



Main

Range of product	Phaseo
Product or component type	Battery control module
Input voltage	24...28.8 V DC
Output voltage	(U _{battery} -0.5) V in battery mode DC (U _{in} -0.25) V in nominal mode DC
Maximum output current	20 A

Complementary

Input voltage limits	22...30 V
Current consumption	0.1 mA, no load ≤ 40.6 A 0.6 A, on load
Power dissipation in W	< 7 W
Activation threshold	Adjustable 22...36 V
Number of output channels	1
Holding current	1 A 2 A 3 A 4 A 5 A 6 A 7 A 8 A 10 A 15 A 20 A
Output protection type	Against overload, protection technology: 1.5 x I _n Against short-circuits, protection technology: battery-backed mode, automatic reset Against short-circuits, protection technology: power-supplied mode
Connections - terminals	Screw type terminals input connection, connection capacity: 2 x 0.5...2 x 10 mm ² AWG 20...AWG 8 Screw type terminals output connection, connection capacity: 2 x 0.5...2 x 10 mm ² AWG 20...AWG 8 Removable screw terminal block diagnostic relay, connection capacity: 1 x 0.75 mm ²
Fixing mode	By clips on 35 mm symmetrical DIN rail, operating position: horizontal By clips on 35 mm symmetrical DIN rail, operating position: vertical
Operating altitude	6561.68 ft (2000 m)
Marking	CE
Name of test	Conducted/Radiated emissions conforming to EN 55022 Class B, 20 % derating factor

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrostatic discharges conforming to EN/IEC 61000-4-2
 Emission conforming to EN 61000-6-3
 Induced electromagnetic field conforming to EN/IEC 61000-4-6 level 3
 Radiated electromagnetic field conforming to EN/IEC 61000-4-3 level 3
 Rapid transient conforming to IEC 61000-4-4 level 3
 Surge conforming to EN/IEC 61000-4-5 level 2

Local signalling	1 C/O relay, function: alarm status 1 C/O relay, function: battery status 1 C/O relay, function: power supply status LCD screen, function: module status
Product weight	1.1 lb(US) (0.5 kg)
Holding time	0.5 s 1 s 2 s 5 s 10 s 30 s 1 mn 2 mn 3 mn 4 mn 5 mn 6 mn 7 mn 8 mn 9 mn 10 mn 15 mn 20 mn 30 mn 40 mn 50 mn 1 h 2 h 3 h 5 h
Holding solution	Use of battery modules
Compatibility code	ABL8B

Environment

IP degree of protection	Conforming to EN/IEC 60529
Ambient air temperature for operation	-13...140 °F (-25...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	0...90 % during operation 0...95 % during storage
Overvoltage category	Class II conforming to VDE 0106-1
Vibration resistance	3.5 mm (f = 3...11.9 Hz) conforming to EN/IEC 61131-2 2 gn (f = 11.9...150 Hz) conforming to EN/IEC 61131-2
Dielectric strength	500 V between input and ground 500 V between output and ground
Product certifications	RCM EAC
Standards	UL 508 CSA C22.2 No 60950-1
Environmental characteristic	EMC conforming to EN 61000-6-3 EMC conforming to EN/IEC 61000-6-2 Safety conforming to EN/IEC 60950-1 Safety conforming to EN/IEC 61204-3

Ordering and shipping details

Category	22525 - ABL8 AND ABL7 POWER SUPPLIE
Discount Schedule	CP12
GTIN	00785901594161
Nbr. of units in pkg.	1

Package weight(Lbs)	3.1000000000000001
Returnability	Y
Country of origin	PH

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0501 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - Go to CaP for more details Go to CaP for more details
Product environmental profile	Available

Contractual warranty

Warranty period	18 months
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