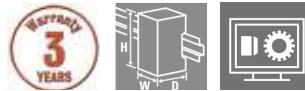


ConnectPower CP DC BUFFER 24V 20A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



DC buffers take over the 24 V DC power supply in the range from 250 ms to 1 s in automation systems in the event of a power supply outage. The necessary energy is stored in internal capacitors and thus absolutely maintenance-free.

The respective state of the buffers is displayed visually by means of an LED and signalled electrically with a relay and a transistor output.

General ordering data

Type	CP DC BUFFER 24V 20A
Order No.	1251220000
Version	UPS control unit, 30 V, 24 V
GTIN (EAN)	4050118043174
Qty.	1 pc(s).

ConnectPower
CP DC BUFFER 24V 20A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**Dimensions and weights**

Width	66 mm	Width (inches)	2.598 inch
Height	130 mm	Height (inches)	5.118 inch
Depth	150 mm	Depth (inches)	5.905 inch
Net weight	1,280 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
------------	----------------

Rated data UL

Certificate No. (cURus)	E349964
-------------------------	---------

Input

Connection system	Screw connection	Input current	0...22 A
Input voltage, max.	30 V	Input voltage, min.	22.5 V
Max. approved input current	22 A	Rated input voltage	24 V DC
Surge protection	31 - 34 V (only at discharge)		

output

Output current	20A	Output current, max.	22 A
Output voltage	24 V	Output voltage	Corresponds to the input voltage
Overload protection	≥ 22 A (only at discharge)	Parallel connection option	Yes, without diode module
Surge protection	31 - 34 V (only at discharge)		

General data

Buffer times	250 ms at 20 A, 6 s at 1 A	Clip-in foot	metal
Degree of efficiency	95 %	Humidity	5...95 %, no condensation
MTBF	> 500,000 h in accordance with IEC 61709 (SN29500)	Max. perm. air humidity (operational)	5 %...95 % RH
Operating temperature	-25 °C...70 °C	Protection degree	IP20
Storage medium	Internal condenser		

System data

Output current	20A
----------------	-----

ConnectPower CP DC BUFFER 24V 20A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

EMC / shock / vibration

Noise emission in accordance with EN55032	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)
Class B		

Insulation coordination

Insulation voltage, input/output	1 kV
----------------------------------	------

Electrical safety (applied standards)

For use with electronic equipment	Acc. to EN50178 / VDE0160
-----------------------------------	---------------------------

Connection data (input)

Conductor cross-section, flexible, min.	0.5 mm ²	Connection system	Screw connection
Wire connection cross section (input), max.	16 mm ²		

Signalling

Status indicator	Status relay (max. load)	Input voltage OK (30 V AC/DC 2A), Ready for operation (24 V AC/DC 300 mA)
Green LED		

Approvals

Institute (cURus)		Certificate No. (cURus)	E349964
-------------------	---	-------------------------	---------

Classifications

ETIM 6.0	EC002850	eClass 6.2	27-04-06-03
eClass 7.1	27-04-06-03	eClass 8.1	27-04-06-03
eClass 9.0	27-04-06-92	eClass 9.1	27-04-92-01

Approvals

Approvals	
-----------	---

Downloads

Approval/Certificate/Document of Conformity	DE_PA5200_160510_001.pdf
Brochure/Catalogue	CAT 4.3 ELECTR 15/16 EN
Engineering Data	EPLAN, WSCAD
User Documentation	Operating instructions