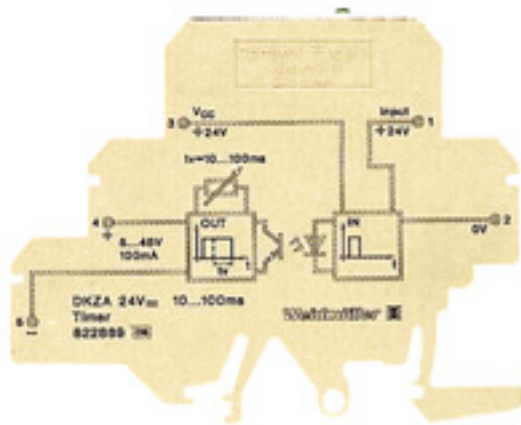


DK-SERIES DKZA DK5 24VDC 1-100S

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
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.	8019630000
Part designation	DKZA DK5 24VDC 1-100S
Version	DK-SERIES, Relays, No. of contacts: 1, NO contact, Rated control voltage: 24 V DC ±20 %, Screw connection
GTIN (EAN)	4008190209087
Qty.	10 pc(s).

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Technical data

Dimensions

Length	77 mm	Width	6 mm
Height	62 mm		

Temperature

Ambient temperature (operational)	-25 °C...+50 °C	Storage temperature	-40 °C...+85 °C
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Input

Rated voltage	300 V	Rated control voltage	24 V DC ±20 %
Rated current DC	Approx. 11 mA	Pull-in / drop-out current, DC coil	290mW±10%
Min. pulse duration	2 ms	Control voltage	24 V DC ± 20 %
Time ranges	1 ... 100 s		

Output

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

Contact data

Contact design	NO contact	No. of contacts	1
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Rated data

Conductor connection system	Screw connection	DIN Rail compatibility	TS 32 TS 35
Humidity	40°C / 93% rel. humidity, no condensation	Solid, max.	4 mm ²

Insulation coordination (EN 50 178)

Clearance and creepage distances for control/load side	≥ 5.5 mm	Dielectric strength for control side - load side	4 kV
Impulse withstand voltage	6 kV	Overvoltage category	IV
Pollution severity	2	Rated voltage	300 V

Other technical data

Version	Timing relay
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Approvals

Approvals institutes	CE
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Classifications

ETIM 2.0	EC001439	ETIM 3.0	EC001439
eClass 5.1	27-14-23-10	eClass 6.0	27-14-23-10

Notes

Note, technical data	For mounting on TS 32/35 rails
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