

Small solid-state relay



Technical data	SSS...24 V 0,1 A DC	SSS...24 V 2 A DC	SSS...230 V 1 A AC
Contact type	1 NO contact (Bipolar transistor)	1 NO contact (MOS-FET)	Contact type 1 NO contact (Triac (zero-cross switch))
Rated switching voltage	0...48 V DC	0...24 V DC	24...240 V AC
Continuous current	100 mA DC	2 A	1 A
Min. switching current	500 µA	5 mA	20 mA
Voltage drop at max. load	≤ 1 V	≤ 120 mV	≤ 1 V
Leakage current	< 10 µA	< 10 µA	< 1.5 mA
Dielectric strength for control side - load side	2.5 kV _{eff}	2.5 kV _{eff}	2.5 kV _{eff}
Operating temperature	-20 °C...60 °C	-20 °C...60 °C	-20 °C...60 °C
Storage temperature	-40 °C...70 °C	-40 °C...70 °C	-40 °C...70 °C

Similar to figure

Note			

Type	Rated control voltage	Nominal control current	Order No.	Order No.	Order No.
SSS 5 V...	5 V DC	4 mA DC	4064320000	-	-
SSS 24 V...	24 V DC	7 mA DC	4061180000	-	-
SSS 60 V...	60 V DC	3 mA DC	4061230000	-	-
SSS 5 V...	5 V DC	9 mA DC	-	4064310000	-
SSS 24 V...	24 V DC	7 mA DC	-	4061190000	-
SSS 60 V...	60 V DC	3 mA DC	-	4061200000	-
SSS 5 V...	5 V DC	15 mA DC	-	-	1132260000
SSS 24 V...	24 V DC	7 mA DC	-	-	4061210000
SSS 60 V...	60 V DC	3 mA DC	-	-	4061220000

Solid-state relay



Technical data	SSR.../0-35 V DC 3,5 A	SSR.../0-35VDC 5A	SSR.../12-275 V AC 1 A
Contact type	1 NO contact (MOS-FET)	1 NO contact (MOS-FET)	Contact type 1 NO contact (Triac (zero-cross switch))
Rated switching voltage	0...33 V DC	0...35 V DC	12...275 V AC
Continuous current	3.5 A	5 A	1 A
Min. switching current	10 mA	1 mA	50 mA
Voltage drop at max. load	≤ 0.3 V	≤ 0.3 V	≤ 1 V
Leakage current	< 10 µA	< 20 µA	< 1.5 mA
Dielectric strength for control side - load side	2.5 kV _{eff}	2.5 kV _{eff}	2.5 kV _{eff}
Operating temperature	-20 °C...60 °C	-20 °C...80 °C	-20 °C...60 °C
Storage temperature	-40 °C...70 °C	-40 °C...100 °C	-40 °C...70 °C

Similar to figure

Note			

Type	Rated control voltage	Nominal control current	Order No.	Order No.	Order No.
SSR10...32 V DC/...	10...32 V DC	3...13 mA DC	1132310000	1421450000	1132290000