DATASHEET - RCDILE48

RC suppressor circuit, 24 - 48 AC V, For use with: DILE...

Part no.	RCDILE48
	044264

General specifications

Product name		Eaton Moeller® series DILE Accessory RC suppressor circuit
Part no.		RCDILE48
EAN		4015080442646
Product Length/Depth		16 millimetre
Product height		29 millimetre
Product width		33 millimetre
Product weight		0.009 kilogram
Certifications		UL Category Control No.: NKCR2
		IEC/EN 60947-4-1
		CE
		CSA-C22.2 No. 14-05
		CSA File No.: none
		UL File No.: E29184
		UL 508
		UL Recognized
Product Tradename		DILE
Product Type		Accessory
Product Sub Type		RC suppressor circuit

Features & Functions

Functions		RC-element

General information

Product category		Accessories
Voltage type		AC

Climatic environmental conditions

Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		50 °C

Magnet system

Rated control supply voltage (Us) at AC, 50 Hz - min		24 V
Rated control supply voltage (Us) at AC, 50 Hz - max		48 V
Rated control supply voltage (Us) at AC, 60 Hz - min		24 V
Rated control supply voltage (Us) at AC, 60 Hz - max		48 V
Rated control supply voltage (Us) at DC - min		0 V
Rated control supply voltage (Us) at DC - max		0 V

Design verification

Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdiss		0 W
Heat dissipation per pole, current-dependent Pvid		0 W
Rated operational current for specified heat dissipation (In)		0 A
Static heat dissipation, non-current-dependent Pvs		0 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0

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@ss13-27-37-10-10 [AKF019018])			
Function			RC-element
Voltage type (operating voltage)			AC
Operating voltage AC 50 Hz		V	24 - 48
Operating voltage AC 60 Hz		V	24 - 48
Operating voltage DC		V	0 - 0
With LED indication			No