

DK-SERIES DKO 35 24VUC

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At just 6 mm wide, all components of the DKO range of minicouplers have an extremely narrow design. Four or five screw connections with a nominal cross-section of 4 mm² are available. The minicouplers are suitable for a wide range of applications in the coupling of digital sensor/actuator signals with automation devices and the process field.

General ordering data

Order No.	8008150000
Part designation	DKO 35 24VUC
Version	Optos, 5...48 V DC , 20 mA , Screw connection
GTIN (EAN)	4008190083144
Qty.	10 pc(s).

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Technical data

Dimensions

Length	65 mm	Width	6 mm
Height	57 mm		

Temperature

Ambient temperature (operational)	-25 °C...+40 °C	Storage temperature	-40 °C...+85 °C
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Approvals

Approvals institutes	GOSTME25; CE
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Control side

Input frequency	10 Hz at DC	Power rating	280 mVA / 230 mW
Rated auxiliary voltage	No	Rated control voltage	24 V UC ±10 %
making voltage	112.8 V AC / 16.8 V DC		

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
Solid-state type	Transistor		

Insulation coordination (EN 50 178)

Clearance and creepage distances for control/load side	≥ 4 mm	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, load side	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	≤ 25 ms at DC
Switch-on delay	≤ 15 ms at DC	Voltage drop at max. load	≤ 1 V

Classifications

ETIM 2.0	EC001504	ETIM 3.0	EC001504
eClass 5.1	27-27-09-90	eClass 6.0	27-14-11-20