

# Product data sheet

Specifications



electronic protection module,  
phaseo ABL7 ABL8, 28 to 28.8V  
DC, 10A, for regulated SMPS, 1  
pole breaking by channel

ABL8PRE24100

! Discontinued

## Main

Range Of Product	Phaseo
Product Or Component Type	Electronic protection module
Input Voltage	24...28.8 V DC
Output Voltage	(Uin-0.3) V DC
Maximum Output Current	10 A per channel, rating: 1/2.5/4/5/7/8/10

## Complementary

Input Voltage Limits	19...32 V
Input Current	40 A
Number Of Output Channels	4
Output Protection Type	Against overload 1.3 x In Against short-circuits automatic reset Line protection 1 x 15 A integrated fuse per channel
Complementary Function	1-pole breaking by channel
Breaking Capacity	1000 A 32 V DC by fuse
Connections - Terminals	Input connection screw type terminals 4 x 0.5...4 x 10 mm² AWG 20...AWG 8 Diagnostic relay removable screw terminal block 1 x 2.5 mm² AWG 14 Output connection screw type terminals 8 x 0.5...8 x 4 mm² AWG 20...AWG 10
Fixing Mode	By clips 35 mm symmetrical DIN rail vertical On panel
Marking	CE
Name Of Test	Electrostatic discharges EN/IEC 61000-4-2 Emission EN 61000-6-3 Induced electromagnetic field EN/IEC 61000-4-6 level 3 Radiated electromagnetic field EN/IEC 61000-4-3 level 3 Rapid transient IEC 61000-4-4 level 3 Surge EN/IEC 61000-4-5 level 2 Conducted/radiated emissions EN 55022 Class B Emission EN 50081-1
Local Signalling	for channel status 1 LED per channel (green/red) for channel status 1 relay
Net Weight	1.04 lb(US) (0.47 kg)

## Environment

Product Certifications	UL cCSAus C-tick
Ambient Air Temperature For Operation	-13...140 °F (-25...60 °C)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C)
Environmental Characteristic	EMC EN 61000-6-3 EMC EN/IEC 61000-6-2 Safety EN/IEC 60950-1 Safety EN/IEC 61204-3
Ip Degree Of Protection	IP10 conforming to EN/IEC 60529
Dielectric Strength	500 V between input and ground 500 V between output and ground
Overvoltage Category	Class II VDE 0106-1
Relative Humidity	0...90 % during operation 0...95 % during storage
Vibration Resistance	2 gn 11.9...150 Hz)EN/IEC 61131-2 3.5 mm 3...11.9 Hz)EN/IEC 61131-2

## Ordering and shipping details

Category	22525-ABL8 AND ABL7 POWER SUPPLIE
Discount Schedule	CP12
Gtin	00785901562108
Returnability	No

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

## Contractual warranty

Warranty	18 months
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