

Modicon Power Supply
Regulated power supply for industrial use, rail
mounting
Functional modules for Modicon ABL8RP/WP Universal Power
Supply

Functionality		Supplying 5 Vdc to 15 Vdc auxiliary voltage		Continuity of service after a failure of power supply equipment		Continuity of service: Solutions to microbreaks and power outages		Solution for discriminating protection of the application	
									
Input Voltage		24 Vdc		24 Vdc		24 Vdc		24 Vdc	
Output voltage		5...6.5 Vdc	7...15 Vdc	24 Vdc		24 Vdc		24 Vdc	
Certifications and standards (1)		- CÉ marking - EAC - CSA - RCM - UL		- CÉ marking - EAC - CSA - RCM - UL		- CÉ marking - EAC - CSA - RCM - UL		- CÉ marking - EAC - CSA - RCM - UL	
Functional module type		Converter module		Redundancy module		Battery control modules		Buffer module	
Output current	2 A	ABL8DCC12020							
	6 A	ABL8DCC05060							
	10 A								
	20 A								
	40 A			ABL8RED24400					
Battery capacity	3.2 Ah								
	7 Ah								
	12 Ah								
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(1) Consult detail on conformity to standards for each reference in the product data sheet, click on [product reference](#) to open it.

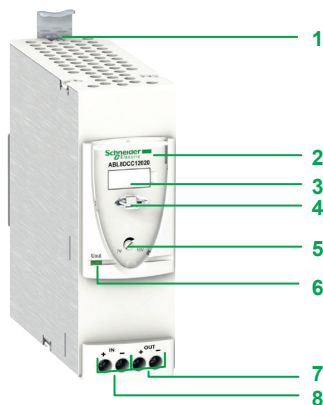
Note: Phaseo Functional modules shown in this document are identified as Modicon as they will undergo a future brand change.

All other product documentation will reference Phaseo until the brand change occurs.

Modicon Power Supply

Regulated power supply for industrial use, rail mounting

Functional modules for Modicon ABL8RP/WP Universal Power Supply



Supplying 5 Vdc and 12 Vdc auxiliary voltage

ABL8DCC●●●● functional modules are designed to convert the 24 Vdc voltage into a 5 to 15 Vdc voltage.

These modules can be used to make savings in the:

- Upstream protection normally used with the 5 to 15 Vdc power supply
- Connection to the line supply

Description

- 1 Spring clip for 35 mm (1.37 in) rail
- 2 Protective glass flap
- 3 Clip-on marker label
- 4 Locking catch for the glass flap (sealable)
- 5 Output voltage adjustment potentiometer
- 6 Output current status LED (green)
- 7 4 mm² enclosed screw terminals for connection of the 24 Vdc input voltage
- 8 4 mm² enclosed screw terminals for connection of the 5 Vdc or 12 Vdc output voltage

References

Functional module

Designation	Functionality	Primary (1)		Secondary		Reference	Weight kg /lb
		Input voltage	Output current power supply ABL8RP/WP Universal	Output voltage	Nominal current		
DC/DC converter modules	Supplying 5 to 12 Vdc auxiliary voltage	24 Vdc	2.2 A	5 Vdc Adjustable from 5 to 6.5 Vdc	6 A	ABL8DCC05060	0.300/ 0.661
			1.7 A	12 Vdc Adjustable from 7 to 15 Vdc	2 A	ABL8DCC12020	0.300/ 0.661

Replacement part

Designation	Composition	Unit reference	Weight kg /lb
Legend holder	Order in multiples of 100	LAD90	0.001/ 0.002

(1) Voltage from a 24 Vdc ABL8RP/WP Universal power supply.

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ABL8DCC12020



ABL8DCC05060