## Product data sheet Characteristics

## ABL8FEQ24200

rectified and filtered power supply - 1 or 2-phase - 400 V AC - 24 V - 20 A



Local distributor code: 389706591



#### Main

Range of product	Modicon Rectified	
Product or component type	Power supply	
Power supply type	Rectified and filtered	
Rated power in W	480 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	20 A	
Anti-harmonic filter	Low frequency harmonic currents	
Product certifications	UL 508 CULus KC EAC	

## Complementary

4763 Hz
360440 V
207253 V
0.671 at 400 V
0.698 at 230 V
80 %
96 W
Series
Parallel
Against overvoltage, protection technology: 2 J peak limiter
Against overload and short-circuits, protection technology: external fuse, 25 A
10 ms
1 LED (green) output voltage
1 LED (orange) input voltage
<= 1200 MV
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 capaci-
ty: 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
217.0 Mm
128.0 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	174.0 Mm	
Net weight	13.32 Kg	
Compatibility code	ABL8F	

## Environment

IP degree of protection	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	14.32 Kg
Package 1 Height	25.7 Cm
Package 1 width	34.8 Cm
Package 1 Length	35.3 Cm
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Weight	65.78 Kg
Package 2 Height	50.0 Cm
Package 2 width	80.0 Cm
Package 2 Length	60.0 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) EVEN 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

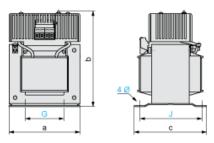
Warranty	18 months			



# Product data sheet Dimensions Drawings

## ABL8FEQ24200

## Dimensions



#### Dimensions in mm

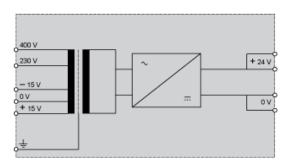
а	b	С	G	J	Ø
175	215	128	135	105	6.5

#### Dimensions in in.

а	b	С	G	J	Ø
6.89	8.46	5.04	5.31	4.13	0.25

## ABL8FEQ24200

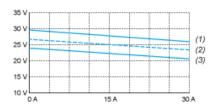
## Internal Wiring Diagram



## Product data sheet Performance Curves

## ABL8FEQ24200

## Load Limits Curve



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

Product Life Status: Commercialised