

Installation relay, 24 V AC, 2NO, 16A



Part no. Z-R24/16-20
ICS-R16A024B200
EL Number 4100204
(Norway)

General specifications		
Product name		Eaton Distribution parts
Part no.		Z-R24/16-20
EAN		9010238030121
Product Length/Depth		90 millimetre
Product height		73 millimetre
Product width		17.5 millimetre
Product weight		0.097 kilogram
Compliances		RoHS conform
Product Tradename		None
Product Type		Distribution parts
Product Sub Type		None
Public Consumption		Yes
Product Family Description		ES-PMCC-PDC-Eaton Distribution parts
Globally Marketable		Yes
Product Specification Details		
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.
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.
Amperage Rating		16 A
Built-in depth		60 mm
Control voltage 1 - max		26 V
Control voltage 1 - min		21 V
Control voltage 1 type		AC
Control voltage 2 - max		0 V
Control voltage 2 - min		0 V
Control voltage 2 type		AC

EL number		4100204
Equipment heat dissipation, current-dependent		0.75 W
Frequency control voltage 1 - max		60 Hz
Frequency control voltage 1 - min		50 Hz
Frequency control voltage 2 - max		0 Hz
Frequency control voltage 2 - min		0 Hz
Functions		Mechanical
Incandescent lamp load - max		720 W
Load fluorescent lamp (duo circuit) - max		541 V-A
Load fluorescent lamp (parallel compensated) - max		271 V-A
Load fluorescent lamp - max		303 V-A
Number of contacts (change-over contacts)		0
Number of contacts (normally closed contacts)		0
Number of contacts (normally open contacts)		2
Rated operational current for specified heat dissipation (In)		16 A
Supply voltage - max		240 V
Supply voltage - min		240 V
Switching current (cos phi = 0.6) - max		5 A
Voltage type		AC
Width in number of modular spacings		1

Technical data ETIM 9.0

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@ss13-27-14-23-09 [AFZ821019])

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			2
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 (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