Product datasheet

Specifications





rectified and filtered power supply - 3-phase - 400 V AC - 24 V - 20 A

Local distributor code: 389706753

ABL8TEQ24200

(!) To be discontinued on: 30 May 2024

(!) To be end-of-service on: 30 May 2025

1) To be discontinued

EAN Code: 3389119401388

Main

Range Of Product	Modicon Rectified				
Product Or Component Type	Power supply				
Power Supply Type	Rectified and filtered				
Rated Power In W	480 W				
Nominal Input Voltage	400 V AC three phase, terminal(s): L1, L2, L3				
Output Voltage	24 V DC				
Power Supply Output Current	20 A				
Anti-Harmonic Filter	Low frequency harmonic currents				
Product Certifications	EAC KC UL 508 cULus				

Complementary

Network Frequency Limits	4763 Hz					
Input Voltage Limits	360440 V					
Power Factor	0.81 at 400 V					
Efficiency	78 %					
Power Dissipation In W	105 W					
Output Coupling	Parallel Series					
Output Protection Type	Against overvoltage, protection technology: 2 J peak limiter Against overload and short-circuits, protection technology: external fuse, 25 A					
Hold-Up Time	6 ms					
Status Led	1 LED (green) output voltage					
Connections - Terminals	For input ground connection: screw type terminals, connection capacity: 1 x 2.51 x 4 mm ² AWG 14AWG 11 For input connection: screw type terminals, connection capacity: 9 x 2.59 x 4 mm ² AWG 14AWG 11 For output connection: screw type terminals, connection capacity: 4 x 104 x 16 mm ² AWG 8AWG 6					
Depth	213.0 mm					
Height	102.0 mm					
Width	220 mm					
Net Weight	9.79 kg					

Compatibility Code

Environment

Ip Degree Of Protection	IP20 conforming to EN/IEC 60529				
Ambient Air Temperature For Operation	-2055 °C				
Ambient Air Temperature For Storage	-4080 °C				
Relative Humidity	095 % without condensation or dripping water				
Operating Altitude	3000 m				
Safety Class	Class I conforming to VDE 0106-1				
Dielectric Strength	2000 V between input and ground 4600 V between input and output 500 V between output and ground				
Other Environmental Characteristic	EMC conforming to IEC 62041 Safety conforming to EN/IEC 61558-2-6 Safety conforming to UL 508 Safety conforming to UL 60950-1 EMC conforming to EN/IEC 61000-3-2				

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	16.400 cm
Package 1 Width	32.600 cm
Package 1 Length	36.800 cm
Package 1 Weight	10.988 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	12
Package 2 Height	105.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	140.000 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free
Rohs Exemption Information Yes
Pvc Free

Certifications & Standards

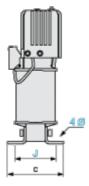
Reach Regulation	REACh Declaration			
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)			
China Rohs Regulation	China RoHS declaration			
Environmental Disclosure	Product Environmental Profile			
Circularity Profile	End of Life Information			

Product datasheet

Dimensions Drawings

Dimensions





Dimensions in mm

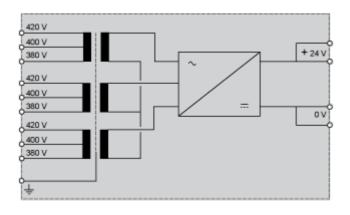
а	b	С	G	J	Ø
220	215	104	200	80	8

Dimensions in in.

а	b	с	G	J	Ø
8.66	8.46	4.09	7.87	3.15	0.31

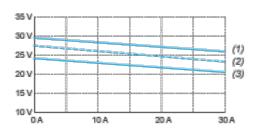
Connections and Schema

Internal Wiring Diagram



Performance Curves

Load Limits Curve



- (1) Nominal line supply + 10%
- (2) Nominal line supply
- (3) Nominal line supply 10%