



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!



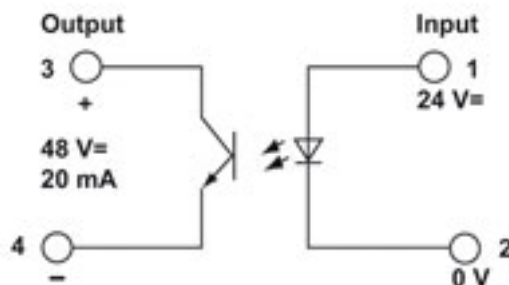
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General ordering data

Order No.	8028300000
Part designation	DKO 35 24VDC 3KHZ E:U
Version	Optos, 5...48 V DC , 20 mA , Screw connection
EAN	4008190183158
Qty.	10 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.	3 kHz
Power rating	Max. 360 mW
Rated auxiliary voltage	No
Rated control voltage	24 V DC ±10 %
making voltage	approx. 19 V / 7.5 mA

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 ≥ 4 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	Diode
Pulse duty factor (gen.)	1:2
Rated auxiliary voltage	No
Rated switching current	20 mA
Rated switching voltage	5...48 V DC
Short-circuit-proof	No
Status indicator load side	Green LED
Switch-off delay	Approx. 80 μ s
Switch-on delay	Approx. 50 μ s
Voltage drop at max. load	≤ 900 mV

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
8018630000	DKO 35 5VDC	Optos, 5...48 V DC , 20 mA , Screw connection
8019590000	DKO 35 24VDC E:U	Optos, 5...48 V DC , 500 mA , Screw connection
8248790000	DKO 35 24VDC 3KHZ E:U	Optos, 5...48 V DC , 20 mA , Screw connection
8215630000	DKO 35 24VDC E:O	Optos, 5...48 V DC , 500 mA , Screw connection
8008150000	DKO 35 24VUC	Optos, 5...48 V DC , 20 mA , Screw connection
8215640000	DKO 35 24VDC 3KHZ E:O	Optos, 5...48 V DC , 20 mA , Screw connection
8025910000	DKO 35 48VUC	Optos, 5...48 V DC , 100 mA , Screw connection
8077860000	DKO 35 115VUC	Optos, 5...48 V DC , 50 mA , Screw connection
8008160000	DKO 35 230VUC	Optos, 5...48 V DC , 20 mA , Screw connection