DATASHEET - RCDILE250-C

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

Part no.	**RCDILE250-C**
Catalog No.	**230268**
Alternate Catalog No.	**XTMCXRSCB**

EA•TON
Powering Business Worldwide™

Delivery program

Accessories			Suppressor circuit
Description			RC suppressor
Actuating voltage	U$_s$	V	110 - 250 AC
Contact sequence			A1 A2
For use with			DILE…-C

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$_n$	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	50
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 7.0

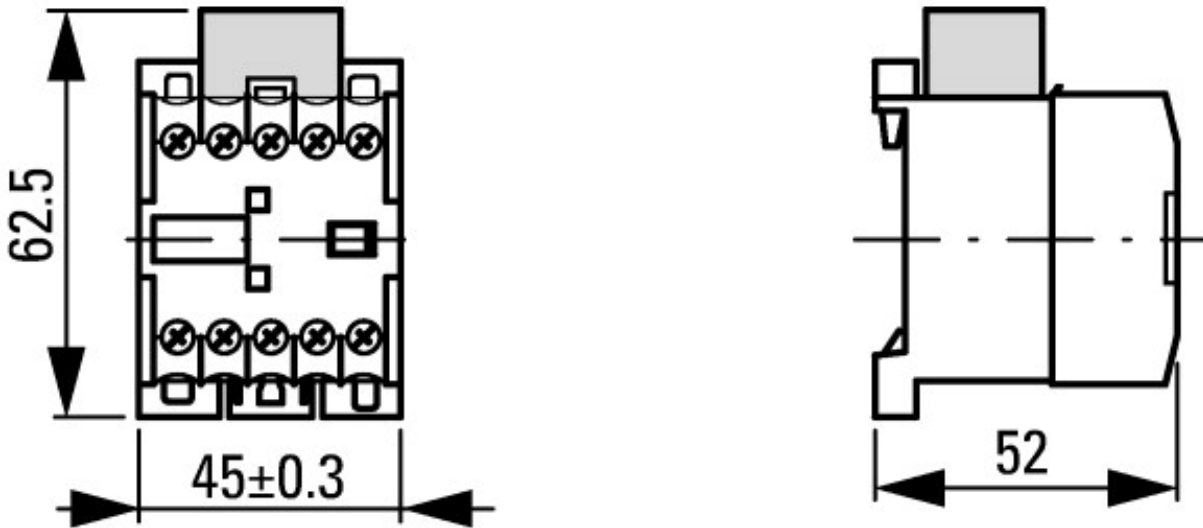Low-voltage industrial components (EG000017) / Surge protection module (EC000683)

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	V	250 - 250
Rated control supply voltage Us at AC 60HZ	V	250 - 250
Rated control supply voltage Us 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
CSA File No.		-
North America Certification		UL recognized
Specially designed for North America		No

Dimensions

DILE-... + RCDILE...