P <sub>vid</sub>  | W  | 0  |
| Static heat dissipation, non-current-dependent   | P <sub>vs</sub>   | W  | 0  |
| Heat dissipation capacity  | P <sub>diss</sub> | W  | 0  |
| Operating ambient temperature min.   |                   | °C | -25  |
| Operating ambient temperature max.   |                   | °C | 60   |
| 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 8.0

|   |  |   |                                       |
|---|--|---|---------------------------------------|
| Low-voltage industrial components (EG000017) / Surge protection module (EC000683)   |  |   |                                       |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Overvoltage limiter (ecl@ss10.0.1-27-37-10-13 [AKF022013]) |  |   |                                       |
| Function  |  |   | Varistor (voltage-sensitive resistor) |
| Rated control supply voltage Us at AC 50HZ  |  | V | 24 - 48                               |
| Rated control supply voltage Us at AC 60HZ  |  | V | 24 - 48                               |
| Rated control supply voltage Us at DC   |  | V | 0 - 0                                 |
| Voltage type for actuating  |  |   | AC                                    |
| With LED indication   |  |   | No                                    |