



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.	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	24 V DC $\pm$ 10 %
making voltage	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