

**Characteristic data**

Series Intelligent  
 Indicator Load Level

**Electrical data**

Insulation resistance > 100 MΩ  
 Output voltage 24 V DC  
 Ripple 1 %  
 Inrush current < 20 A  
 Output current max. 12 A for max. 4 s  
 Switching frequency f ca. 110 kHz  
 Frequency range 48...62 Hz  
 Switch-on time < 1 s  
 Settling time 1 ms  
 Voltage control ±1 %  
 Load control ±1 %  
 Rated input voltage 100...240 V AC  
 Input voltage range 135...340 V DC  
 Rated input current 1.67 A at 230 V AC  
 Rated output voltage 24 V DC  
 Output voltage tolerance -1...+3 %  
 Rated output current 8.0 A  
 Output power 192.0 W  
 Insulation voltage In-/Output 3000 V AC  
 Power-failure bridging > 100 ms at 230 V AC  
 Efficiency > 91 %  
 Derating -2.5 % / °C up from +60 °C  
 Multi unit operation Parallel op.: not possible

Power boost 150 % 4 s  
 Number of outputs 1

**Mechanical data**

Connector type 7/8 "  
 Ambient temperature Ta min. -25 °C  
 Ambient temperature Ta max. +70 °C  
 Storage temperature min. -25 °C  
 Storage temperature max. 85 °C  
 Housing material Metal/ aluminum  
 Temperature coefficient max. ±0.03 % / °C  
 Version IP67  
 Mounting type Flange mounting  
 Casting PUR  
 Relative humidity 100 %  
 Weight 1.65 kg  
 Connection Connector (2x)  
 Cooling Free convection  
 Overtemperature protected

**Basic data**

Basic standard EN 61204  
 Protected against polarity reversal yes  
 Series Intelligent  
 Short-circuit protected Sustained short circuit-proof  
 Protection class I  
 Enclosure Type per IEC 60529 IP67  
 Protection type connections IP67 when plugged in  
 Degree of contamination 3

**BAE PS-XA-1W-24-080-605**

**Ordering code: BAE00FL**

**Power supply**

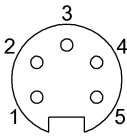
**Power Supply**  
**Switch-mode power supply**

**BALLUFF**

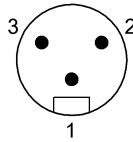
*sensors worldwide*

**Remarks**

Values measured at +25 °C and full load



PIN 1: 0V, PIN 2: 0V, PIN 3: GND, PIN 4: +24V,  
PIN 5: +24V, Power Out



PIN 1: GND, PIN 2: L, PIN 3: N, Power In