

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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

CP M CAP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

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

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

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

EMC / shock / vibration

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)	Noise emission in accordance with EN55032	Class B
Shock resistance IEC 60068-2-27	15 g In all directions	Vibration resistance IEC 60068-2-6	1 g according to EN 50178

Insulation coordination

Insulation voltage	0.5 kV Input / output - Box	Pollution severity	2
Protection class	III, with no ground connection, for SELV		

Creation date March 23, 2021 9:24:25 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

CP M CAP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Electrical safety (applied standards)

Electrical machine equipment

Acc. to EN60204

For use with electronic equipment

Acc. to EN50178 /
VDE0160

Connection data (input)

Conductor cross-section, AWG/kcmil ,
max.

12

Conductor cross-section, AWG/kcmil ,
min.

26

Conductor cross-section, flexible , min.

0.5 mm²

Conductor cross-section, rigid , max.

6 mm²

Conductor cross-section, rigid , min.

0.5 mm²Wire connection cross section, flexible
(input), max.4 mm²

Connection data (output)

Conductor cross-section, AWG/kcmil ,
max.

12

Conductor cross-section, AWG/kcmil ,
min.

26

Conductor cross-section, flexible , max.

2.5 mm²

Conductor cross-section, flexible , min.

0.5 mm²

Conductor cross-section, rigid , max.

6 mm²

Conductor cross-section, rigid , min.

0.5 mm²

Number of terminals

3 (CO contacts)

Signalling

Floating contact

Yes

Approvals

Certificate No. (GERMLLOYD)

94767-10

Certificate no. (cULus)

E258476

Institute (GERMLLOYD)

GERMLLOYD

Institute (cULus)

CULUS

Classifications

ETIM 6.0

EC002850

ETIM 7.0

EC002850

ECLASS 9.0

27-04-06-92

ECLASS 9.1

27-04-92-01

ECLASS 10.0

27-04-06-92

ECLASS 11.0

27-04-06-92

Approvals

Approvals



ROHS

Conform

UL File Number Search

E258476

Downloads

Approval/Certificate/Document of
Conformity[DE_PA5200_160512_001.pdf](#)

Engineering Data

[EPLAN, WSCAD](#)

User Documentation

[Operating instructions](#)