

DK U-F DK5 0-10V

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

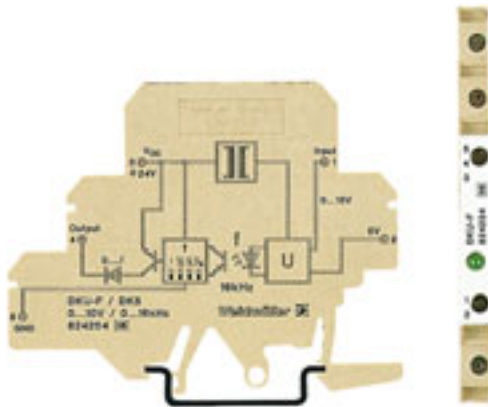
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Similar to illustration



MCZ: The smallest solution

- The smallest analogue signal converter in terminal block format on the market
- Space-saving conversion of analogue signals in the control cabinet thanks to the slim, 6 mm wide module width
- Simple wiring with plug-in cross-connectors

General ordering data

Version	DC/f transformer, Input : 0-10 V, Output : Frequency, 0...1/ 4/ 8/ 16 kHz
Order No.	8242040000
Type	DK U-F DK5 0-10V
GTIN (EAN)	4008190401979
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Height	64 mm	Height (inches)	2.52 inch
Width	12 mm	Width (inches)	0.472 inch
Length	76.8 mm	Length (inches)	3.024 inch
Net weight	22.1 g		

Temperatures

Storage temperature	-25 °C...60 °C	Operating temperature	0 °C...50 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	SCIP	35d83707-6a3b-45b5-b9f8-6ba8184c863e
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Input

Input resistance, voltage	100 kΩ	Input voltage	0...10 V
Number of inputs	1		

Output

Number of outputs	1	Output current	20 mA
Output frequency	0...1/ 4/ 8/ 16 kHz	Output level	PNP, Ub-0.7 V
Status indicator	LED, pulsing		

General data

Accuracy	0.2 % v. FSR	Current consumption	14 mA without load
Galvanic isolation	2-way isolator	Input/Output	DC/ f
Rail	TS 35, TS 32	Temperature coefficient	≤ 250 ppm/K
Type of connection	Screw connection	Voltage supply	24 V DC ± 10 %

Insulation coordination

Galvanic isolation	2-way isolator	Insulation voltage	1 kV DC
Insulation voltage input or output/rail	4 kV _{eff}	Rated voltage	300 V

Connection data

Type of connection	Screw connection	Clamping range, rated connection	4 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	4 mm ²

Classifications

ETIM 6.0	EC002918	ETIM 7.0	EC002918
ETIM 8.0	EC002918	ECLASS 9.0	27-21-01-28
ECLASS 9.1	27-21-01-28	ECLASS 10.0	27-21-01-28
ECLASS 11.0	27-21-01-28	ECLASS 12.0	27-21-01-28

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Technical data

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