



#### General ordering data

Order No.	8228650000
Part designation	DKO DK5 5VTTL
Version	Optos, 5...48 V DC , 100 mA , Screw connection
EAN	4008190193904
Qty.	10 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.	3 kHz
Power rating	50 μW
Rated auxiliary voltage	5 V
Rated control voltage	5 V TTL

#### 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  $\geq 5.5$  mm side

Overvoltage category	III
Pollution severity	2
Protective separation acc. to VDE 0106	Yes
Rated impulse withstand voltage	6 kV
Rated voltage	300 V

**Load side**

Protective circuit	Diode
Pulse duty factor (gen.)	1:2
Rated auxiliary voltage	5 V
Rated switching current	100 mA
Rated switching voltage	5...48 V DC
Short-circuit-proof	No
Status indicator load side	Green LED
Switch-off delay	Approx. 35 $\mu$ s
Switch-on delay	Approx. 27 $\mu$ s
Voltage drop at max. load	1.6 V

**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
8184030000	DKO 35 12VDC 10KHZ	Optos, 24 V DC $\pm$ 10% , 50 mA , Screw connection
8228640000	DKO DK5 24VDC 50KHZ	Optos, 5 V TTL , 8 mA, fan out = 20 LS-TTL , Screw connection
8228630000	DKO DK5 24VUC	Optos, 24 V DC $\pm$ 20% , 2 A , Screw connection