



**Impulse relay, 110DC, 1 W, 16A, 1HP**

**Part no. Z-S109/W**  
**Catalog No. 265292**

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
Heat dissipation per pole, current-dependent	$P_{vid}$	W	1.5
Equipment heat dissipation, current-dependent	$P_{vid}$	W	1.5
Operating ambient temperature min.		°C	-20
Operating ambient temperature max.		°C	45

### Technical data ETIM 7.0

Devices for distribution board-/surface mounting (EG000062) / Latching relay (EC000188)			
Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Latching relay for distribution board (ecI@ss10.0.1-27-14-23-06 [AFZ818015])			
Function			Mechanical switch
Mounting method			DIN rail
Width in number of modular spacings			1
Built-in depth		mm	60
Number of contacts as normally open contact			0
Number of contacts as normally closed contact			0
Number of contacts as change-over contact			1
Control voltage 1		V	110 - 110
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
Rated switch current		A	16
Supply voltage		V	24 - 230
Voltage type of supply voltage			DC
Max. incandescent lamp load		W	2024
Max. load fluorescent lamp		VA	2500
Max. load fluorescent lamp (Duo circuit)		VA	2500
Max. load fluorescent lamp (parallel compensated)		VA	2500
Max. switching current (cos phi = 0.6)		A	24
Manual operation possible			Yes