

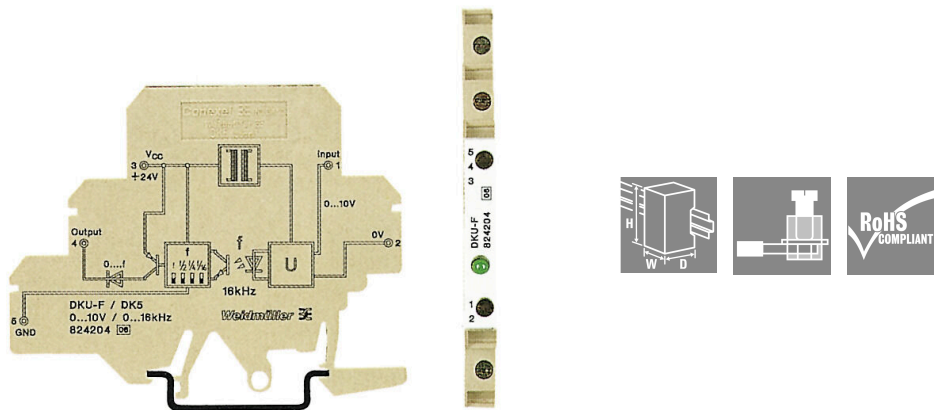
**DK U-F DK5 0-10V**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

Product is no longer available, Data sheet for information only

**Similar to illustration**



**General ordering data**

|                 |  |
|-----------------|--|
| Version         | DC/f transformer, Input : 0-10 V, Output : Frequency, 0... 1/ 4/ 8/ 16 kHz |
| Order No.       | <a href="#">8242040000</a>   |
| Type            | DK U-F DK5 0-10V   |
| GTIN (EAN)      | 4008 19040 1979  |
| Qty.            | 10 items   |
| Delivery status | Discontinued   |
| Available until | 2025-09-29T00:00:00+02:00  |

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Height     | 64 mm   | Height (inches) | 2.5197 inch |
| Width      | 12 mm   | Width (inches)  | 0.4724 inch |
| Length     | 76.8 mm | Length (inches) | 3.0236 inch |
| Net weight | 22.1 g  |                 |             |

## Temperatures

|                     |                |                       |              |
|---------------------|----------------|-----------------------|--------------|
| Storage temperature | -25 °C...60 °C | Operating temperature | 0 °C...60 °C |
|---------------------|----------------|-----------------------|--------------|

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 7a, 7cl                              |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 35d83707-6a3b-45b5-b9f8-6ba8184c863e |

## Input

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

## Output

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

## General data

|                         |                    |                    |                |
|-------------------------|--------------------|--------------------|----------------|
| Accuracy                | 0.2 % v. FSR       | Protection degree  | IP20           |
| Status indicator        | LED, pulsing       | Supply voltage     | 24 V DC ± 10 % |
| Current consumption     | 14 mA without load | Mounting rail      | TS 35, TS 32   |
| Temperature coefficient | ≤ 250 ppm/K        | Operating altitude | ≤ 2000 m       |

## Insulation coordination

|                    |                |   |         |
|--------------------|----------------|---|---------|
| Galvanic isolation | 2-way isolator | Insulation voltage input or output/rail | 4 kVeff |
| Insulation voltage | 1 kV DC        | Rated voltage                           | 300 V   |

## Connection data

|                      |                     |                                  |                   |
|----------------------|---------------------|----------------------------------|-------------------|
| Type of connection   | Screw connection    | Clamping range, rated connection | 4 mm <sup>2</sup> |
| Clamping range, min. | 0.5 mm <sup>2</sup> | Clamping range, max.             | 4 mm <sup>2</sup> |

## Classifications

|           |          |             |             |
|-----------|----------|-------------|-------------|
| ETIM 8.0  | EC002918 | ETIM 9.0    | EC002918    |
| ETIM 10.0 | EC002918 | ECLASS 14.0 | 27-21-01-28 |

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ECLASS 15.0

27-21-01-28

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