DATASHEET - Z-R23/16-01

Similar to illustration

Installation relay, 24 V DC, 1NC, 16A

Part no.	**Z-R23/16-01**
Catalog No.	**ICS-R16D024B010**
EL-Nummer (Norway)	**4100207**

Powering Business Worldwide™

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	16
Equipment heat dissipation, current-dependent	P_{vid}	W	0.8
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 6.0

Devices for distribution board-/surface mounting (EG000062) / Installation relay (EC001652)			
Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Installation relay for distribution board (ecl@ss8.1-27-14-23-09 [AFZ821011])			
Function			Mechanical
Mounting method			DIN rail
Width in number of modular spacings			1
Built-in depth		mm	60
Number of normally open contacts			0
Number of normally closed contacts			1

Number of change-over contacts			0
Control voltage 1		V	21 - 26
Type of control voltage 1			DC
Frequency control voltage 1		Hz	0 - 0
Control voltage 2		V	0 - 0
Type of control voltage 2			DC
Frequency control voltage 2		Hz	0 - 0
Nominal rated current		A	16
Supply voltage		V	240 - 240
Voltage type of supply voltage			AC
Max. incandescent lamp load		W	720
Max. load fluorescent lamp		VA	303
Max. load fluorescent lamp (Duo circuit)		VA	541
Max. load fluorescent lamp (parallel compensated)		VA	271
Max. switching current (cos phi = 0.6)		A	5