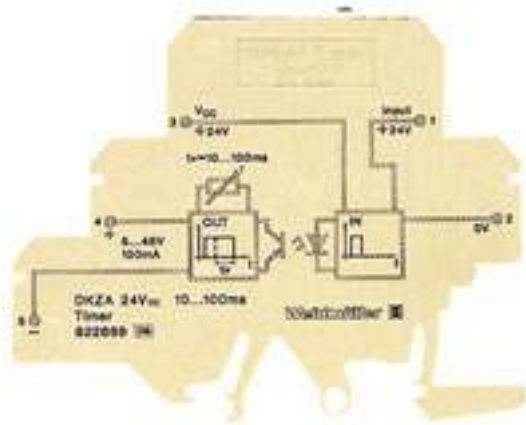


**DK-SERIES
DKZ DK5 24VDC 1-100S**

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 mm² 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.	8019650000
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 ²

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

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](#)