

**PRO-M
CP M CAP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

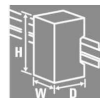
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



Use our diode and redundancy modules to connect two power supplies and compensate for a device failing. In addition, our capacity module offers power reserves, guaranteeing purposeful and quick triggering of a circuit breaker, for example.

General ordering data

Type	CP M CAP
Order No.	1222240000
Version	Capacity module
GTIN (EAN)	4050118005523
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	34 mm	Width (inches)	1.339 inch
Height	130 mm	Height (inches)	5.118 inch
Depth	150 mm	Depth (inches)	5.905 inch
Net weight	725 g		

Temperatures

Humidity	5...95 %, no condensation	Operating temperature, max.	70 °C
Operating temperature, min.	-25 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C	Operating temperature	-25 °C...70 °C
Storage temperature	-40 °C...85 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

DC input voltage range	18...30 V DC	Rated input voltage	24 V DC
Wire connection method	Screw connection		

Output

Peak current output	load dependent (typ. 40 A for 1 ms)	Recovery time for the capacitor	Approx. 1 sec.
Switching thresholds	21.6 V DC, relay is on for Power Good, 20.4 V DC, relay is off for Power Fail	Voltage monitoring	Yes
Wire connection method	Screw connection		

General data

Humidity	5...95 %, no condensation	MTBF	> 500,000 h in accordance with IEC 61709 (SN29500)
Mounting position, installation notice	Horizontal on TS35 mounting rail. 50 mm of clearance at top & bottom for air circ. Can mount side by side with no space in between.	Operating temperature	-25 °C...70 °C
Protection degree	IP20		

EMC / shock / vibration

Noise emission in accordance with EN55032	Class B	Vibration resistance IEC 60068-2-6	1 g according to EN 50178
Interference immunity test acc. to	EN 61000-4-2 (ESD) EN 61000-4-3 and EN 61000-4-8 (fields) EN 61000-4-4 (burst) EN 61000-4-5 (surge) EN 61000-4-6 (conducted) EN 61000-4-11 (dips)	Shock resistance IEC 60068-2-27	15 g In all directions

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Technical data
Insulation coordination

Insulation voltage	0.5 kV _{Input / output - Box}
Protection class	III, with no ground connection, for SELV

Pollution severity	2
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Electrical safety (applied standards)

Electrical machine equipment	Acc. to EN60204
Safety extra-low voltage	SELV according to EN 60950, PELV according to EN 60204

For use with electronic equipment	Acc. to EN50178 / VDE0160
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Connection data (input)

Conductor cross-section, AWG/kcmil , max.	12
Conductor cross-section, flexible , min.	0.5 mm ²
Conductor cross-section, rigid , min.	0.5 mm ²
Wire connection cross section, flexible (input), max.	4 mm ²

Conductor cross-section, AWG/kcmil , min.	26
Conductor cross-section, rigid , max.	6 mm ²
Number of terminals	4 (++-)

Connection data (output)

Conductor cross-section, AWG/kcmil , max.	12
Conductor cross-section, flexible , max.	2.5 mm ²
Conductor cross-section, rigid , max.	6 mm ²
Number of terminals	3 (CO contacts)

Conductor cross-section, AWG/kcmil , min.	26
Conductor cross-section, flexible , min.	0.5 mm ²
Conductor cross-section, rigid , min.	0.5 mm ²

Signalling

Floating contact	Yes
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Approvals

Institute (GERMLLOYD)



Certificate No. (GERMLLOYD)

94767-10

Institute (cULus)



Certificate no. (cULus)

E258476

Classifications

ETIM 6.0	EC002850
eClass 9.0	27-04-06-92
eClass 10.0	27-04-06-92

ETIM 7.0	EC002850
eClass 9.1	27-04-92-01

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Technical data

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	DE_PA5200_160512_001.pdf
Engineering Data	EPLAN, WSCAD
User Documentation	Operating instructions