#### **DATASHEET - DILM95-XSPR240**



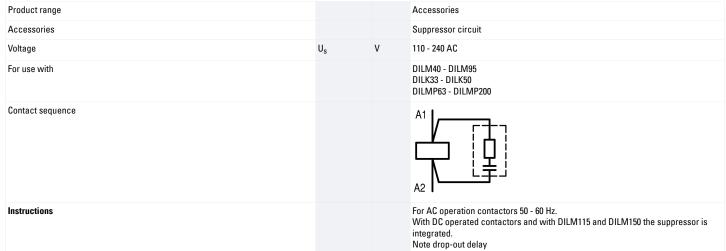
RC suppressor circuit, 110 - 240 AC V, For use with: DILM40 - DILM95, DILK33 - DILK50, DILMP63 - DILMP200



Part no. DILM95-XSPR240 Catalog No. 281206 Alternate Catalog XTCEXRSFB No. EL-Nummer 4131893 (Norway)

Similar to illustration

### **Delivery program**



#### Design verification as per IEC/EN 61439

Technical data for design verification     Na     Na     Second data for design verification       Rated operational current for specified heat dissipation     Na     Quada				
Head dissipation per pole, current-dependent     Pade     Pad	Technical data for design verification			
Equipment heat dissipation, current-dependent     Pair Static heat dissipation, on-current-dependent     Pair Poir Static heat dissipation, on-current-dependent     Pair Poir Poir Static heat dissipation capacity     Poir Poir Poir Poir Static heat dissipation capacity     Poir Poir Poir Poir Poir Poir Static heat dissipation capacity     Poir Poir Poir Poir Poir Poir Poir Poir	Rated operational current for specified heat dissipation	In	А	0
Static heat dissipation, non-current-dependent     Pors     Wet       Paise     Poise     Wet     Generation       Poise	Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Hatd issipation capacity     Pdus     P	Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Operating ambient temperature min.     °C     6       Operating ambient temperature max.     °C     6       IEC/EN 81438 design verification     °C     6       10.2 Strength of materials and parts      Meets the product standard's requirements.       10.2.2 Corrosion resistance     Meets the product standard's requirements.     Meets the product standard's requirements.       10.2.3.1 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects     Meets the product standard's requirements.       10.2.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects     Meets the product standard's requirements.       10.2.2.1 Norrigitons     Meets the product standard's requirements.       10.2.2 Lotifing     Does not apply, since the entire switchgear needs to be evaluated.       10.2.2 Lotifing     Does not apply, since the entire switchgear needs to be evaluated.       10.2.2 Nacrightons     Does not apply, since the entire switchgear needs to be evaluated.       10.2.2 Nacrightons     Does not apply, since the entire switchgear needs to be evaluated.       10.2.2 Nacrightons     Does not apply, since the entire switchgear needs to be evaluated.       10.2.4 Resistance to utra-violet (UV) radiaton     Meets the product standard's requirements.	Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	0
Operating ambient temperature max.     Perature max.	Heat dissipation capacity	P <sub>diss</sub>	W	0
LEX/EN 61439 design verificationImage: Construct of materials and parts10.2.2 Corrosion resistanceMeets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heatMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heatMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.3.1 Serptection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5.1 Strotection against electric shockMeets the product standard's requirements.10.5.1 Strotection of switching devices and componentsMeets the product standard's requirements.10.5.1 Strotection of switching devices and componentsMeets the product standard's requirements.10.5.1 Strotection for external conductorsMeets the product standard's requirements.10.5.2 Strotection for external conductorsMeets the product standard's requirements.10.5.1 Strotection for external conductorsMeets the product standard's requirements.10.5.2 Strotection for external conductorsMeets the product standard's requirements.10.5.1 Merend electric al circuits and connections	Operating ambient temperature min.		°C	-25
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10.9 Insulation properties Image: Constraint of the panel builder's responsibility.   10.9.2 Power-frequency electric strength Image: Constraint of the panel builder's responsibility.	10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength Is the panel builder's responsibility.	10.8 Connections for external conductors			Is the panel builder's responsibility.
	10.9 Insulation properties			
10.9.3 Impulse withstand voltage	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**

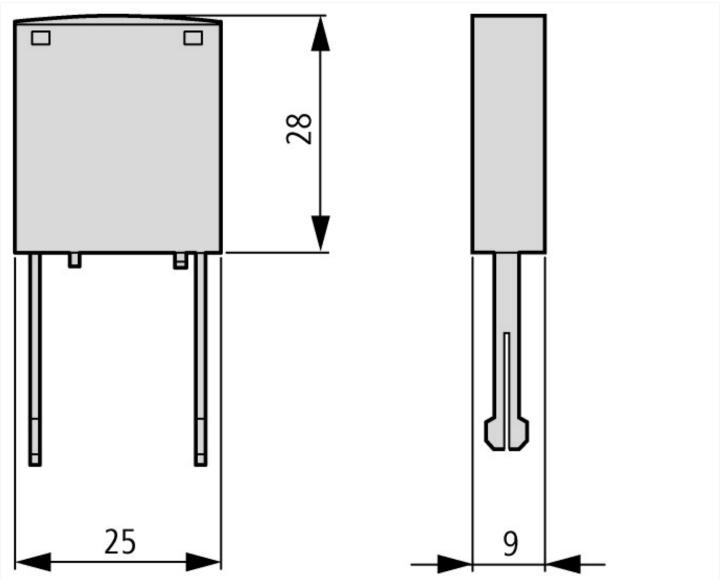
Low-voltage industrial components (EG000017) / Surge protection module (EC000683)

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		Varistor (voltage-sensitive resistor)		
Rated control supply voltage Us at AC 50HZ	V	110 - 240		
Rated control supply voltage Us at AC 60HZ	V	110 - 240		
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, NKCR8
CSA File No.	256465
CSA Class No.	3211-07
North America Certification	UL recognized, CSA certified
Specially designed for North America	No

## Dimensions



## Additional product information (links)

IL03407039Z (AWA2100-2286) Contactors	
IL03407039Z (AWA2100-2286) Contactors	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407039Z2020_04.pdf
Motor starters and "Special Purpose Ratings" for the North American market	http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf
Switchgear of Power Factor Correction Systems	http://www.moeller.net/binary/ver_techpapers/ver934en.pdf
X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely	http://www.moeller.net/binary/ver_techpapers/ver938en.pdf
Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions	http://www.moeller.net/binary/ver_techpapers/ver944en.pdf
Effect of the Cabel Capacitance of Long Control Cables on the Actuation of Contactors	http://www.moeller.net/binary/ver_techpapers/ver949en.pdf
Switchgear for Luminaires	http://www.moeller.net/binary/ver_techpapers/ver955en.pdf
Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts	http://www.moeller.net/binary/ver_techpapers/ver956en.pdf
The Interaction of Contactors with PLCs	http://www.moeller.net/binary/ver_techpapers/ver957en.pdf
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf