

Product datasheet

Specifications



regulated SMPS - 3-phase - 380..500 V - 24 V - 40 A

ABLBWP S24400

Main

Range of product	Modicon Power Supply
product or component type	Power supply
Power supply type	Regulated switch mode
Nominal input voltage	380...500 V AC three phase, terminal(s): L1, L2, L3
Rated power in W	960 W
Output voltage	24 V DC
Power supply output current	40 A
Permissible temporary current boost	1.5 x In (for 4 s)
Anti-harmonic filter	Low frequency harmonic currents

Complementary

Input voltage limits	320...550 V AC
Inrush current	25 A
Power factor	0.85 at 24 V DC
Efficiency	92 %
Output voltage adjustment	24...28.8 V adjustable
Power dissipation in W	76.8 W
Provided equipment	Power factor correction filter conforming to IEC 61000-3-2
Output protection type	Against overload, protection technology: manual or automatic reset Against overvoltage, protection technology: 30...32 V, manual reset Against short-circuits, protection technology: manual or automatic reset Against undervoltage, protection technology: tripping if $U < 21.6$ V Thermal, protection technology: automatic reset
Connections - terminals	Removable screw terminal block: 2 x 2.5 mm ² , for diagnostic relay Screw type terminals: 3 x 0.5...3 x 4 mm ² , (AWG 22...AWG 12) for input connection Screw type terminals: 1 x 0.5...1 x 4 mm ² , (AWG 22...AWG 12) for input ground connection Screw type terminals: 4 x 0.5...4 x 10 mm ² , (AWG 22...AWG 8) for output connection
Status LED	1 LED (green and red) output voltage 1 LED (green, red and orange) output current
Depth	160 mm
Height	143 mm
Width	166 mm
net weight	2.7 kg
Output coupling	Parallel Series