



#### General ordering data

Order No.	8607700000
Part designation	MOS 120Vuc / 24Vdc 2A
Version	Solid-state relay, 3 V...33 V DC , 2 A , Screw connection
EAN	4032248267590
Qty.	10 pc(s).

#### Approvals

Approvals institutes



#### Control side

Max. input frequency	DC: 10 Hz /AC: 3 Hz
Nominal auxiliary voltage	No

**Control side**

Power rating	340 mW / 0.4 VA
Rated control voltage	120 V UC +10 %/ -15 %

**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	Screw connection
DIN Rail compatibility	TS 35
Solid-state type	SSS relay 60 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	$> 10$ ms
Switch-on delay	$< 6.5$ ms
Voltage drop at max. load	$\leq 120$ mV

**Dimensions**

Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, nom.	2.5 mm <sup>2</sup>
Length	93 mm
Height	92
Width	6.1 mm

**Classifications**

ETIM 2.0	EC001504
ETIM 3.0	EC001504
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
8633000000	MOS 5Vdc / 24Vdc 2A	Solid-state relay, 3...33 V DC , 2 A , Screw connection
8632990000	MOZ 5Vdc / 24Vdc 2A	Solid-state relay, 3...33 V DC , 2 A , Tension clamp connection
8607350000	MOS 24Vdc / 24Vdc 2A	Solid-state relay, 3 V...33 V DC , 2 A , Screw connection
8607370000	MOZ 24Vdc / 24Vdc 2A	Solid-state relay, 3 V...33 V DC , 2 A , Tension clamp connection
8975200000	MOS 48VUC/24VDC 2A	Solid-State Relay, 3...33 V DC , 2 A , Screw connection
8607740000	MOZ 120Vuc / 24Vdc 2A	Solid-state relay, 3 V...33 V DC , 2 A , Tension clamp connection
8607720000	MOS 230Vac / 24Vdc 2A	Solid-state relay, 3 V...33 Vdc , 2 A , Screw connection
8607760000	MOZ 230Vac / 24Vdc 2A	Solid-state relay, 3 V...33 Vdc , 2 A , Tension clamp connection
4061190000	SSS Relais 24V/24V 2Adc	Solid-state relay, 3...33 Vdc , 2 A DC , Plug-in connection
4061200000	SSS Relais 60V/24V 2Adc	Solid-state relay, 3...33 Vdc , 2 A DC , Plug-in connection