ACX631

Product Data Sheet

51198947-100F

Multi-output AC DC power supply

TOTAL OUTPUT	MAIN OUTPUT	AUXILIARY	REVISION
550 W	**24 V / 20 A**	**54 V / 1 A**	**ACX631 Rev. F**

Honeywell 51198947-100F is an ACX631 revision F power supply. Its product label specifies 115/240 V AC, 50/60 Hz input and 550 W total output. The listed DC outputs are 24 V at 20 A, 54 V at 1 A and a 6 V auxiliary output at 35 mA.

01 TECHNICAL DATA

AC input voltage	115/240 V AC, product-label rating
Input frequency	50/60 Hz
AC input current	10 A, product-label rating
Rated total output power	550 W
Main DC output	24 V at 20 A
Auxiliary DC output	54 V at 1 A
Low-current auxiliary output	6 V at 35 mA
Maximum operating ambient	55 C
Revision marking	ACX631 revision F
Status indicators	DC OUTPUT, BATTERY, FAN/TEMP, AC IN and CHARGING

Honeywell ACX631 revision F product-label ratings and supplied 51198947-100F assembly photographs

02 ADDITIONAL PRODUCT DATA

Operator switch	Front ON/OFF switch
Enclosure ventilation	Side ventilation grille

03 PRODUCT FUNCTION

The metal enclosure includes a front ON/OFF switch, side ventilation and indicators labeled DC OUTPUT, BATTERY, FAN/TEMP, AC IN and CHARGING. The label gives a 55 C maximum operating ambient. Output connector assignments and compatibility with a particular controller installation must be checked against the exact installed revision.

04 SYSTEM COMPATIBILITY

Treat the 24 V, 54 V and 6 V outputs as separate rated circuits within the 550 W total output scope. The main circuit is 24 V at 20 A, the 54 V circuit is rated 1 A and the 6 V circuit is rated 35 mA. Do not combine output currents or apply one output's rating to another connector position.

05 REFERENCE

Honeywell ACX631 revision F product-label ratings and supplied 51198947-100F assembly photographs

AMIKON PRODUCT SUPPORT

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