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Worldwide English



RCDILE250 - RC suppressor circuit, 110 - 250 AC V, For use with: DILE..



046320 RCDILE250

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046320 RCDILE250

RC suppressor circuit, 110 - 250 AC V, For use with: DILE..

Alternate Catalog No.

XTMCXRSB

EL-Nummer (Norway)

4110172

RC suppressor circuit, Accessories: Suppressor circuit, Description: RC suppressor, Actuating voltage: U_s 110 - 250 AC V, For use with: DILE..

- [Delivery program](#)

Design verification as per
IEC/EN 61439

- [Technical data ETIM 7.0](#)

- [Approvals](#)

- [Dimensions](#)

Delivery program

Accessories

Suppressor circuit

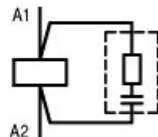
Description

RC suppressor

Actuating voltage [U_s]

110 - 250 AC V

Contact sequence



For use with

DILE..

Instructions

For AC operation contactors 50 - 60 Hz.

The suppressor is fitted as standard in DC operated contactor relays.

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]

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_{s}]
 0 W
 Heat dissipation capacity [P_{diss}]
 0 W
 Operating ambient temperature min.
 -25 °C
 Operating ambient temperature max.
 +50 °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

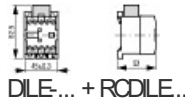
Low-voltage industrial components (EG000017) / Surge protection module (EC000683)
 Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) /
 Component for protective circuit (ecl@ss10.0.1-27-37-10-10 [AKF019013])
 Function
 RC-element
 Rated control supply voltage U_s at AC 50Hz
 110 - 250 V
 Rated control supply voltage U_s at AC 60Hz
 110 - 250 V
 Rated control supply voltage U_s at DC

0 - 0 V
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
CSA File No.
-
North America Certification
UL recognized
Specially designed for North America
No

Dimensions



CAD data

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

DWG files

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

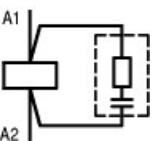
edz files

- [DA-CE-ETN.RODILE250](#)
File
(Web)

Step files

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

Wiring diagram

- 
[250S024](#)
Line drawing
RC suppressors

3D drawing



2501008

Line drawing

Varistor suppression element

Dimensions single product



210X048

Line drawing

Suppressor

Product photo



210A165

Photo

RC suppressor, varistor suppressor

Declaration of Conformity

UK

- [DILE \(DA-DC-00003709\)](#)
Asset
(PDF)

EU

- [DILE EA \(DA-DC-00004065\)](#)
Asset
(PDF)
- [DILE \(DA-DC-00004068\)](#)
Asset
(PDF)

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