imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

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Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-2083 www.weidmueller.com



UPS control modules provide the installation with a 12/24 V DC supply voltage

within seconds should the power supply fail. Professional signalling guarantees the evaluation of all relevant signal conditions directly on site:

the battery module performs the complete management of the external lead-acid accumulators.

A constant charging and discharging routine guarantees a long service life for the batteries.

General ordering data

Order No.	<u>9916280024</u>	
Туре	CP-BBU 115-230VAC / 24VDC	
Version	UPS control unit, 24 V	
GTIN (EAN)	4032248217878	
Qty.	1 pc(s).	

Technical data



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2 A time-lag fuse (internal) DC; typ.115-230 V AC ±1 Surge protection Varistor Turn-on current limit Thermistor output Battery charging current 2 A Battery voltage 27.3 V Conductor connection system Screw connection Connection range AWG26-12 (0.1-4.0 mm²) Control at input voltage 0.2 % Mains failure bridge-over time for 115 V AC 24 ms Mains failure bridge-over time for 115 V AC 24 ms Mains failure bridge-over time for 230 V AC 190 ms Mains failure bridge-over time for 115 V AC 24 ms Mains failure bridge-over time for 115 V AC 24 ms Output tourrent Max. 15 A / max 9.0 A for power supply unit Output voltage 24 V DC Output current Max. 15 A / max 9.0 A for power supply unit Output voltage 24 V DC Standards EN 55011, EN 55022, EN 55022, EN 55024, EN 61000-62, 3 Depth 127.5 mm Operating temperature -20 *C+50 *C Standards Dil NE N 50178, DIN EN 60178, DIN EN	Dimensions			
Height 127.5 mm Weight 950 g Temperatures -20 *C+50 *C Storage temperature -20 *C+85 *C Input Conductor connection system Screw connection Four content on the system -20 *C+85 *C Conductor connection system Screw connection Four content on the system -20 *C+85 *C Input fuse 2.0 *V.C Four content on the system Screw connection Four content on the system Surge protection Variator Turn-on current limit Thermistor output Screw connection Four content on the system Screw connection Statis failure bridge over time for 230 V AC 190 ms Mains failure bridge-over time for 115 V AC 24 ms Mains failure bridge over time for 230 V AC 190 ms Mains failure bridge-over time for 115 V AC 24 ms Mains failure bridge-over time for 230 V AC 190 ms Mains failure bridge-over time for 115 V AC 24 ms Output current Max. 15 A / ms 3 0.A for power Mains failure bridge-over time for 115 V AC 24 ms Output power 360 W Contection range 73 - 22 *C Operating temperature -20 *C+50 *C Standards Standards Diver Voltage Status indication Green LED (full charage): battery voltage - 23 *V Standards <th>Longth</th> <th>161 mm</th> <th>Midth</th> <th>70.5 mm</th>	Longth	161 mm	Midth	70.5 mm
Temperatures Operating temperature -20 °C+50 °C Storage temperature -20 °C+65 °C Input Conductor connection system Screw connection Storage temperature -20 °C+65 °C Conductor connection system Screw connection Storage temperature -20 °C+65 °C Input fuse 2 A time-lag fuse (internal) Storage temperature 50/ 60 Hz Storage protection Varistor Turn-on current limit Thermistor Output 2 A Screw connection Screw connection range AWG26-12 (0.14.0 mm?) Battery charging current 2 A Connection range AWG26-12 (0.14.0 mm?) Conductor connection system Screw connection Connection range AWG26-12 (0.14.0 mm?) Conductor connection system Screw connection Mains failure bridge-over time for 115 V AC 2 Arm Mains failure bridge-over time for 115 V AC 2 Arm Mains failure bridge-over time for 230 V AC 190 ms Mains failure bridge-over time for 115 V AC 2 Arm Mains failure bridge-over time for 115 V AC 2 Arm Output current Max. 15 A / max 8.0 A for power supply unit Output voltage 24 V DC Output current -20 °C+50 °C Store 0°C Store 0°C <td></td> <td></td> <td></td> <td></td>				
Operating temperature -20 °C+50 °C Storage temperature -20 °C+85 °C Input Conductor connection system Screw connection AWG28-12 (0.1-4.0 mm²) input current 1.A & 15 V AC Storage temperature -20 °C+85 °C input fuse 2.A time-lag fuse (internal) For events 50/ 60 Hz Surge protection Varistor Turn-on current limit Thermistor output Connection range AWG28-12 (0.1-4.0 mm²) Screw connection Conductor connection system 2 A time-lag fuse (internal) Turn-on current limit Thermistor Conductor connection system Screw connection Connection range AWG28-12 (0.1-4.0 mm²) Control at input voltage 0.2 % Mains failure bridge-over time for 115 V AC 24 ms Mains failure bridge-over time for 200 VAC 190 ms Output current Mains failure bridge-over time for 115 V AC 24 ms Mains failure bridge-over time for 200 VAC 190 ms Output current Mains failure bridge-over time for 115 V AC 24 ms Mains failure bridge-over time for 200 VAC 190 ms Output current Mains failure bridge-over time for 115 V AC 24 ms Mains failure bridge-over time for 200 VAC 190 ms Output current Mains failure bridge-over time for 115 V AC 24 ms	<u> </u>	127.5 1111	weight	330 g
Input Conductor connection system Conductor connection system Screw connection Connection range Connection range Connection range Connection Connection Control Contro	Temperatures			
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input current 1 A @ 115 V AC; 0.6 A @ 230 V AC input frequency 50/ 60 Hz input fuse 2 A time-lag fuse (internal) DC; ty 0.115-230 V AC ±1 surge protection Varistor Tum-on current limit Thermistor output Battery charging current 2 A Battery voltage 27.3 V conductor connection system Screw connection Connecton range AWG2E-12 (0.1-4.0 mm?) Mains failure bridge-over time for 230 V AC 190 ms Contput voltage 24 V DC output current Max. 15 A / max 9.0 A for power supply unit Output voltage Output voltage output power 360 W Degree of efficiency at max. load 72 % Extended to the store of the store	Input			
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Mains failure bridge-over time for 230 V AC 190 ms Max. 15 A / max 9.0 A for power supply unit Max. residual ripple < 50 mV _{eff} Output current Max. 15 A / max 9.0 A for power supply unit Output voltage 24 V DC output power 360 W 26 merced 24 V DC General data Degree of efficiency at max. load 72 % Depth 127.5 mm EMC standards EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3 Depth 127.5 mm Operating temperature -20 °C+50 °C Standards DIN EN 50178, DIN EN 60950, IEC950 Status indication Green LED (full charge): battery voltage > 29.5 V DC, Yellow LED (low battery): battery voltage > 29.5 V DC, Yellow LED (charging): BBU is loading battery, Red LED (reversed battery): battery voltage < 22 V DC, Yellow LED (chattery open): no Abattery voltage, Red LED (reversed battery): battery voltage are reversed, LED red (battery open): no Abattery is connected				· · · · ·
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General data Degree of efficiency at max. load 72 % EMC standards EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3 Operating temperature -20 °C+50 °C Status indication Green LED (full charge): battery voltage > 29.5 V DC, Yellow LED (low battery): battery voltage < 22 V DC, Yellow LED (charging): BBU is loading battery, Red LED (reversed battery): battery poles are reversed, LED red (battery open): no AC input voltage, Red LED red (battery open): no battery is connected	·	power supply unit	Output voltage	24 V DC
Degree of efficiency at max. load 72 % Depth 127.5 mm EMC standards EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3 Low Voltage Directive 73/ 23/ EWG Operating temperature -20 °C+50 °C Standards DIN EN 50178, DIN EN 60950, IEC950 Status indication Green LED (full charge): battery voltage > 29.5 V DC, Yellow LED (low battery): battery voltage < 22 V DC, Yellow LED (charging): BBU is loading battery, Red LED (error): no AC input voltage, Red LED (reversed battery): battery oples are reversed, LED red (battery open): no battery oples areversed, LED red (battery open): no battery oples areversed, LED	output power	360 W		
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-20 °C+50 °C 60950, IEC950 Status indication Green LED (full charge): battery voltage > 29.5 V DC, Yellow LED (low battery): battery voltage < 22 V DC, Yellow LED (charging): BBU is loading battery, Red LED (error): no AC input voltage, Red LED (reversed battery): battery poles are reversed, LED red (battery open): no battery is connected Switching frequency Insulation coordination 100 kHz Humidity at operating temperature 20 - 85% RH without condensation Protection degree IP 20 electrical isolation, input-earth 1.5 kV				73/ 23/ EWG
battery voltage > 29.5 V DC, Yellow LED (low battery): battery voltage < 22 V DC, Yellow LED (charging): BBU is loading battery, Red LED (error): no AC input voltage, Red LED (reversed battery): battery poles are reversed, LED red (battery open): no battery is connected 100 kHz Insulation coordination 100 kHz Humidity at operating temperature 20 - 85% RH without condensation Humidity at storage temperature Protection degree IP 20 electrical isolation, i/O rail 3 kV electrical isolation, input-earth 1.5 kV at solution, input-output 3 kV	Operating temperature	-20 °C+50 °C	Standards	
Humidity at operating temperature 20 - 85% RH without condensation Humidity at storage temperature 20 to 90% Protection degree IP 20 electrical isolation, I/O rail 3 kV electrical isolation, input-earth 1.5 kV electrical isolation, input-output 3 kV	Status indication	battery voltage > 29.5 V DC, Yellow LED (low battery): battery voltage < 22 V DC, Yellow LED (charging): BBU is loading battery, Red LED (error): no AC input voltage, Red LED (reversed battery): battery poles are reversed, LED red (battery open): no	Switching frequency	100 kHz
condensation20 to 90%Protection degreeIP 20electrical isolation, I/O rail3 kVelectrical isolation, input-earth1.5 kVelectrical isolation, input-output3 kV	Insulation coordination			
condensation 20 to 90% Protection degree IP 20 electrical isolation, I/O rail 3 kV electrical isolation, input-earth 1.5 kV electrical isolation, input-output 3 kV	Humidity at operating topporature	20 85% PH without	Humidity at storage temporature	
Protection degree IP 20 electrical isolation, I/O rail 3 kV electrical isolation, input-earth 1.5 kV electrical isolation, input-output 3 kV			numinity at storage temperature	20 to 90%
electrical isolation, input-earth 1.5 kV electrical isolation, input-output 3 kV	Protection degree		electrical isolation. I/O rail	
	electrical isolation, output-earth	0.5 kV	, , , , , , , , , , , , , , , , ,	

Technical data

Classifications

Weidmüller 🗲

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ETIM 2.0	EC001039	ETIM 3.0	EC001039
ETIM 4.0	EC002541	UNSPSC	30-21-18-01
eClass 4.1	27-24-04-10	eClass 5.1	27-04-90-02
eClass 6.0	EC27049201		

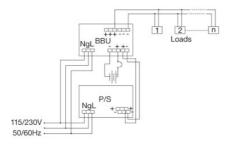
Approvals

Approvals



Drawings

Electric symbol





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