

**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 <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>

**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 making voltage	24 V DC $\pm$ 10 % approx. 18 Vdc approx. 18 V DC

**General data**

Conductor cross-section, flexible, max.	4 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
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  $\geq$  3 mm side

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

**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
821560000	DKO 35 24VDC E:O	Optos, 24 V DC $\pm$ 10% , 2 A , Screw connection