


## Digital display - MCR-SL-D-FIT - 2864024

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MCR digital display, for measuring and displaying frequencies, pulses and times, 6-fig. display

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 017918 976477 |
| GTIN         | 4017918976477   |

### Technical data

#### Dimensions

|        |       |
|--------|-------|
| Width  | 48 mm |
| Height | 24 mm |
| Depth  | 68 mm |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 65 °C |
| Ambient temperature (storage/transport) | -25 °C ... 70 °C |
| Degree of protection                    | IP65 (Front)     |
| Noise immunity                          | EN 61000-6-2     |

#### Input data

|                                   |       |
|-----------------------------------|-------|
| Input resistance of voltage input | 10 kΩ |
|-----------------------------------|-------|

#### Switching output

|                           |                   |
|---------------------------|-------------------|
| Output name               | 1 NPN optocoupler |
| Maximum switching voltage | 30 V DC           |
| Max. switching current    | 10 mA             |

#### Power supply

|                      |                     |
|----------------------|---------------------|
| Supply voltage range | 10 V DC ... 30 V DC |
|----------------------|---------------------|

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## Technical data

### Power supply

|                          |            |
|--------------------------|------------|
| Max. current consumption | max. 40 mA |
|--------------------------|------------|

### Connection data

|                                  |  |
|----------------------------------|--|
| Connection method                | Pluggable screw connection                   |
| Stripping length                 | 8 mm   |
| Screw thread                     | M3   |
| Conductor cross section solid    | 0.14 mm <sup>2</sup> ... 1 mm <sup>2</sup>   |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 26 ... 16                                    |

### General

|                  |                    |
|------------------|--------------------|
| Noise emission   | EN 55011 / class B |
| Noise immunity   | EN 61000-6-2       |
| Color            | gray               |
| Housing material | Macrolon 2405      |

### Standards and Regulations

|                                  |                    |
|----------------------------------|--------------------|
| Noise emission                   | EN 55011 / class B |
| Noise immunity                   | EN 61000-6-2       |
|                                  | EN 61000-4-2       |
| Connection in acc. with standard | CUL                |
| Conformance                      | CE-compliant       |
| UL, USA/Canada                   | UL 863             |

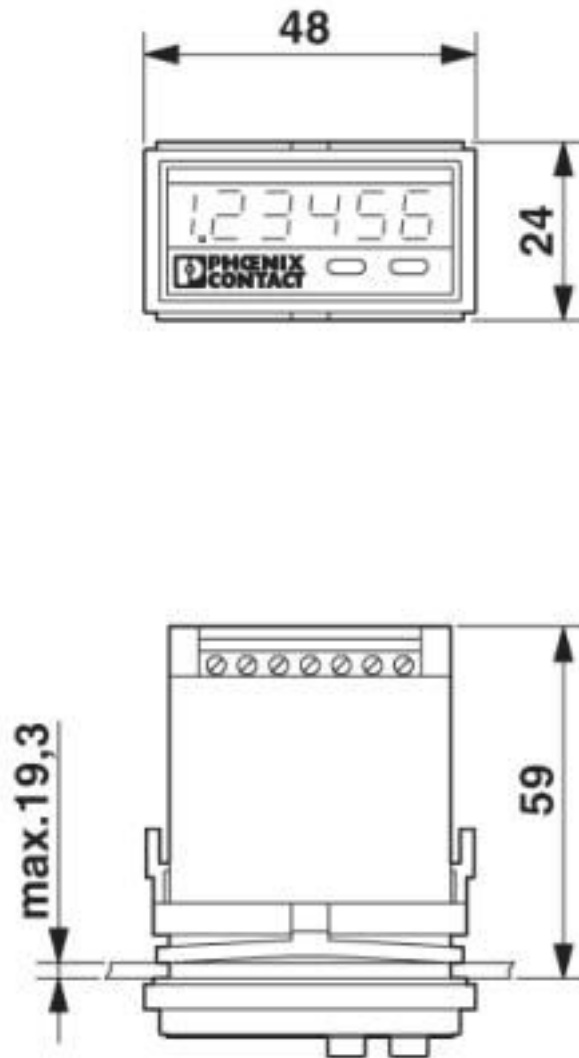
### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

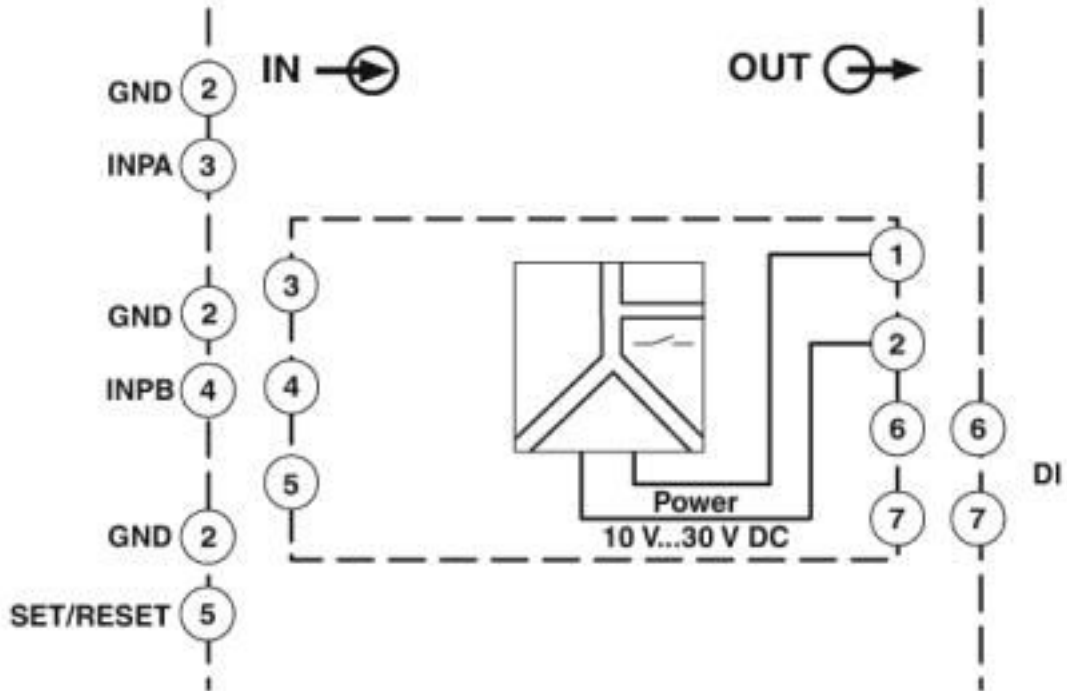
## Digital display - MCR-SL-D-FIT - 2864024

Dimensional drawing



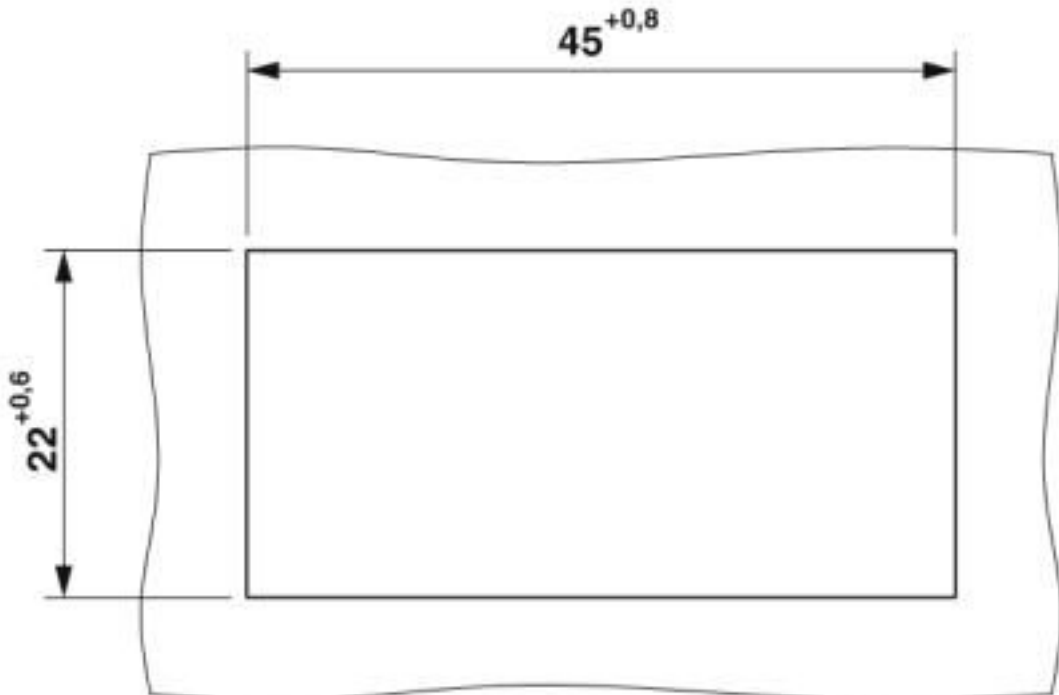
# Digital display - MCR-SL-D-FIT - 2864024

Block diagram



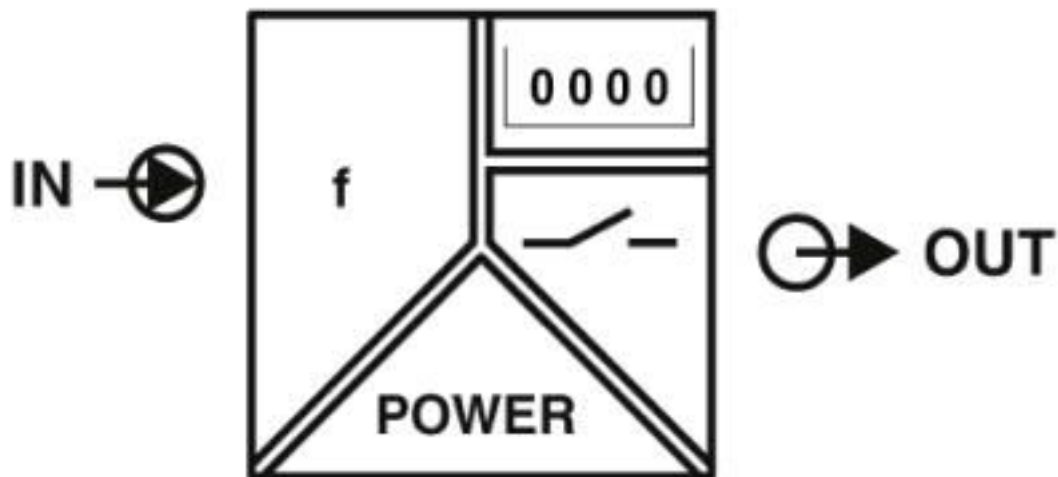
Block diagram MCR-SL-D-FIT

Dimensional drawing

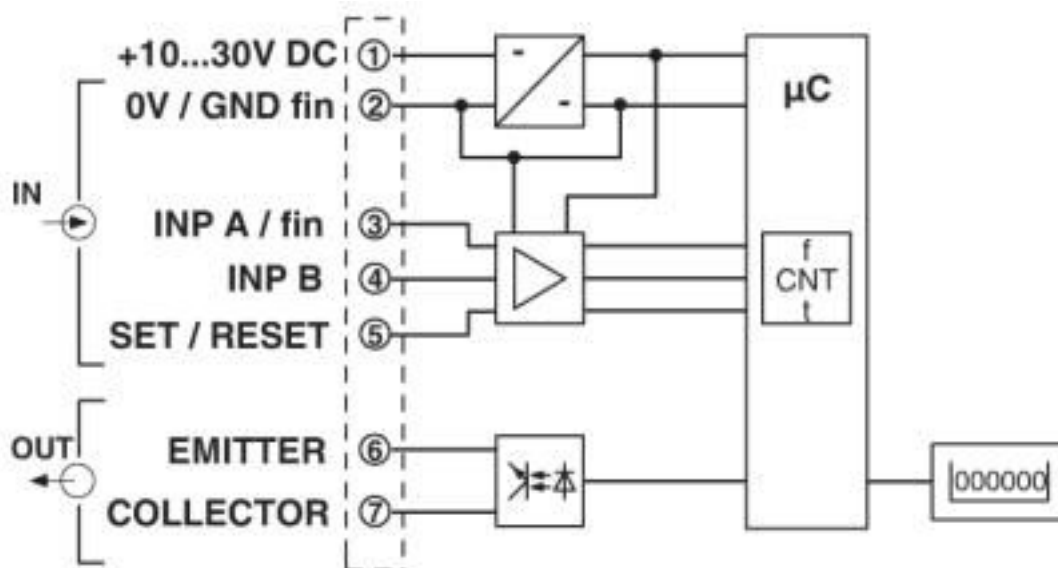


# Digital display - MCR-SL-D-FIT - 2864024

Pictogram



Circuit diagram



## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27210301 |
| eCl@ss 4.0    | 27210300 |
| eCl@ss 4.1    | 27210300 |
| eCl@ss 5.0    | 27210300 |
| eCl@ss 5.1    | 27210300 |
| eCl@ss 6.0    | 27210300 |
| eCl@ss 7.0    | 27210301 |
| eCl@ss 8.0    | 27210301 |

# Digital display - MCR-SL-D-FIT - 2864024

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 9.0 | 27210301 |
|------------|----------|

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001426 |
| ETIM 3.0 | EC001426 |
| ETIM 4.0 | EC001426 |
| ETIM 5.0 | EC001426 |
| ETIM 6.0 | EC001426 |
| ETIM 7.0 | EC001426 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211506 |
| UNSPSC 7.0901 | 39121008 |
| UNSPSC 11     | 39121008 |
| UNSPSC 12.01  | 39121008 |
| UNSPSC 13.2   | 39121008 |
| UNSPSC 18.0   | 39121008 |
| UNSPSC 19.0   | 39121008 |
| UNSPSC 20.0   | 39121008 |
| UNSPSC 21.0   | 39121008 |

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

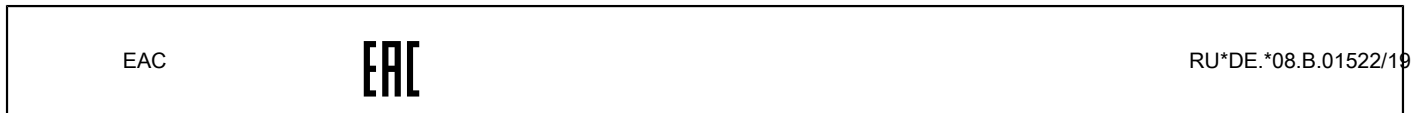
### Approval details

|               |  |   |               |
|---------------|--|---|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 197577 |
|---------------|--|---|---------------|

|                |  |   |               |
|----------------|--|---|---------------|
| cUL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 197577 |
|----------------|--|---|---------------|

## Digital display - MCR-SL-D-FIT - 2864024

### Approvals



### Accessories

#### Accessories

#### Mounting rail adapter

DIN rail adapter - MCR-SL-D-RA - 2810081



DIN rail adapter for digital displays in a 24x48 mm housing. Suitable for 35 mm DIN rails in acc. with EN 60715.

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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[QD](#) [HPT205A/F](#)