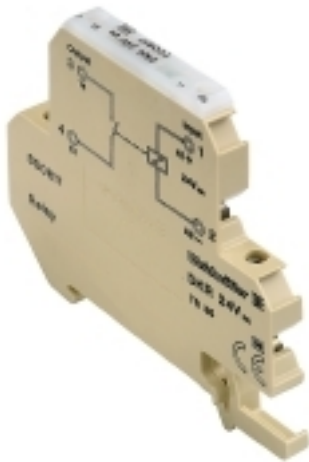


## DK-SERIES DKR 35 24VUC 1A

**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 DKR minicouplers have an extremely narrow design. Weidmüller also offers 4 and 5 screw-connections, with a rated cross-section of 4 mm<sup>2</sup>.

The mini-coupler is suitable for a wide range of applications. It is used for the coupling of digital sensor/actuator signals with automation devices on the process level..

### General ordering data

Type	DKR 35 24VUC 1A
Order No.	<a href="#">8016610000</a>
Version	DK-SERIES, Relays, No. of contacts: 1, NO contact, Rh/Ru, Rated control voltage: 24 V UC ±10 %, Continuous current: 0.5 A, Screw connection
GTIN (EAN)	4008190132804
Qty.	10 pc(s).
Product life cycle	This article will no longer be available in the future.

## DK-SERIES DKR 35 24VUC 1A

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

## Technische Daten

### Dimensions and weights

Width	6 mm	Height	65 mm
Depth	56 mm	Net weight	16.8 g

### Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature	-25 °C...+40 °C
Ambient temperature	-25 °C...+40 °C	Storage temperature	-40 °C...+60 °C

### Input

Coil resistance		Pull-inrop-out current, typ.	6.3 mA / 4.3 mA AC 3.8 mA / 3 mA DC
Rated control voltage	24 V UC ±10 %	Rated current AC	15 mA
Rated current DC	9 mA	Power rating	0.36 VA / 216 mW
Pull-inrop-out voltage, typ.	12 V / 8 V AC 11 V / 10 V DC	Status indicator	Green LED

### Output

Max. switching voltage, AC	100 V	Continuous current	0.5 A
Inrush current	500 mA	Schaltleistung AC (ohmsch), max.	10 VA
Schaltleistung DC (ohmsch), max.	10 W	Switch-on delay	typically 0.7...2.5 ms
Switch-off delay	typical. 0.2...2.0 ms	Response time	typ. 0.7...2.5 ms / 0.2...2 ms
Min. switching power	1 V / 1 mA	Max. switching frequency at rated load	5 Hz

### Contact data

No. of contacts	1	Contact design	NO contact
Contact material	Rh/Ru	Mechanical service life	10 <sup>9</sup> switching cycles

### General data

Wire connection method	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Open sides	right	Ambient temperature	-25 °C...+40 °C

### Insulation coordination

Creepage and clearance distance input – output	≥ 3 mm	Rated voltage	150 V
Dielectric strength to mounting rail	4 kV <sub>eff</sub>	Impulse withstand voltage	1.5 kV
Protection degree	IP 20	Pollution severity	2
Surge voltage category	III		

### Other technical data

Version	Relay coupler	Status indicator	Green LED
Free-wheel diode	No	Reverse polarity protection	not available

### Further details of approvals / standards

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

## DK-SERIES DKR 35 24VUC 1A

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

## Technische Daten

### Connection data

Clamping range, rated connection	4 mm <sup>2</sup>	Clamping range, rated connection, max.	4 mm <sup>2</sup>
Clamping range, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 22	Wire connection method	Screw connection

### Classifications

ETIM 3.0	EC001437	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-01	eClass 6.2	27-37-16-01
eClass 7.1	27-37-16-01		

### Product information

Descriptive text technical data	End plate AP DKT4 PA 0687560000
---------------------------------	------------------------------------

### Approvals

Approvals



ROHS	Conform
------	---------

### Downloads

Declaration of Conformity	<a href="#">K069_02_11.pdf</a>
	<a href="#">3D Modell</a>

**DK-SERIES  
DKR 35 24VUC 1A**

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

**Zeichnungen**

**Electric symbol**

