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6EP1935-6MD31 SITOP BATTERY MODULE 24 V/2.5 AH

Technical / CAx data

☒ Technical Data ☐ CAx data

SITOP PURE LEAD BATTERY
MODULE 24 V/2.5 AH WITH
SERVICE-FREE SEALED LEAD-ACID
BATTERIES FOR SITOP DC UPS
MODULE 6 A AND 15 A



Technical specifications

Product	SITOP Battery module
Product type	Battery module 2.5 Ah
Type of battery	maintenance-free pure lead batteries

Charging current

End of charging voltage / for DC

• at -10 °C / recommended	29 V
• at 0 °C / recommended	28.6 V
• at 10 °C / recommended	28.3 V
• at 20 °C / recommended	27.9 V
• at 30 °C / recommended	27.5 V
• at 40 °C / recommended	27.2 V
• at 50 °C / recommended	26.8 V
• at 60 °C / recommended	26.4 V

charging current / maximum

5 A

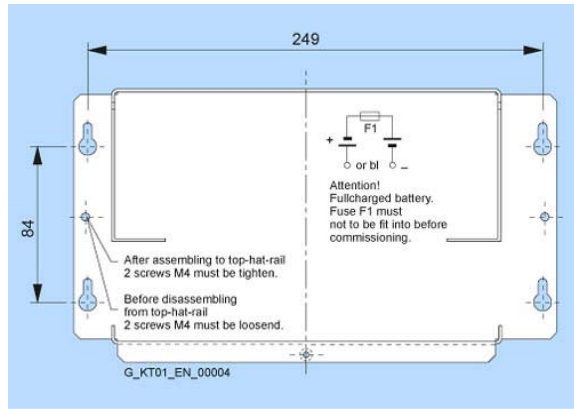
Safety

Design of the short-circuit protection	Battery fuse 15 A/32 V (solid-state circuitry blade-type fuse + support)
Design of the overload protection	Valve control

Safety

Protection class	Class III
CE mark	Yes

UL/cUL (CSA) approval	cURus-Recognized (UL 1778, CSA C22.2 No. 107.1), File E219627
Protection class IP	IP00
Operating data	
<ul style="list-style-type: none"> note 	For storage, mounting and operation of lead-acid batteries, the relevant DIN/VDE regulations or country-specific regulations (e.g. VDE 0510 Part 2/EN 50272-2) must be observed. You must ensure that the battery site is sufficiently ventilated. Possible sou
Ambient temperature	
<ul style="list-style-type: none"> in operation 	-40...+60 °C
<ul style="list-style-type: none"> on transport 	-40...+60 °C
<ul style="list-style-type: none"> in storage 	-40...+60 °C
Relative, temporary capacity loss / at 20 °C / in a month / typical	3 %
Service life	
Service life of lead-acid battery	
<ul style="list-style-type: none"> typical / note 	capacity falls to 50 % of original capacity
<ul style="list-style-type: none"> at 20 °C / typical 	10 a
<ul style="list-style-type: none"> at 30 °C / typical 	7 a
<ul style="list-style-type: none"> at 40 °C / typical 	3 a
<ul style="list-style-type: none"> at 50 °C / typical 	1.5 a
<ul style="list-style-type: none"> at 60 °C / typical 	1 a
Mechanics	
Connection technology	spring-loaded terminals
Design of the electrical connection	1 screw terminal each for 0.08 ... 2.5 mm² for + BATT and - BATT
Product component / belonging to	Accessories pack with solid-state circuitry fuse 15 A
Width / of the housing	265 mm
Height / of the housing	151 mm
Depth / of the housing	91 mm
Installation width	285 mm
Mounting height	171 mm
Net weight	3.8 kg
Installation	snaps onto DIN rail EN 60715 35x15 or keyhole mounting for hooking in to M4 screws
Number of cells	12
Other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)



letzte Änderung:

May 14, 2012