Product data sheet Characteristics

ABL8FEQ24150

rectified and filtered power supply - 1 or 2-phase - 400 V AC - 24 V - 15 A



Local distributor code: 389706588



Main

Range of product	Modicon Rectified	
Product or component type	Power supply	
Power supply type	Rectified and filtered	
Rated power in W	360 W	
Input voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2	
Output voltage	24 V DC	
Power supply output current 15 A		
Anti-harmonic filter Low frequency harmonic currents		
Product certifications	EAC KC CULus UL 508	

Complementary

Complementary	
Network frequency limits	4763 Hz
Input voltage limits	360440 V 207253 V
Cos phi	0.663 at 400 V 0.693 at 230 V
Efficiency	80 %
Power dissipation in W	72 W
Output coupling	Series Parallel
Output protection type	Against overvoltage, protection technology: 2 J peak limiter Against overload and short-circuits, protection technology: external fuse, 20 A
Holding time	14 ms
Status LED	1 LED (green) output voltage 1 LED (orange) input voltage
Residual ripple	<= 1200 MV
Connections - terminals	For input connection: screw type terminals, connection capacity: 5 x 2.55 x 4 m-m² AWG 14AWG 11 For input ground connection: screw type terminals, connection capacity: 1 x 2.51 x 4 mm² AWG 14AWG 11 For output connection: screw type terminals, connection capacity: 4 x 4 m-m² AWG 11
Depth	181.0 Mm
Height	138.0 Mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherended as a substitute for and is not to be used for determining suitability or reliability of these products by specific base applications. It is the dourn arise and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Width	135 Mm
Net weight	9.27 Kg
Compatibility code	ABL8F

Environment

IP degree of protection	IP20 conforming to EN/IEC 60529		
Ambient air temperature for operation	-2060 °C		
Ambient air temperature for storage	-4080 °C		
Relative humidity	095 % without condensation or dripping water		
Operating altitude	3000 m		
Electrical shock protection 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		
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

i acking office	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	10.36 Kg
Package 1 Height	37.0 Cm
Package 1 width	32.5 Cm
Package 1 Length	16.5 Cm
Unit Type of Package 2	P12
Number of Units in Package 2	12
Package 2 Weight	130.936 Kg
Package 2 Height	60.0 Cm
Package 2 width	80.0 Cm
Package 2 Length	120.0 Cm

Offer Sustainability

Sustainable offer status	Green Premium product		
REACh Regulation	☑ REACh Declaration		
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration		
Mercury free	Yes		
RoHS exemption information	€Yes		
China RoHS Regulation	China RoHS Declaration		
Environmental Disclosure	Product Environmental Profile		
Circularity Profile	End Of Life Information		
PVC free	Yes		

Contractual warranty

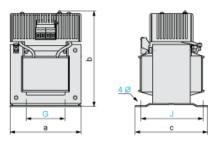
Warranty	18 months			



Product data sheet Dimensions Drawings

ABL8FEQ24150

Dimensions



Dimensions in mm

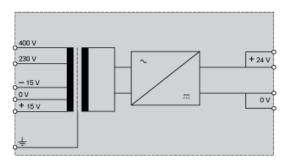
а	b	С	G	J	Ø
135	185	138	105	125	6.5

Dimensions in in.

а	b	С	G	J	Ø
5.31	7.28	5.43	4.13	4.92	0.25

ABL8FEQ24150

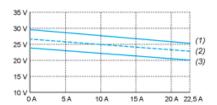
Internal Wiring Diagram



Product data sheet Performance Curves

ABL8FEQ24150

Load Limits Curve



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

Product Life Status: Commercialised