



General ordering data

Order No.	8275450000
Part designation	WOS1 12-28VDC 100KHZ
Version	WAVE-Series, Optos, 21.6 V DC ... 24 V DC ... 26.4 V DC, 50 mA, Screw connection
EAN	4032248016921
Qty.	1 pc(s).

Dimensions

Clamping range, nom.	1.5 mm ²
Clamping range, min.	0.5 mm ²
Clamping range, max.	2.5 mm ²

temperature

Ambient temperature (operational)	-25 °C...+60 °C
Storage temperature	-40 °C...+85 °C

Approvals

Approvals institutes	CSA; CURUS; GOSTME25; CE
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Control side

Power rating	190 mW
Rated auxiliary voltage	No
Rated control voltage	12 V DC...28 V DC

General data

Standards	EN 50178
Humidity	40°C / 93% rel. humidity, no condensation
Conductor connection system	Screw connection
DIN Rail compatibility	TS 35

Insulation coordination (EN 50 178)

Clearance and creepage distances for control/load side	≥ 5.5 mm
Overvoltage category	III

Insulation coordination (EN 50 178)

Pollution severity	2
Rated impulse withstand voltage	6 kV
Rated voltage	300 V

Load side

Protective circuit	Varistor, reverse polarity protection
Rated auxiliary voltage	No
Rated switching current	50 mA
Rated switching voltage	21.6 V DC ... 24 V DC ... 26.4 V DC
Short-circuit-proof	No
Status indicator load side	LED green in output
Switch-off delay	3 µs
Switch-on delay	1 µs

Classifications

ETIM20	EC001504
ETIM30	EC001504
eClass 4.1	27-27-09-00
eClass 5.0	27-27-09-90
eClass 5.1	27-27-09-90
eClass 6.0	27-27-09-90

Similar products

Order No.	Part designation	Version
8275210000	WOS1 5VTTL 50KHZ	WAVE-Series, Optos, 21.6 V DC ... 24 V DC ... 26.4 V DC, 50 mA, Screw connection