

**DK-SERIES**  
**DKO 35 230VUC**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



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 mm<sup>2</sup> 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.	<a href="#">8008160000</a>
Type	DKO 35 230VUC
Version	DK-SERIES, Solid-state relay, Rated control voltage: 230 V UC +5 % / -15 % , Rated switching voltage: 5...48 V DC, Rated switching current: 20 mA, Screw connection
GTIN (EAN)	4008190139087
Qty.	10 pc(s).

**DK-SERIES  
DKO 35 230VUC**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Technical data****Dimensions and weights**

Width	6 mm	Height	65 mm
Depth	56 mm	Net weight	14.4 g

**Temperatures**

Operating temperature	-25 °C...+50 °C	Storage temperature	-40 °C...+85 °C
-----------------------	-----------------	---------------------	-----------------

**Probability of failure**

MTTF	2,385 Years
------	-------------

**Connection data**

Clamping range, rated connection	4 mm <sup>2</sup>	Clamping range, rated connection, min.	0.5 mm <sup>2</sup>
Clamping range, rated connection, max.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>

**Control side**

Rated control voltage	230 V UC +5 % / -15 %	Power rating	395 mVA / 370 mW
Input frequency	AC: 5 Hz / DC: 20 Hz	Cut-in (switch-on) voltage	approx. 130 V AC / approx. 140 V DC
Rated auxiliary voltage	No		

**Load side**

Rated switching voltage	5...48 V DC	Rated switching current	20 mA
Switch-on delay	20 ms	Switch-off delay	20 ms
Protective circuit, load side	Diode	Voltage drop at max. load	1.6 V
Load side status indicator	LED green	Short-circuit-proof	No
Rated auxiliary voltage	No	Pulse duty factor (gen.)	1:2

**General data**

Solid-state type	Transistor	No. of poles	1
Conductor connection system	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Standards	DIN EN 50178	Wire cross-section, solid, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>		

**Insulation coordination**

Rated voltage	300 V	Clearance and creepage distances for control side - load side	≥ 5.5 mm
Impulse withstand voltage	6 kV	Pollution severity	2
Surge voltage category	III		

**Further details of approvals**

Standards	DIN EN 50178
-----------	--------------

**Data sheet...**

**DK-SERIES  
DKO 35 230VUC**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Technical data**

**Classifications**

ETIM 2.0	EC001504	ETIM 3.0	EC001504
UNSPSC	30-21-18-01	eClass 4.1	27-27-09-00
eClass 5.1	27-27-09-90	eClass 6.0	27-14-11-20
eClass 7.0	27-27-09-90		

**Approvals**

Approvals



**Downloads**

Declaration of Conformity [K073\\_11\\_10.pdf](#)  
[3-D model](#)

**DK-SERIES  
DKO 35 230VUC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Drawings****Electric symbol**