



## Varistor suppressor, 48VAC, for DILE, screw connection

**Part no.** VGDILE48  
**Catalog No.** 010320  
**Eaton Catalog No.** XTMCXVSW  
**EL-Nummer (Norway)** 4130397

### Delivery program

Accessories			Suppressor circuit
Description			Varistor suppressor
Actuating voltage	$U_s$	V	24 - 48 AC
Contact sequence			
For use with			DILE...
<b>Instructions</b> 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 max.		°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			
10.2.3.1 Verification of thermal stability of enclosures			
10.2.3.2 Verification of resistance of insulating materials to normal heat			
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			
10.2.4 Resistance to ultra-violet (UV) radiation			
10.2.5 Lifting			
10.2.6 Mechanical impact			
10.2.7 Inscriptions			
10.3 Degree of protection of ASSEMBLIES			
10.4 Clearances and creepage distances			
10.5 Protection against electric shock			
10.6 Incorporation of switching devices and components			
10.7 Internal electrical circuits and connections			
10.8 Connections for external conductors			
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			
10.9.3 Impulse withstand voltage			
10.9.4 Testing of enclosures made of insulating material			
10.10 Temperature rise			
10.11 Short-circuit rating			
10.12 Electromagnetic compatibility			

## Technical data ETIM 6.0

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@ss8.1-27-37-10-10 [AKF019010])

Function		Varistor (voltage-sensitive resistor)
Rated control supply voltage $U_s$ at AC 50HZ	V	24 - 48
Rated control supply voltage $U_s$ at AC 60HZ	V	24 - 48
Rated control supply voltage $U_s$ 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.		E29096
UL Category Control No.		NLDX
CSA File No.		012528
CSA Class No.		3211-03
North America Certification		UL listed, CSA certified
Specially designed for North America		No

## Dimensions

