

Power supplies

Phaseo AS-i ABL

Single phase power supplies 2.4 and 4.8 A for AS-Interface wiring system

Catalog

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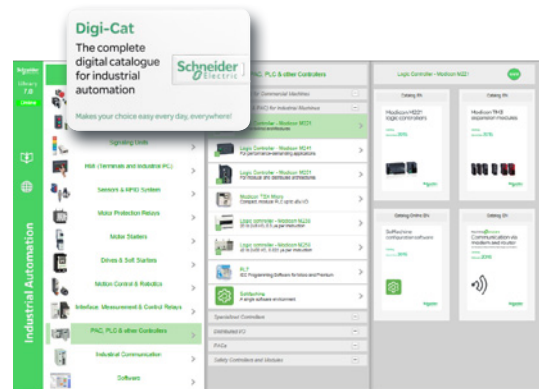
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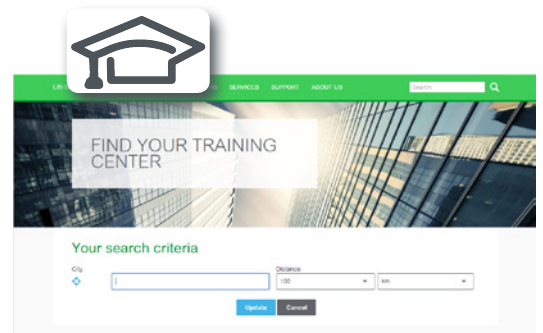
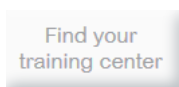


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Regulated switch mode power supplies for AS-Interface cabling system

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Power supplies

Phaseo AS-i ABL

Regulated switch mode power supplies for AS-Interface cabling system

Power supplies for AS-Interface cabling system

Consistent with the standard Phaseo line, the range of **AS-i ABL** power supplies is designed to deliver a \sim voltage, as required by AS-Interface cabling systems. Three versions are available to meet all needs encountered in industrial applications, in enclosures, cells or floor-standing enclosures. These single-phase, electronic, switch mode power supplies guarantee the quality of the output current, in accordance with the electrical characteristics and conforming to standard EN 50295.



ASIABLB3002

ASIABLB300●

Operating on a 100 to 240 V \sim supply, this power supply delivers a voltage of 30 V \sim . Available in 2.4 and 4.8 A ratings, the outgoing terminal block allows the cable to be connected separately to the AS-Interface interface modules and to the AS-Interface master. Input and output LEDs allow fast and continuous diagnostics.



ASIABLD3004

ASIABLD300●

Operating on a 100 to 240 V \sim supply, this power supply delivers a voltage of 30 V \sim . Available in 2.4 and 4.8 A ratings, it allows diagnosis and management of earth faults on AS-Interface interface modules. In the event of an earth fault, the Phaseo power supply stops dialogue on the AS-Interface cabling system and puts the installation in a fallback condition. Restarting is only possible after deliberate acknowledgement of the fault. Two inputs/outputs enable dialogue with a processing unit. The outgoing terminal block is used to connect the AS-Interface cable separately to the interface modules and master modules. Input, output and earth fault LED's allow fast and continuous diagnostics.



ASIABLM3024

ASIABLM3024

Operating on a 100 to 240 V \sim supply, this product provides two separate power supplies, which are totally independent in the way they operate. Two output voltages - 30 V/2.4 A (AS-Interface line supply) and 24 V/3 A - are available, so making it possible to supply the control equipment without an additional power supply. Input and output LEDs allow fast and continuous diagnostics.

Power supplies

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Regulated switch mode power supplies for AS-Interface cabling system

Selection of protection on the power supply primaries

Type of mains supply	~ 115 V single-phase			~ 230 V single-phase		
	Power supply	Thermal-magnetic circuit-breaker (1)	Gg fuse	Thermal-magnetic circuit-breaker (2-pole)	Gg fuse	
ASIABLB3002	GB2●B07	MG24517 (2)	2 A	GB2DB06	MG24516 (2)	2 A
ASIABLB3004	GB2●B08	MG24518 (2)	4 A	GB2DB07	MG17453 (2)	2 A
ASIABLD3002	GB2●B07	MG24517 (2)	2 A	GB2DB06	MG24516 (2)	2 A
ASIABLD3004	GB2●B08	MG24518 (2)	4 A	GB2DB07	MG17453 (2)	2 A
ASIABLM3024	GB2●B07	MG24517 (2)	2 A	GB2DB06	MG17453 (2)	2 A

(1) Single-phase protection, replace ● by C; 2-pole protection, replace ● by D.

(2) UL certified circuit breaker.

References

Input voltage	Secondary			Auto-protect reset	Earth fault detection	Reference	Weight kg/lb
	Output voltage	Nominal power	Nominal current				
Single phase (N-L1) or 2-phase (L1-L2)							
~ 100...240 V - 15%, + 10 % 50/60 Hz	≡ 30 V	72 W	2,4 A	Auto	No	ASIABLB3002	0.800/ 1.764
		144 W	4,8 A	Auto	No	ASIABLB3004	1.300/ 2.866
	≡ 30 V	72 W	2,4 A	Auto	Yes	ASIABLD3002	0.800/ 1.764
		144 W	4,8 A	Auto	Yes	ASIABLD3004	1.300/ 2.866
≡ 24 V	≡ 30 V	72 W	2,4 A	Auto	No	ASIABLM3024	1.300/ 2.866
		72 W	3 A				



ASIABLB3002

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