

General ordering data

Order No.	8181990000
Part designation	DKO 35 24VDC E:U
Version	Optos, 24 V DC $\pm$ 10% , 2 A , Screw connection
EAN	4008190277017
Qty.	5 pc(s).

Dimensions

Clamping range, nom.	4 mm ²
Clamping range, min.	0.5 mm ²
Clamping range, max.	4 mm ²

temperature

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

Approvals

Approvals institutes	GOSTME25; CE
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Control side

Input frequency, max.	100 Hz
Power rating	Max. 290 mW
Rated auxiliary voltage	No
Rated control voltage	24 V DC $\pm$ 10 %
making voltage	approx. 18 Vdc approx. 18 V DC

General data

Conductor cross-section, flexible, max.	4 mm ²
Solid, max.	4 mm ²
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 $\geq$ 3 mm

Overvoltage category	III
Pollution severity	2
Protective separation acc. to VDE 0106	No
Rated impulse withstand voltage	4 kV
Rated voltage	300 V

Load side

Protective circuit	Varistor
Pulse duty factor (gen.)	1:2
Rated auxiliary voltage	No
Rated switching current	2 A
Rated switching voltage	24 V DC $\pm$ 10%
Short-circuit-proof	Yes
Status indicator load side	Green LED
Switch-off delay	< 7 ms

Load side

Switch-on delay	2 ms
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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	27-14-11-20

Similar products

Order No.	Part designation	Version
8215600000	DKO 35 24VDC E:O	Optos, 24 V DC $\pm$ 10% , 2 A , Screw connection