

# Digital display - MCR-FL-D-T-2SP-230 - 2864244


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MCR digital display, for measurement and display of temperatures and linear mV characteristic curves, auxiliary power supply 230 V DC



## Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 352 (IF-2007)
GTIN	 4 017918 820671
Custom tariff number	90291000
Country of origin	GERMANY

## Technical data

### Input data

Max. input voltage	10 V DC
Input signal	Resistance thermometers in 2, 3 or 4-conductor technology (in accordance with DIN 43760/DIN IEC 751), e.g. PT100/PT1000 (-200...+800°C)
Input signal	Thermocouple sensors (in accordance with DIN IEC 584-1/DIN 43710): B, E, J, K, N, R, S, T

### Switching output

Output name	2 x relay output + digital display
Contact type	2 PDT
Contact material	AgCdO
Maximum switching voltage	300 V DC
Maximum switching voltage	250 V AC
Min. switching current	30 mA DC
Interrupting rating (ohmic load) max.	50 W
Interrupting rating (ohmic load) max.	2000 VA

### Power supply

Supply voltage range	90 V AC ... 260 V AC
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## Technical data

### Power supply

Power consumption	max. 6 VA
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### General data

Width	96 mm
Height	48 mm
Depth	93.1 mm
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP65 from the front
Test voltage, input/output/supply	(500 Vrms / 2.3 kVrms, 50/60 Hz, 1 min.)
Color	black
Housing material	Macrolon 2405
Conformance	CE-compliant

## Classifications

### eclass

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

### etim

ETIM 2.0	EC000677
ETIM 3.0	EC000677
ETIM 4.0	EC000677

### unspsc

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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## Approvals

Ex Approvals

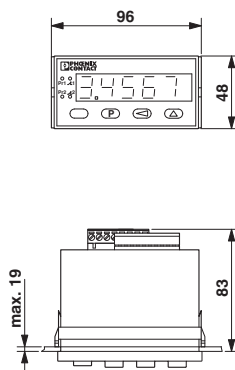
Approvals submitted

## Approval details

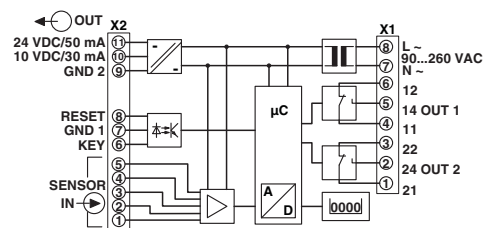


## Drawings

### Dimensioned drawing

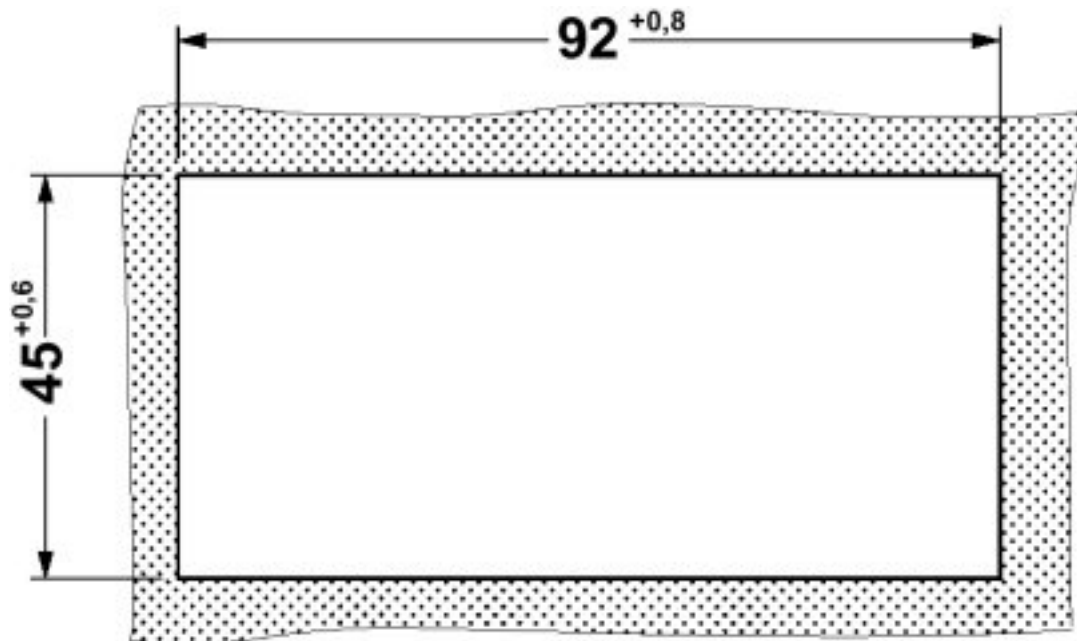


### Circuit diagram



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Dimensioned drawing



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