

# Solid-State relays

## flare

- Compact solid-state relay
- Overall width 6.2 mm
- Spring cage clamp
- Output 48 V DC



Description	Part No.	Std. Pack	Part No.	Std. Pack
<b>flare</b>	<b>Output 0.5 A</b>		<b>Output 2 A</b>	
24 V Module DC / Output 48 V	80.020.4100.0	10	80.020.4101.0	10
115 V Module AC/DC / Output 48 V	80.020.4102.0	10		
230 V Module AC/DC / Output 48 V	80.020.4103.0	10		
Pluggable jumper max 2 A	Z8.000.0200.8	10		
8 digit marking tag, unmarked, 60 pcs.	Z4.242.5153.0	10		
<b>Technical data</b>				
Maximum switching voltage	48 V DC (4,4...53 V DC)			
Maximum switching current	0.5 A		2 A	
Min. switching current	0.1 mA		1 mA	
Isolation voltage of input / output	3.75 kV			
Connectable via pluggable jumper	50 modules			
Wire range fine-stranded/solid	0.25 -1.5 (AWG 24–16) / 0.25 - 2.5 mm <sup>2</sup> (AWG 24–14)			
Degree of protection / Mounting rail	IP 20 / TS35			
Dimensions (mm) W x H x D	6.2 x 89 x 70			
Ambient temperature	0 ... +50 °C (Derating)			
Approvals	CE			

## flare

- Compact solid-state relay
- Overall width 6.2 mm
- Spring cage clamp
- Output 230 V AC



Description	Part No.	Std. Pack
<b>flare</b>	<b>Output 0.5 A</b>	
24V Module DC / Output 230 V AC	80.020.4150.0	10
Pluggable jumper max 2 A	Z8.000.0200.8	10
8 digit marking tag, unmarked, 60 pcs.	Z4.242.5153.0	10
<b>Technical data</b>		
Maximum switching voltage	250 V AC	
Maximum switching current	0.5 A	
Min. switching current	0.1 mA	
Isolation voltage of input / output	2.5 kV	
Connectable via pluggable jumper	50 modules	
Wire range fine-stranded/solid	0.25 -1.5 mm <sup>2</sup> (AWG 24–16) / 0.25 - 2.5 mm <sup>2</sup> (AWG 24–14)	
Degree of protection / Mounting rail	IP 20 / TS35	
Dimensions (mm) W x H x D	6.2 x 89 x 70	
Ambient temperature	0 ... +50 °C (Derating)	
Approvals	CE	

## Solid-state relay

- Bridgeable
- Screw terminals
- Output 60 V DC



Description	Part No.	Std. Pack
<b>Solid-State-Relay</b>	<b>Output 5 A</b>	
24 V Module DC / Output 48 V	80.020.2004.0	10
Pluggable jumper	Z8.000.0103.4	10
<b>Technical data</b>		
Maximum switching voltage	60 V DC (3...60 V)	
Maximum switching current	5 A DC (Derating)	
Min. switching current	20 mA	
Isolation voltage of input / output	4 kV	
Connectable via pluggable jumper	20 modules	
Wire range fine-stranded/solid	0.5 -2.5 mm <sup>2</sup> (AWG 22–14) / 0.5 - 4 mm <sup>2</sup> (AWG 22–12)	
Mounting rail	TS 35 / TS 32	
Dimensions (mm) W x H x D	12.5 x 80 x 59	
Ambient temperature	-20 ... +50 °C (Derating)	
Approvals	CE	

## Solid-state relay

- Bridgeable
- Screw terminals
- Output 250 V AC



Description	Part No.	Std. Pack	Part No.	Std. Pack
<b>Solid-State-Relay</b>	<b>Output 4 A</b>		<b>Output 6 A</b>	
24 V Module DC / Output 250 V AC	80.020.2001.0	10	80.020.0004.0	10
Pluggable jumper	Z8.000.0103.4	10		
<b>Technical data</b>				
Maximum switching voltage	280 V AC (48...280 V)			
Maximum switching current	4 A		6 A	
Min. switching current	60 mA			
Isolation voltage of input / output	4 kV			
Connectable via pluggable jumper	20 modules			
Wire range fine-stranded/solid	0.5 -2.5 mm <sup>2</sup> (AWG 22–14) / 0.5 - 4 mm <sup>2</sup> (AWG 22–12)			
Mounting rail	TS 35 / TS 32			
Dimensions (mm) W x H x D	12.5 x 80 x 56		25.6 x 80 x 70	
Ambient temperature	-25 ... +50 °C (Derating)			
Approvals	CE			

IDE