



Installation relay, 24 V AC, 1NO, 16A

Part no. Z-R24/16-10  
 Catalog No. ICS-R16A024B100

EL-Nummer (Norway) 4100209

Similar to illustration

### 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	1.4
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			
10.13 Mechanical function			

### Technical data ETIM 7.0

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 (ec1@ss10.0.1-27-14-23-09 [AFZ821014])			
Function			Mechanical
Mounting method			DIN rail
Width in number of modular spacings			1
Built-in depth		mm	60
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			0

Number of contacts as change-over contact		0
Control voltage 1	V	21 - 26
Type of control voltage 1		AC
Frequency control voltage 1	Hz	50 - 60
Control voltage 2	V	0 - 0
Type of control voltage 2		AC
Frequency control voltage 2	Hz	0 - 0
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