



General ordering data

Order No.	8607370000
Part designation	MOZ 24Vdc / 24Vdc 2A
Version	Solid-state relay, 3 V...33 V DC , 2 A , Tension clamp connection
EAN	4032248266845
Qty.	10 pc(s).

Approvals

Approvals institutes



Control side

Max. input frequency	300 Hz
Nominal auxiliary voltage	No

Control side

Power rating	140 mW
Rated control voltage	24 V DC \pm 20%

General data

Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+60 °C
Climate	40°C/93% rel. humidity, no condensation
Connection system	Tension clamp connection
DIN Rail compatibility	TS 35
Solid-state type	SSS relay 24 V / 24 V / 2 A DC

Insulation coordination (EN 50 178)

Clearance and creepage distances for control side \geq 5.5 mm

- load side

Dielectric strength for control side - load side	2.5 kV
Overvoltage category	III
Pollution severity	2
Rated impulse voltage	4 kV
Rated voltage	300 V
Separation acc. to VDE 0106	No

Load side

Leakage current	\leq 1 mA
Nominal auxiliary voltage	No
Nominal switching current	2 A
Nominal switching voltage	3 V...33 V DC
Protective circuit	Integrated free-wheel diode
Short-circuit-proof	No
Status indicator	Green LED
Switch-off delay	< 1.2 ms
Switch-on delay	< 55 μ s
Voltage drop at max. load	\leq 120 mV

Dimensions

Clamping range, max.	2.5 mm ²
Clamping range, min.	0.5 mm ²
Clamping range, nom.	1.5 mm ²
Length	94 mm
Height	91 mm
Width	6.1 mm

Classifications

eClass 4.1	27-27-09-00
eClass 5.0	27-27-09-90
eClass 5.1	27-27-09-90

Similar products

Order No.	Part designation	Version
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863300000	MOS 5Vdc / 24Vdc 2A	Solid-state relay, 3...33 V DC , 2 A , Screw connection
863299000	MOZ 5Vdc / 24Vdc 2A	Solid-state relay, 3...33 V DC , 2 A , Tension clamp connection
860735000	MOS 24Vdc / 24Vdc 2A	Solid-state relay, 3 V...33 V DC , 2 A , Screw connection
897520000	MOS 48VUC/24VDC 2A	Solid-State Relay, 3...33 V DC , 2 A , Screw connection
860770000	MOS 120Vuc / 24Vdc 2A	Solid-state relay, 3 V...33 V DC , 2 A , Screw connection
860774000	MOZ 120Vuc / 24Vdc 2A	Solid-state relay, 3 V...33 V DC , 2 A , Tension clamp connection
860772000	MOS 230Vac / 24Vdc 2A	Solid-state relay, 3 V...33 Vdc , 2 A , Screw connection
860776000	MOZ 230Vac / 24Vdc 2A	Solid-state relay, 3 V...33 Vdc , 2 A , Tension clamp connection
406119000	SSS Relais 24V/24V 2Adc	Solid-state relay, 3...33 Vdc , 2 A DC , Plug-in connection
406120000	SSS Relais 60V/24V 2Adc	Solid-state relay, 3...33 Vdc , 2 A DC , Plug-in connection