



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!



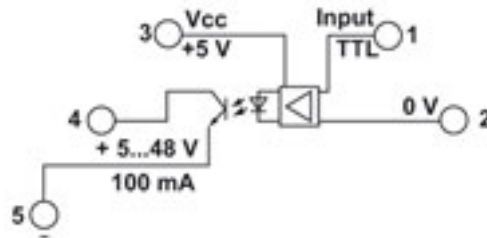
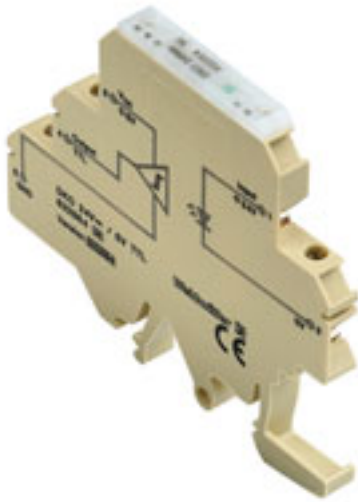
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





#### 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
----------------------	--------------

#### 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