

Installation relay, 230 V AC, 1NO+1NC, 16A



Part no. Z-R230/16-11
ICS-R16A230B110
EL Number 4100200
(Norway)

Product name	Eaton Distribution parts
Part no.	Z-R230/16-11
EAN	9010238030107
Product Length/Depth	90 millimetre
Product height	73 millimetre
Product width	17.5 millimetre
Product weight	0.097 kilogram
Compliances	CE Marked 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
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	250 V
Control voltage 1 - min	196 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		4100200
Equipment heat dissipation, current-dependent		1.6 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)		1
Number of contacts (normally open contacts)		1
Rated operational current for specified heat dissipation (I _n)		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 8.0

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@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		1
Number of contacts as change-over contact		0
Control voltage 1	V	196 - 250
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