



Installation relay, 110 V DC, 2N/O, 20A, 2HP

Part no. **Z-R109/2S20**  
 Catalog No. **265217**

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	20
Heat dissipation per pole, current-dependent	$P_{vid}$	W	2
Equipment heat dissipation, current-dependent	$P_{vid}$	W	10.4
Operating ambient temperature min.		°C	-20
Operating ambient temperature max.		°C	45

### 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 (ecl@ss10.0.1-27-14-23-09 [AFZ821014])			
Function			Mechanical
Mounting method			DIN rail
Width in number of modular spacings			2
Built-in depth		mm	60
Number of contacts as normally open contact			2
Number of contacts as normally closed contact			2
Number of contacts as change-over contact			0
Control voltage 1		V	0 - 0
Type of control voltage 1			DC
Type of control voltage 1			DC
Frequency control voltage 1		Hz	0 - 0
Control voltage 2		V	0 - 0
Type of control voltage 2			AC/DC
Frequency control voltage 2		Hz	0 - 0
Rated current		A	20
Supply voltage		V	250 - 250
Voltage type of supply voltage			AC
Max. incandescent lamp load		W	0
Max. load fluorescent lamp		VA	0
Max. load fluorescent lamp (Duo circuit)		VA	0
Max. load fluorescent lamp (parallel compensated)		VA	0
Max. switching current (cos phi = 0.6)		A	0