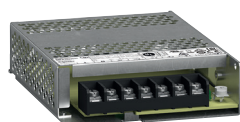


ABLP1A12085



ABLP1A24045



ABLP1A24062



ABLPA01



ABLP1A24100



ABLPA02

Modicon ABLP power supply

Selection of protection on the power supply primary

The device is designed, tested and approved for branch circuits up to 16 A (IEC) and 20 A (UL) without additional protection devices. If external protection is used, do not use circuit breakers smaller than those indicated in the table below to avoid spurious over-current/short-circuit detection by the circuit breaker. Use the Acti9 iC60 range of Miniature Circuit Breakers (1).

Modicon ABLP power supply	Type of protection
ABLP1A12085	10 A, C-curve or 13 A, B-curve
ABLP1A24045	10 A, C-curve or 13 A, B-curve
ABLP1A24062	10 A, C-curve or 13 A, B-curve
ABLP1A24100	10 A, C-curve or 13 A, B-curve

References

Modicon ABLP power supply						
Input voltage	Secondary Output voltage	Nominal power (2)	Nominal current	Reset after overload or short circuit (3)	Reference	Weight kg/lb
100...240 Vac - 10%, + 10% 50/60 Hz	12 Vdc	100 W	8.5 A	Auto.	ABLP1A12085	0.300 0.661
	24 Vdc	100 W	4.5 A	Auto.	ABLP1A24045	0.300 0.661
100...120 Vac / 200...240 Vac - 10%, + 10% 50/60 Hz	24 Vdc	150 W	6.2 A	Auto.	ABLP1A24062	0.360 0.793
100...240 Vac - 10%, + 10% 50/60 Hz	24 Vdc	240 W	10 A	Auto.	ABLP1A24100	0.850 1.873

Mounting accessories

Description	For use with	Unit reference	Weight kg/lb
Mounting kits: mounting plate for 35 mm (1.37 in.) DIN rail (4)	ABLP1A12085, ABLP1A24045, ABLP1A24062	ABLPA01	0.085/ 0.187
	ABLP1A24100	ABLPA02	0.035/ 0.077

Substitution of Phaseo ABL1 with Modicon ABLP power supply

Old reference (End of commercialization)	Replaced with ABLP reference
ABL1REM12050	ABLP1A12085
ABL1RPM12083	
ABL1REM24025	ABLP1A24045
ABL1REM24042	
ABL1RPM24042	
ABL1REM24062	ABLP1A24062
ABL1RPM24062	
ABL1REM24100	ABLP1A24100
ABL1RPM24100	

Note: in case of substitution into an existing machine, the external protection has to be adapted also.

(1) More information on Acti9 iC60 range on our [website](#).

(2) Nominal power given for mounting on Vertical plane (mounting B position, see [page 7](#)), for 230 Vac input voltage and for +50°C (131°F) ambient temperature. For other temperatures and mounting positions, consult the product data sheet (click on [product reference](#) to open it).

(3) In case of overtemperature or overvoltage the input voltage must be cycled to reset the detected error.

(4) Provided with screws to fix the plate on the power supply.