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## Digital display - MCR-FL-D-U-I-2SP-230 - 2864228

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MCR digital display, for measurement and display of standard signals, auxiliary voltage of 90 V AC ... 260 V AC

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 820695

### Technical data

#### Dimensions

Width	96 mm
Height	48 mm
Depth	93.1 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP65 from the front

#### Input data

Voltage input signal	0 V ... 10 V -10 V ... 10 V
Current input signal	0 mA ... 20 mA 4 mA ... 20 mA
Max. input voltage	± 30 V
Max. input current	50 mA
Input resistance of voltage input	> 1 MΩ
Input resistance current input	< 50 Ω

#### Switching output

Output name	2 x relay output + digital display
Contact type	2 PDT
Contact material	AgCdO
Maximum switching voltage	300 V DC

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## Technical data

### Switching output

	250 V AC
Min. switching current	30 mA DC
Interrupting rating (ohmic load) max.	50 W
	2000 VA
Max. switching current	3 A

### Power supply

Supply voltage range	90 V AC ... 260 V AC
Power consumption	max. 6 VA

### General

Test voltage, input/output/supply	500 V <sub>rms</sub> / 2.3 kV <sub>rms</sub> , 50/60 Hz, 1 min.
Color	black
Housing material	Macrolon 2405
Conformance	CE-compliant
UL, USA / Canada	UL 508 Recognized

### Standards and Regulations

Connection in acc. with standard	CUL
Conformance	CE-compliant
UL, USA / Canada	UL 508 Recognized

## Classifications

### eCl@ss

eCl@ss 4.0	27143201
eCl@ss 4.1	27143201
eCl@ss 5.0	27143201
eCl@ss 5.1	27143201
eCl@ss 6.0	27143201
eCl@ss 7.0	27143201
eCl@ss 8.0	27242304

### ETIM

ETIM 2.0	EC000677
ETIM 3.0	EC000677
ETIM 4.0	EC000677
ETIM 5.0	EC001426

### UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008

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## Classifications

### UNSPSC

UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

UL Recognized

cUL Recognized

EAC

EAC

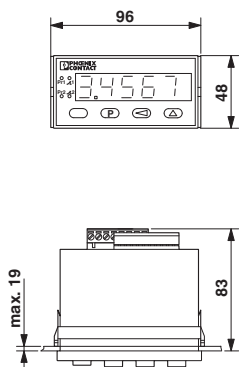
EAC

cULus Recognized

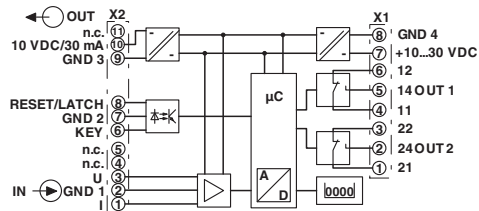
## Drawings

# Digital display - MCR-FL-D-U-I-2SP-230 - 2864228

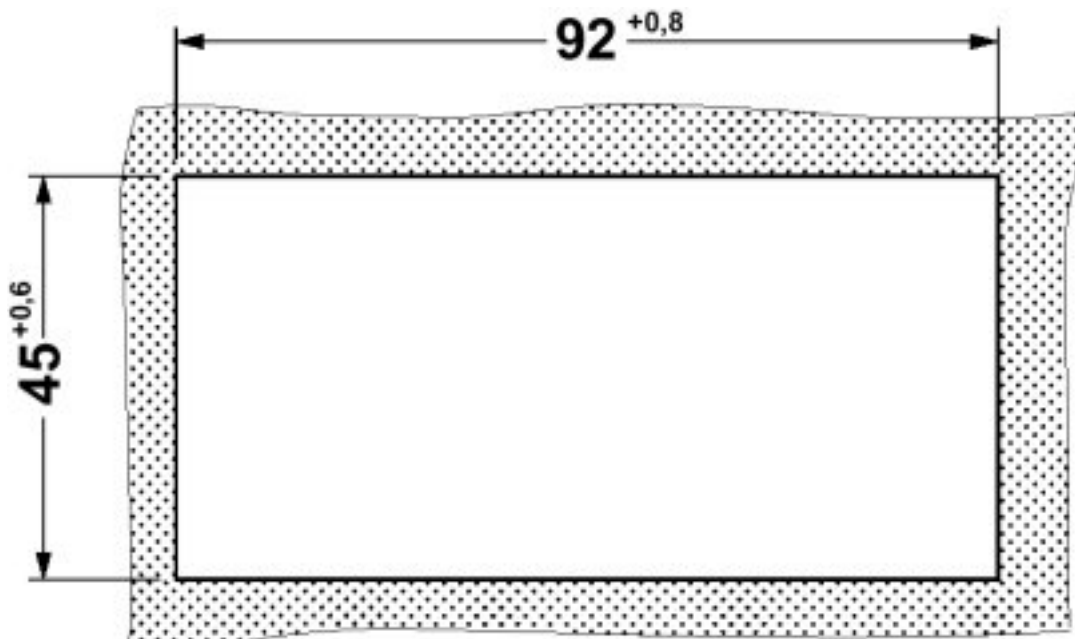
Dimensional drawing



Circuit diagram



Dimensional drawing



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Product	Code	Reference	Product link
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