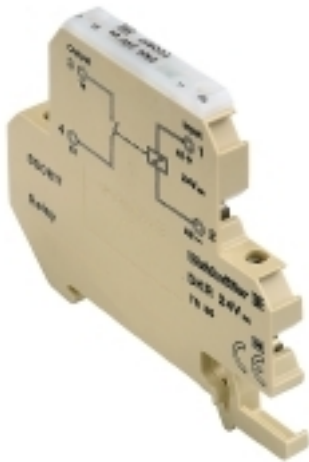


## DK-SERIES DKR 35 24VDC 1A

**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 24VDC 1A
Order No.	<a href="#">8008170000</a>
Version	DK-SERIES, Relays, No. of contacts: 1, NO contact, Rh/Ru, Rated control voltage: 24 V DC +5% / -10 %, Continuous current: 0.5 A, Screw connection
GTIN (EAN)	4008190157128
Qty.	10 pc(s).

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## Technische Daten

### Dimensions and weights

Width	6 mm	Height	65 mm
Depth	56 mm	Net weight	16.4 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.	7.5 mA DC
Rated control voltage	24 V DC +5% / -10 %	Rated current DC	9.3 mA
Power rating	225 mW	Pull-inrop-out voltage, typ.	11 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		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	20 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	Yes	Reverse polarity protection	Available

### Further details of approvals / standards

Standards	DIN EN 50178
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**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
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**Approvals**

Approvals



ROHS Conform

**Downloads**

Declaration of Conformity [K069\\_02\\_11.pdf](#)  
[3D Modell](#)

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**Zeichnungen**

**Electric symbol**

