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Worldwide English



DILM95-XSPVL240 - Varistor suppressor circuit, 130 - 240 AC V, For use with: DILM40 - DILM95, DILK33 - DILK50, DILMP63 - DILMP200



281225 DILM95-XSPVL240

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281225 DILM95-XSPVL240

Varistor suppressor circuit, 130 - 240 AC V, For use with: DILM40 - DILM95, DILK33 - DILK50, DILMP63 - DILMP200

Alternate Catalog No.

XTCEXV/SLFB

EL-Nummer (Norway)

4110361

Varistor suppressor circuit, Accessories: Suppressor circuit, Voltage: U_s 130 - 240 AC V, For use with: DILM40 - DILM95, DILK33 - DILK50, DILMP63 - DILMP200

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- [Design verification as per IEC/EN 61439](#)

- [Technical data ETIM 7.0](#)

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Delivery program

Product range

Accessories

Accessories

Suppressor circuit

Voltage [U_s]

130 - 240 AC V

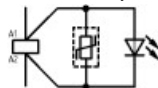
For use with

DILM40 - DILM95

DILK33 - DILK50

DILMP63 - DILMP200

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_r]

0 A

Heat dissipation per pole, current-dependent [P_{id}]

0 W

Equipment heat dissipation, current-dependent [P_{id}]

0 W

Static heat dissipation, non-current-dependent [P_{is}]

0 W
 Heat dissipation capacity [P_{diss}]
 0 W
 Operating ambient temperature min.
 -25 °C
 Operating ambient temperature max.
 +60 °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) / Surge protection module (EQ000683)
 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
 130 - 240 V
 Rated control supply voltage U_s at AC 60Hz
 130 - 240 V
 Rated control supply voltage U_s at DC
 0 - 0 V
 Voltage type for actuating
 AC
 With LED indication

Yes

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

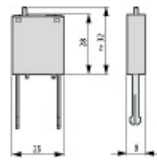
North America Certification

UL recognized, CSA certified

Specially designed for North America

No

Dimensions



CAD data

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

DWG files

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

edz files

- [DA-CE-ETN.DILM95-XSPVL240](#)
File
(Web)

Step files

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

Additional product information

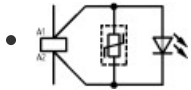
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- [Effect of the Cable Capacitance of Long Control Cables on the Actuation of Contactors](#)
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(PDF)
- [Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts](#)
(PDF)
- [The Interaction of Contactors with PLCs](#)

(PDF)

- [Busbar Component Adapters for modern Industrial control panels](#)

(PDF)

Wiring diagram

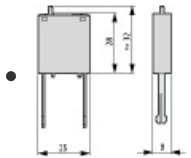


[210S139](#)

Line drawing

Overvoltage protection module with LED

Dimensions single product

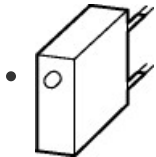


[210X227](#)

Line drawing

Suppressor with LED

3D drawing



[210D240](#)

Line drawing

Suppressor with LED

Product photo



[210A253](#)

Photo

Suppressor: Varistor with LED

Instruction Leaflet

- [Contactors DILM\(IL03407039Z\)](#)

Asset

former AWA2100-2286, Pub51188

(PDF, 07/2021, multilingual)

Standards



[000Z153](#)

Logo

xStart logo

Declaration of Conformity

EU

- [Contactors for capacitors DILK \(DA-DC-00004061\)](#)

Asset

(PDF)

- [DILM40-DILM72 - Contactors & contactor combinations \(DA-DC-00004070\)](#)

Asset

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