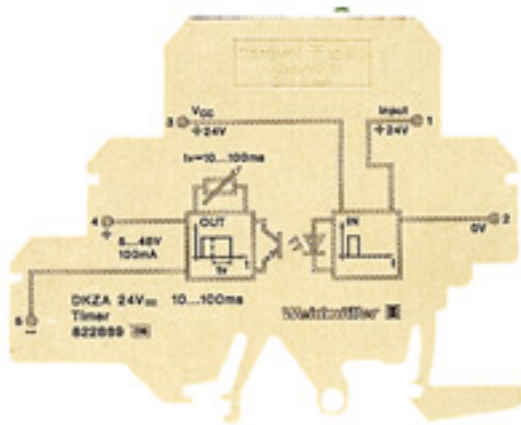


## DK-SERIES DKZ DK5 24VDC 1-100S

**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 DKZ 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 DKZ range of timing relays are suitable for many different applications and are preferred for extending pulses in automation engineering.

### General ordering data

Order No.	<a href="#">8019650000</a>
Type	DKZ DK5 24VDC 1-100S
Version	DK-SERIES, Relays, No. of contacts: 1, NO contact, Rated control voltage: 24 V DC ±20 %, Continuous current: 0.1 A, Screw connection
GTIN (EAN)	4008190209070
Qty.	10 pc(s).

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**Technical data**
**Ratings**

Conductor connection system	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Ambient temperature	-25 °C...+50 °C	Wire cross-section, solid, max.	4 mm <sup>2</sup>

**Dimensions and weights**

Width	6 mm	Height	77 mm
Depth	62 mm	Net weight	22.8 g

**Temperatures**

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

**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>

**Input**

Rated control voltage	24 V DC ±20 %	Rated current DC	Approx. 12 mA
Power rating	290 mW	Time ranges	1 ... 100 s

**Output**

Max. switching voltage, DC	48 V	Continuous current	0.1 A
Switch-on delay	1 ... 100 s (adjustable)	Max. switching current	100 mA

**Contact specifications**

No. of contacts	1	Contact design	NO contact
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**Insulation coordination**

Rated voltage	300 V	Clearance and creepage distances for control side - load side	≥ 5.5 mm
Dielectric strength for control side - load side	4 kV	Impulse withstand voltage	6 kV
Protection degree	IP 30 // terminals IP 20	Pollution severity	2
Surge voltage category	IV		

**Other technical data**

Version	Timing relay
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**Further details of approvals / standards**

Standards	DIN EN 50178
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**Technical data****Classifications**

ETIM 2.0	EC001439	ETIM 3.0	EC001439
UNSPSC	30-21-19-17	eClass 4.1	27-14-23-10
eClass 5.1	27-14-23-10	eClass 6.0	27-14-23-10
eClass 7.0	27-14-23-10		

**Approvals**

Approvals

**Downloads**

Declaration of Conformity [K071\\_01\\_97.pdf](#)  
[3-D model](#)