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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# 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

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### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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## Approvals

Ex Approvals

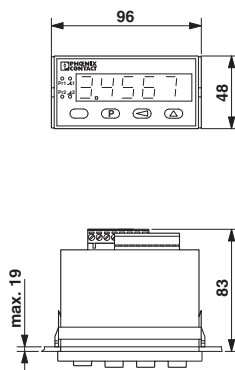
Approvals submitted

## Approval details

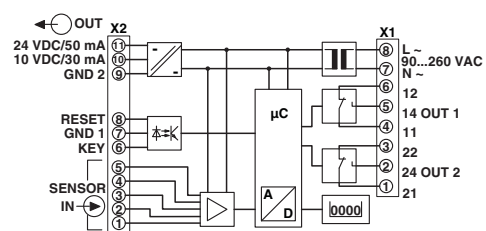


## Drawings

### Dimensioned drawing

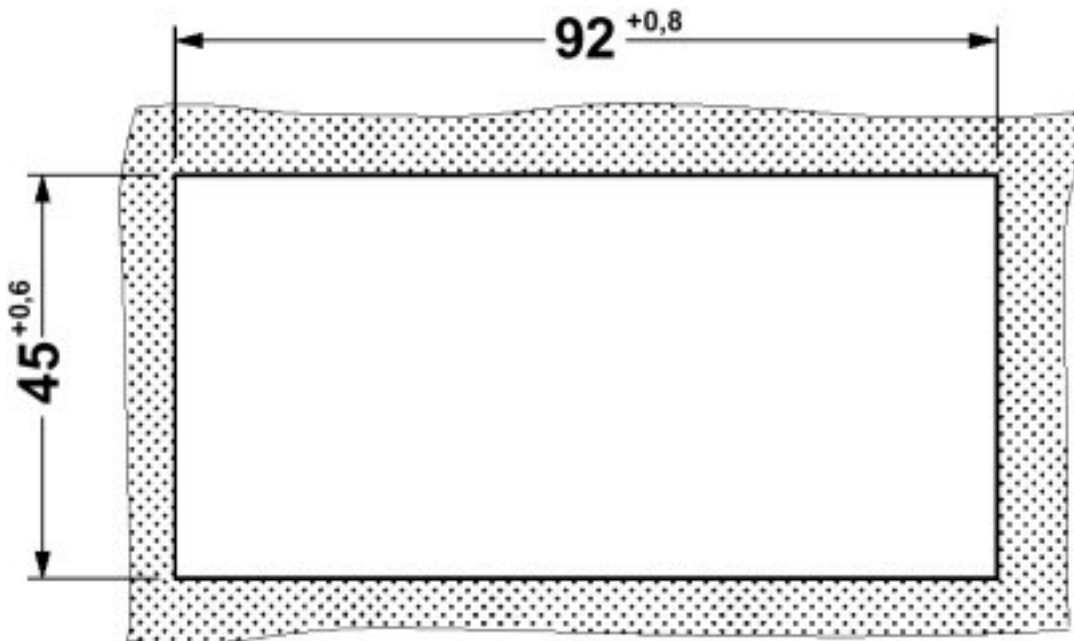


### Circuit diagram



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Dimensioned drawing



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