

Repeater power supply - MCR-CPS-I-I-44-E - 2814553

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MCR repeater power supplies, input signal: 4...20 mA, output signal: 4...20 mA



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 148515
Weight per Piece (excluding packing)	130.5 GRM
Custom tariff number	85437090
Country of origin	Germany

Technical data

Dimensions

Width	17.5 mm
Height	99 mm
Depth	114.5 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 65 °C
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Input data

Description of the input	Current input (sensor circuit)
Current input signal	4 mA ... 20 mA
Max. input current	100 mA
Transmitter supply voltage range	20 V ... 30 V
Transmitter supply current	< 30 mA

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Output data

Output name	Current output
Current output signal	4 mA ... 20 mA
Max. output current	approx. 28 mA
Output current with wire break	0 mA
Output current with short-circuit	> 20 mA
Load/output load current output	$\leq 500 \Omega$

Power supply

Supply voltage range	20 V DC ... 30 V DC
Max. current consumption	approx. 70 mA

Connection data

Connection method	Pluggable screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Stripping length	8 mm
Screw thread	M3

General

No. of channels	1
Maximum transmission error	$\leq 0.1 \%$ (of final value)
Maximum temperature coefficient	< 0.01 %
Limit frequency (3 dB)	30 Hz
Step response (10-90%)	approx. 10 ms
Protective circuit	Transient protection
Test voltage, input/output/supply	1 kV (50 Hz, 1 min.)
Color	green
Housing material	Polyamide PA non-reinforced
Mounting position	any
Conformance	CE-compliant
UL, USA / Canada	cULus

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Classifications

eCl@ss

eCl@ss 4.0	27210120
eCl@ss 4.1	27210120
eCl@ss 5.0	27210120
eCl@ss 5.1	27210120
eCl@ss 6.0	27210120

ETIM

ETIM 2.0	EC001485
ETIM 3.0	EC001485
ETIM 4.0	EC001485
ETIM 5.0	EC001485

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized 

