DILM32-XSPR48 - RC suppressor circuit, 24 - 48 AC V, For use with: DILM17 - DILM32, DILK12 - DILK25, DILL…, DILMP32 - DILMP45

281202 DILM32-XSPR48

281202 DILM32-XSPR48

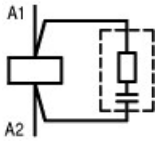
RC suppressor circuit, 24 - 48 AC V, For use with: DILM17 - DILM32, DILK12 - DILK25, DILL…, DILMP32 - DILMP45

Alternate Catalog No.	XTCEXRSCW
EL-Nummer (Norway)	4131890

RC suppressor circuit, Accessories: Suppressor circuit, Voltage: Us 24 - 48 AC V, For use with: DILM17 - DILM32, DILK12 - DILK25, DILL…, DILMP32 - DILMP45

Delivery program

Product range
Accessories
Accessories
Suppressor circuit
Voltage [U_s]
24 - 48 AC V
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]
0 A
Heat dissipation per pole, current-dependent [P_{vid}]

0 W
Equipment heat dissipation, current-dependent [P_{vid}]
0 W
Static heat dissipation, non-current-dependent [P_{vs}]
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 parts10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.3 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 parts10.2.4 Resistance to ultra-violet (UV) radiation
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.7 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 properties10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
10.9 Insulation properties10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.
10.9 Insulation properties10.9.4 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

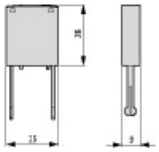
Low-voltage industrial components (EG000017) / Surge protection module (EC000683)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Component for protective circuit (ecl@ss10.0.1-27-37-10-10 [AKF019013])
Function
RC-element
Rated control supply voltage Us at AC 50HZ
24 - 48 V
Rated control supply voltage Us at AC 60HZ
24 - 48 V
Rated control supply voltage Us 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, 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_a
  File
  (Web)

edz files

- DA-CE-ETN.DILM32-XSPR48
  File
  (Web)

Step files

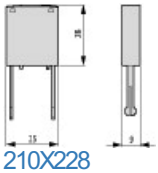
- DA-CS-dil_m_xsp_a
  File
  (Web)

Additional product information

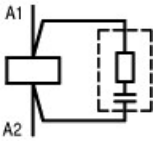
- Motor starters and "Special Purpose Ratings" for the North American market
  (PDF)
- Switchgear of Power Factor Correction Systems
  (PDF)
- X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely
  (PDF)
- Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions
  (PDF)
- Effect of the Cabel Capacitance of Long Control Cables on the Actuation of Contactors
  (PDF)
- Switchgear for Luminaires

(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)

Dimensions single product

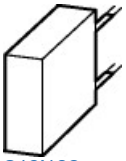
- 
210X228
Line drawing
Suppressor

Wiring diagram

- 

250S024
Line drawing
RC suppressors

3D drawing

- 
210I108
Line drawing
Suppressor

Product photo

- 
2100PIC-66
Photo
Suppressor: RC suppressor

Instruction Leaflet

- DILM Contactors (IL03407014Z)
Asset
former AWA2100-2127
(PDF, 05/2020, multilingual)

Standards

- xStart
000Z153
Logo
xStart logo

Declaration of Conformity

EU

- DILM8-11...-PI - DILM38-11...-PI - Contactors & Contactor combinations (DA-DC-00004060)
  Asset
  (PDF)
- Contactors for capacitors DILK (DA-DC-00004061)
  Asset
  (PDF)
- Lighting contactors (DA-DC-00004094)
  Asset
  (PDF)
- DILM17-DILM38 - Contactors and contactor combinations (DA-DC-00004096)
  Asset
  (PDF)
- DILM17-DILM38 -EA - Contactors and contactor combinations (DA-DC-00004102)
  Asset
  (PDF)
- PKZM0 Motor Starter Combinations MSC frame size 2 (DA-DC-00004106)
  Asset
  (PDF)
- PKE Motor Starter Combination MSC-D(M)E(A) Frame size 2 (DA-DC-00004109)
  Asset
  (PDF)

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