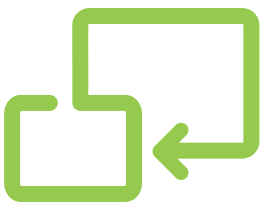


Product update

New - Phaseo Slim ABL4 RS/WS power supplies

> December 2010



The new Phaseo Slim power supplies provide 3.5A to 40A output and are suitable for **single-phase** and **three-phase** applications. They easily mount inside automation system enclosures due to their small size, and they meet the most demanding automation system requirements.

The new Phaseo Slim ABL4 range completely replaces the previous family of Phaseo power supplies, the ABL8 RP/WP, and when used in conjunction with Phaseo ABL8 function modules, they assure users of continuity of service in the event of a power outage or circuit overload.

Phaseo Slim ABL4 range - Key benefits

- > Compact - Up to 50% space saving compared to existing ABL8RP/WP
- > Wide range - including a new 30A 3-phase power supply
- > Feature rich - Integrated redundancy (20A), and add-on functional modules
- > Easy maintenance - removable terminals up to 240W
- > Cost effective - Up to -15% list price reduction compared to existing ABL8RP/WP
- > Compatibility with previous ABL8 range (differences listed overleaf)



Phaseo Slim ABL4 range - selection

Reference	Rated input voltage	Output voltage	Current/ Power	Width (mm)
ABL4RSM24035	1 phase 90-264VAC	24VDC	3.5A / 85W	39
ABL4RSM24050	1 phase 90-264VAC	24VDC	5A / 120W	39
ABL4RSM24100	1 phase 90-264VAC	24VDC	10A / 240W	63.5
ABL4RSM24200	1 phase 90-264VAC	24VDC	20A / 480W	80
ABL4WSR24200	3 phase 340-550VAC	24VDC	20A / 480W	80
ABL4WSR24300	3 phase 340-550VAC	24VDC	30A / 720W	80
ABL4WSR24400	3 phase 340-550VAC	24VDC	40A / 960W	80

Equivalence table with ABL8RP/WP range

Equivalent ABL8 and ABL4 power supplies	Points to be checked related to the application	Installation differences
ABL 8RPS24030 ABL 4RSM24035	Input voltage limits: > ABL4: 90..264V > ABL8: 85..550V	Input and output terminals reversed
ABL 8RPS24050 ABL 4RSM24050	Resetting of protection: > ABL4: automatic > ABL8: selectable, automatic or manual > ABL4 does not conform to IEC 61000-3-2 (1)	
ABL 8RPS24100 ABL4RSM24100	Input voltage limits: > ABL4: 90..264V > ABL8: 85..550V Resetting of protection: > ABL4: automatic > ABL8: selectable, automatic or manual > ABL4 does not conform to IEC 61000-3-2 (1)	120/230V voltage selection > ABL4: by link > ABL8: by terminal
ABL 8RPM24200 ABL 4RSM24200	Resetting of protection: > ABL4: automatic > ABL8: selectable, automatic or manual > ABL4 does not conform to IEC 61000-3-2 (1)	Input and output terminals reversed
ABL 8WPS24200 ABL 4WSR24200		120/230V voltage selection > ABL4: by link > ABL8: by terminal
ABL 8WPS24400 ABL 4WSR24400		Input and output terminals reversed

(1) Standard IEC/EN 61000-3-2 defines the harmonic limits of the input current that can be produced by equipment such as regulated switch mode power supplies ABL4 or ABL8. This standard is only applicable to electrical or electronic devices that are intended for connection to low voltage public distribution systems. This is rarely the case in industrial applications.

For more information please contact us
on 0870 608 8 608 or visit
www.schneider-electric.co.uk