



Varistor suppressor circuit, 48 - 130 AC V, For use with: DILM17 - DILM32, DILK12 - DILK25, DILL..., DILMP32 - DILMP45

Part no. DILM32-XSPV130
Catalog No. 281213
Alternate Catalog No. XTCEXVSCA
EL-Nummer (Norway) 0004110355

Similar to illustration

Delivery program

| | | | |
|---------------------|-------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product range | | | Accessories |
| Accessories | | | Suppressor circuit |
| Voltage | U_s | V | 48 - 130 AC |
| For use with | | | DILM17 - DILM32 DILK12 - DILK25 DILL... DILMP32 - DILMP45 |
| Contact sequence | | | |
| Instructions | | | For AC operation contactors 50 - 60 Hz. With DC operated contactors and with DILM115 and DILM150 the suppressor is integrated. Note drop-out delay |

Design verification as per IEC/EN 61439

| | | | |
|------------------------------------------------------------------------------------------------------------------------|------------|----|--------------------------------------------------------------------|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | I_n | A | 0 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 0 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 0 |
| Heat dissipation capacity | P_{diss} | 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. |

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|----------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|
| 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. |

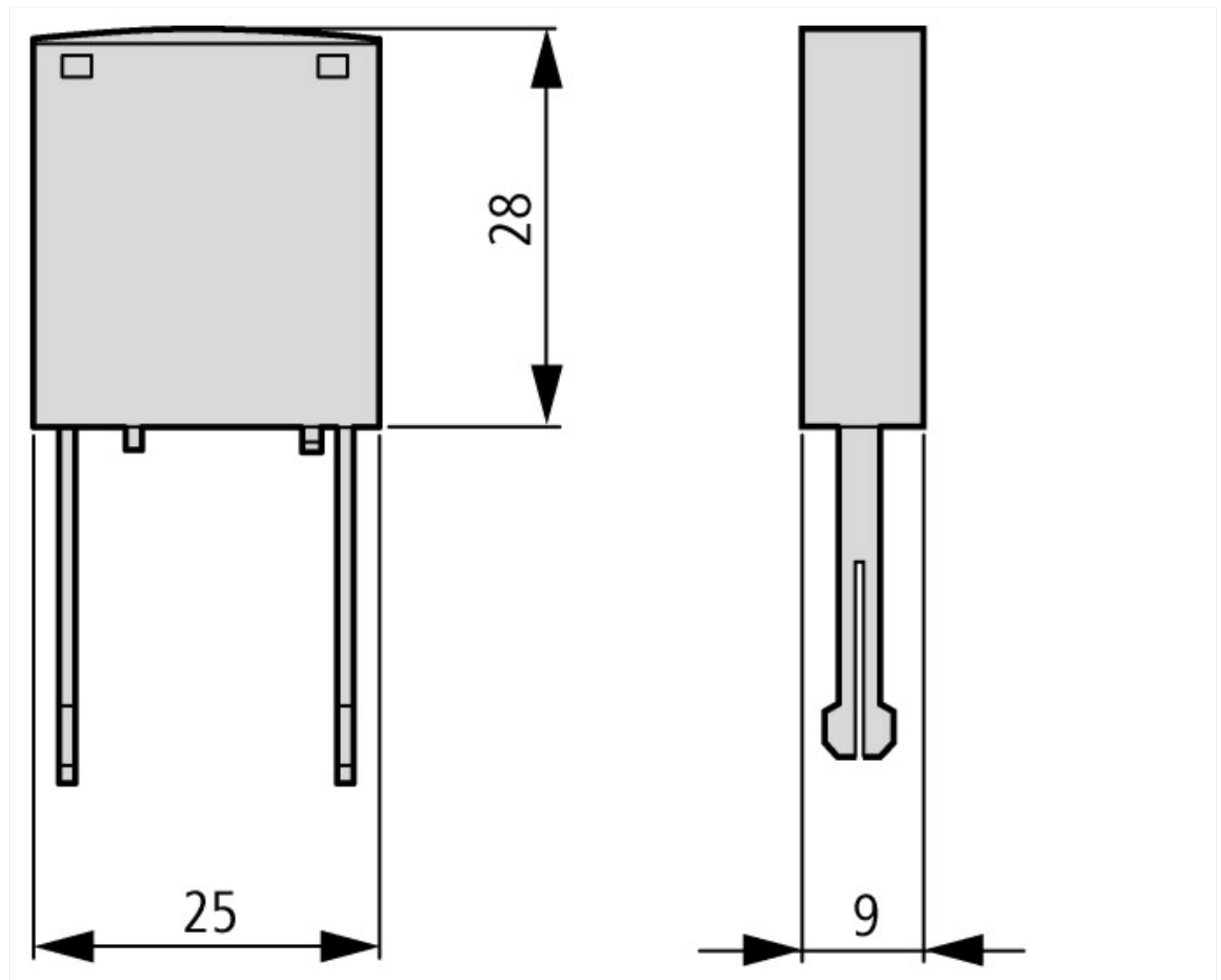
Technical data ETIM 7.0

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------|
| Low-voltage industrial components (EG000017) / Surge protection module (EC000683) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Component for protective circuit (ecl@ss10.0.1-27-37-10-10 [AKF019013]) | | |
| Function | | Varistor (voltage-sensitive resistor) |
| Rated control supply voltage U_s at AC 50HZ | V | 48 - 130 |
| Rated control supply voltage U_s at AC 60HZ | V | 48 - 130 |
| Rated control supply voltage U_s at DC | V | 0 - 0 |
| Voltage type for actuating | | AC |
| With LED indication | | No |

Approvals

| | | |
|--------------------------------------|--|-----------------------------------------------------------|
| Product Standards | | IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking |
| UL File No. | | E29184 |
| UL Category Control No. | | NKCR2, NKCR8 |
| CSA File No. | | 256465 |
| CSA Class No. | | 3211-07 |
| North America Certification | | UL recognized, CSA certified |
| Specially designed for North America | | No |

Dimensions



Assets (links)

Declaration of CE Conformity

00002884

Instruction Leaflets

IL03407014Z2018_07