



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



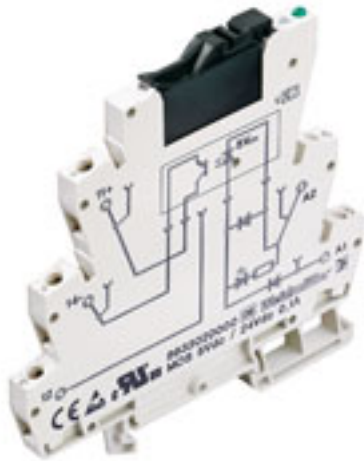
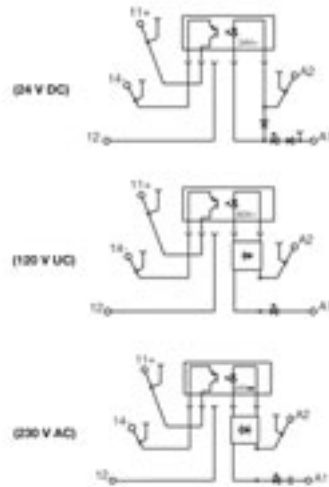
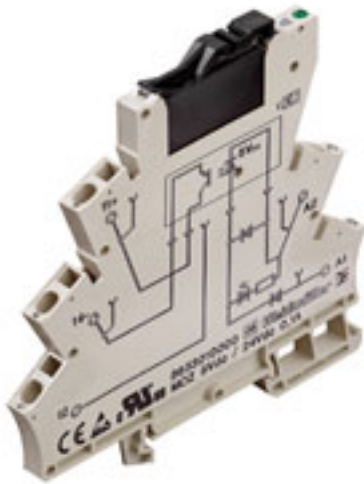
## Contact us

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#### General ordering data

Order No.	8607690000
Part designation	MOS 120Vuc / 24Vdc 0.1A
Version	Optocoupler, 3 V... 48 V DC , 0.1 A , Screw connection
EAN	4032248267583
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 0.1 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	0.1 A
Nominal switching voltage	3 V... 48 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	$\leq 1$ V

**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 mm
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
8633020000	MOS 5Vdc / 24Vdc 0,1A	Optocoupler, 3... 48 V DC , 0.1 A , Screw connection
8633010000	MOZ 5Vdc / 24Vdc 0.1A	Optocoupler, 3... 48 V DC , 0.1 A , Tension clamp connection
8607340000	MOS 24Vdc / 24Vdc 0.1A	Optocoupler, 3 V... 48 V DC , 0.1 A , Screw connection
8607360000	MOZ 24Vdc / 24Vdc 0,1A	Optocoupler, 3 V... 48 V DC , 0.1 A , Tension clamp connection
8607730000	MOZ 120Vuc / 24Vdc 0.1A	Optocoupler, 3 V... 48 V DC , 0.1 A , Tension clamp connection
8607710000	MOS 230Vac / 24Vdc 0.1A	Optocoupler, 3 V...48 V DC , 0.1 A , Screw connection
8607750000	MOZ 230Vac / 24Vdc 0.1A	Optocoupler, 3 V...48 V DC , 0.1 A , Tension clamp connection
4061180000	SSS Relais 24V/24V 0,1Adc	Solid-state relay, 3...48 Vdc , 100 mA/ DC , Plug-in connection
4061230000	SSS Relais 60V/24V 0,1Adc	Solid-state relay, 3...48 Vdc , 100 mA/ DC , Plug-in connection