

REPORT

78 SERIES

Switch mode power supplies

NEW



Industrial Switch Mode DC Power Supplies 78 Series

Range of certified, versatile solutions, engineered for high-demand industrial automation panels.

- High efficiency
- Low stand-by power consumption
- DC output voltage adjustable
- Overvoltage protection: Varistor
- Short circuit protection with hiccup auto-recovery
- Parallel working for increased load current (with external diode) or redundancy
- Thermal protection with auto shutdown
- Box clamp
- 35 mm rail (EN 60715) mount



Panels for electrical
distribution



Automation
control



Elevators and lifts

78.W1



Standard

Single phase: compact and efficient

Industrial Single phase Switch Mode DC Power Supplies: 75 W and 120 W

Type 78.J1 - 24 V DC, 3.2 A, 75 W output, dimensions (w x h x d): 32.3 x 126.5 x 114.4 mm

Type 78.W1 - 24 V DC, 5 A, 120 W output, dimensions (w x h x d): 40 x 126.4 x 126.9 mm

- High peak current up to 30%
- Boost current up to 30% for 3 s (depending on version)
- Compliant with IEC/EN 62368-1, UL 61010

Industrial Single phase Switch Mode DC Power Supplies: 240 W and 480 W

Type 78.X1 - 24 V DC, 10 A, 240 W output, dimensions (w x h x d): 63 x 128.7 x 126.8 mm

Type 78.Y1 - 24 V DC, 20 A, 480 W output, dimensions (w x h x d): 85.5 x 128.7 x 142.1 mm

- Double stage with active PFC (Power Factor Correction)
- High peak current up to 30%
- Boost current up to 30% for 3 s (depending on version)
- Compliant with IEC/EN 62368-1, UL 61010



78.X1

78.H2



Wide supply voltage range

Dual phase: wide input range for increased versatility

Industrial Dual phase wide input range Switch Mode DC Power Supplies: 60 W and 120 W

Type 78.H2 - 24 V DC, 2.5 A, 60 W output, dimensions (w x h x d): 32 x 126.5 x 114.1 mm

Type 78.W2 - 24 V DC, 5 A, 120 W output, dimensions (w x h x d): 40 x 125.2 x 127 mm

- Auxiliary contact: DC OK
- High peak current up to 30%
- Boost current up to 30% for 3 s (depending on version)
- Compliant with EN 61010-1, UL 61010

Industrial Dual phase wide input range Switch Mode DC Power Supplies: 240 W and 480 W

Type 78.X2 - 24 V DC, 10 A, 240 W output, dimensions (w x h x d): 63.2 x 125.8 x 126.6 mm

Type 78.Y2 - 24 V DC, 20 A, 480 W output, dimensions (w x h x d): 85.7 x 130.3 x 141.8 mm

- Auxiliary contact: DC OK
- Constant current output limiting circuit
- Double stage with active PFC (Power Factor Correction)
- High peak current up to 30%
- Boost current up to 30% for 3 s (depending on version)
- Compliant with EN 61010-1, UL 61010



78.Y2

78.X3



High Performance

Three phase: for high power applications

Industrial Three phase wide input range Switch Mode DC Power Supplies: 240 W to 960 W

Type 78.X3 - 24 V DC, 10 A, 240 W output, dimensions (w x h x d): 63 x 127.6 x 126.7 mm

Type 78.Y3 - 24 V DC, 20 A, 480 W output, dimensions (w x h x d): 85.5 x 128.8 x 141.8 mm

Type 78.Z3 - 24 V DC, 40 A, 960 W output, dimensions (w x h x d): 110 x 136.9 x 162.4 mm

Current sharing possibility up to 3840 W: 4 power supply

- Dual phase functioning possible
- Auxiliary contact: DC OK
- Constant current output limiting circuit
- Double stage with active PFC (Power Factor Correction)
- High peak current up to 30%
- Boost current up to 30% for 3 s (depending on version)
- Compliant with EN 61010-1, UL 61010



78.Y3