Data sheet

DURA ECO LA-BAT 24V 1.2AH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



The 5 battery modules with capacities from 1,2 Ah to 17Ah can supply up to 40 A for 30 minutes or 1 A for 30 hours and are fully compatible with the DC UPS control units CP DC UPS 24V 20A/10A & CP DC UPS 24V 40A. And for sure, the DURAeco series is a flexible & ease of use solution in a cost-effective design.

General ordering data

Version	Battery
Order No.	2789890000
Type	DURA ECO LA-BAT 24V 1.2AH
GTIN (EAN)	4064675068648
Qty.	1 items

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Technical data

Approvals

Approvals	
UL File Number Search	UL Website
Certificate no. (cULus)	E258476

Dimensions and weights

Depth	124 mm	Depth (inches)	4.8819 inch
Height	149.5 mm	Height (inches)	5.8858 inch
Width	52 mm	Width (inches)	2.0472 inch
Net weight	1750 g		

Temperatures

Storage temperature	-15 °C...50 °C	Operating temperature	
Humidity	5...95 % RH		

Environmental Product Compliance

RoHS Compliance Status	Not affected
REACH SVHC	Lead 7439-92-1
SCIP	30bf869c-8adc-4ed2-ad02-c1fec963e943

Operating interfaces and control inputs

Temperature probe	NTC 100 kΩ

Input

Rated input voltage	24 V DC	Nominal capacity	1.3 Ah
Charging current, max.	0.2 A		

Output

Parallel connection option	Yes	
Output current, max.	15 A	
Temperature probe	NTC 100 kΩ	
Buffer time depending on current	Current	6 A
	Buffer time	3 min
	Current	4.5 A
	Buffer time	5 min
	Current	1.4 A
	Buffer time	30 min
Overload and short circuit protection	10 A fuse	

General data

Ambient temperature	-15 °C...+50 °C	Humidity	5...95 % RH
Protection degree	IP20	Life expectancy	5.65 a

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Vibration DIN rail/wall in accordance with IEC 68-2-6	0.7 / 0.7 g	Clip-in foot	metal
Shock wall acc. to IEC 68227	30 g		

Insulation coordination

Protection class	III, with no ground connection, for SELV		

Connection data (input)

Number of terminals	2 (+,−)	Conductor cross-section input (AWG), max.	12 AWG
Conductor cross-section (AWG) (input), min.	24 AWG	Wire connection cross-section, flexible (input), max.	4 mm²
Conductor cross-section, flexible , min.	0.2 mm²	Conductor cross-section, rigid , max.	4 mm²
Conductor cross-section, rigid , min.	0.2 mm²	Tightening torque (input). min.	0.5 Nm
Tightening torque (input). max.	0.5 Nm		

Connection data (signal)

Wire connection cross-section, flexible (signal), max.	4 mm²	Wire connection method (signal)	Pluggable screw connection
Wire cross-section (AWG) (signal), max.	12	Wire cross-section, solid (signal), min.	0.2 mm²
Wire cross-section, solid (signal), max.	4 mm²	Wire connection cross-section, flexible (signal), min.	0.2 mm²
Number of terminals (signal)	2	Wire cross-section (AWG) (signal), min.	24 mm²

Classifications

ETIM 8.0	EC002850	ETIM 9.0	EC002850
ETIM 10.0	EC002850	ECLASS 14.0	27-04-06-92
ECLASS 15.0	27-04-06-92		

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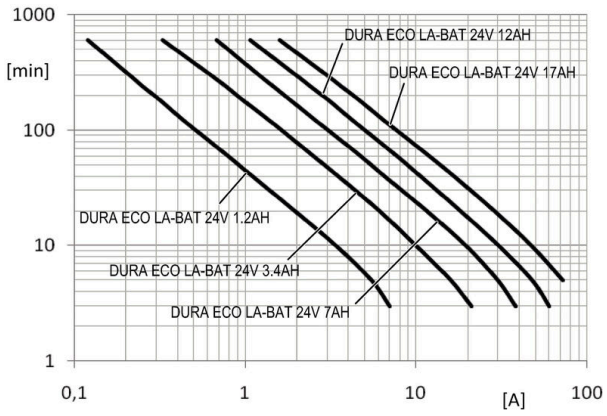
Drawings



Buffer Time

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Accessories

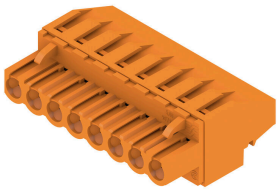
Blade fuses



General ordering data

Type	CP A FUSE 15A	Version
Order No.	2582100000	UPS control unit
GTIN (EAN)	4050118699708	
Qty.	2 ST	

BLZP 5.08HC/270 SN



Female plugs with clamping-yoke connection for connecting wires with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Type	BLZP 5.08HC/04/270 SN B...	Version
Order No.	1949040000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 4,
GTIN (EAN)	4032248626496	270°, Clamping yoke connection, Conductor cross-section (rated
Qty.	90 ST	connection), max.: 4 mm², Box