

DURA ECO LA-BAT 24V 7AH

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

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The Weidmüller battery modules consist of high-quality Panasonic batteries. These are sealed, maintenance-free lead-fleece batteries. The battery modules are fitted with a temperature sensor to provide optimum battery charging and battery life. This facilitates temperature-compensated charging of the batteries.

The neat design as well as the plug-in connections for the battery connection and the temperature sensor allow the batteries to be fitted safely and quickly.

General ordering data

Version	Battery
Order No.	2789910000
Type	DURA ECO LA-BAT 24V 7AH
GTIN (EAN)	4064675068662
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	135 mm	Depth (inches)	5.315 inch
Height	158 mm	Height (inches)	6.22 inch
Width	162 mm	Width (inches)	6.378 inch
Net weight	6,120 g		

Temperatures

Storage temperature	-20 °C...60 °C	Humidity	5...95 % RH
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Operating interfaces and control inputs

Temperature probe	NTC 100 kΩ
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Input

Charging current, max.	1.08 A	Nominal capacity	7 Ah
Rated input voltage	24 V DC		

Output

Buffer time 10A	26.5 min	Buffer time 20A	11.5 min
Buffer time 40A	5 min	Output current, max.	50 A
Overload and short circuit protection	2x25 A fuse	Parallel connection option	Yes
Temperature probe	NTC 100 kΩ		

General data

Ambient temperature	Charge: -15...+50°C, Discharge: -20...+60°C	Humidity	5...95 % RH
Life expectancy	5.65 year	Protection degree	IP20
Shock wall acc. to IEC 68227	30 g	Vibration DIN rail/wall in accordance with IEC 68-2-6	- / 0.7 g

Insulation coordination

Protection class	III, with no ground connection, for SELV
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Connection data (input)

Conductor cross-section, AWG/kcmil , max.	6	Conductor cross-section, AWG/kcmil , min.	24
Conductor cross-section, flexible , min.	0.5 mm ²	Conductor cross-section, rigid , max.	16 mm ²
Conductor cross-section, rigid , min.	0.5 mm ²	Wire connection cross section, flexible (input), max.	10 mm ²

Connection data (signal)

Number of terminals	2	Wire connection method	Pluggable screw connection
Wire cross-section, AWG/kcmil , max.	16	Wire cross-section, AWG/kcmil , min.	24
Wire cross-section, solid , max.	1.5 mm ²	Wire cross-section, solid , min.	0.2 mm ²

Creation date March 8, 2023 11:12:56 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Approbations

Certificate no. (cULus)	E258476	Institute (cULus)	www.weidmueller.com
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Classifications

ETIM 6.0	EC002850	ETIM 7.0	EC002850
ETIM 8.0	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	ECLASS 12.0	27-04-06-92

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	30bf869c-8adc-4ed2-ad02-c1fec963e943

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheets Safety Data Sheet

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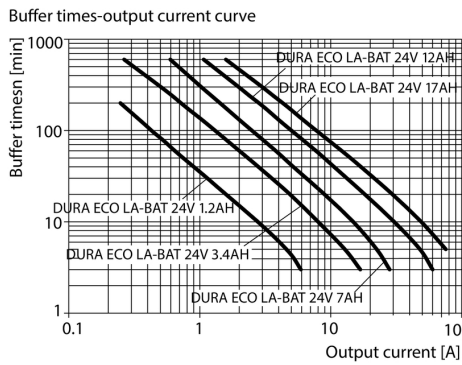
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Drawings



Buffer Time