ROBOX S.P.A. - Castelletto s. Ticino (NO) Italy

RBXM MODULE

KORO

AS5022.001 - "ALIPWR" - POWER SUPPLY 220 V AC 50W

Input / Output Words.

The Input/Output word address for each board (CPU excluded) depends on its position inside the rack. Addresses are here referred to as "BASE" + a number representing the board internal offset. To find the value of "BASE" refer to the RHW.CFG configuration file generated by the operating system during the autoconfiguration session and stored in the flash card. This file contains the address of the I/O words for each board installed in your rack. The value of "BASE" is the value of the first Input or Output word in the board.

Number of Input Words: 1

Number of Output Words: 0

"Bit 0" is the least significant bit in the word. "Bit 15" is the most significant bit of the word.

Input Word ("BASE" + 0): State of supplies and Power Failure signal

Bit 0> 7	Non significant
Bit 8:	1 = "+5V" supply out of tolerance
Bit 9:	1 = "+5V AUX" supply out of tolerance
Bit 10:	1 = "+15V" supply out of tolerance
Bit 11:	1 = "-15V" supply out of tolerance
Bit 12:	1 = "+15V AUX" supply out of tolerance
Bit 13:	0 = Power Failure occurring now (main is missing)
Bit 14:	0 = Power Failure stored: (a loss in the main has occurred without causing a system general reset)
Bit 15:	Non significant

Software Requirements.

To work correctly, the board needs the following minimum software requirements:

Operating System Flash (OSFM): Version 1.01 or higher

"RHLL" language: Version 21.04 or higher

ROBOX S.P.A. - Castelletto s. Ticino (NO) Italy

RIOR RACK

KORC

AS5022.001 - "ALIPWR" - POWER SUPPLY 220 V AC 50W

Input / Output Words.

The Input/Output word address for each board (RIOB excluded) depends on its position inside the rack. Addresses are here referred to as "BASE" + a number representing the board internal offset. To find the value of "BASE" refer to the RHW.CFG configuration file generated by the operating system during the autoconfiguration session and stored in the flash card. This file contains the address of the I/O words for each board installed in your rack. The value of "BASE" is the value of the first Input or Output word in the board.

Number of Input Words: 1

Number of Output Words: 0

"Bit 0" is the least significant bit in the word. "Bit 15" is the most significant bit of the word.

Input Word ("BASE" + 0): State of supplies and Power Failure signal

Bit 0> 7	Non significant
Bit 8:	1 = "+5V" supply out of tolerance
Bit 9:	1 = "+5V AUX" supply out of tolerance
Bit 10:	1 = "+15V" supply out of tolerance
Bit 11:	1 = "-15V" supply out of tolerance
Bit 12:	1 = "+15V AUX" supply out of tolerance
Bit 13:	0 = Power Failure occurring now (main is missing)
Bit 14:	0 = Power Failure stored: (a loss in the main has occurred without causing a system general reset)
Bit 15:	Non significant

Software Requirements.

To work correctly, the board needs the following minimum software requirements:

Operating System Flash (OSFF): Version 1.16 or higher

Microcontroller Pic: Version 2.00 or higher

"RHLL" language: Version 21.04 or higher

Enclosure: IU5022.001 03.04.97

SPECIFICATIO	N (with ETA WRB-04X)		ALIPWR 50W	
Input Line Voltage Frequency Power Output Current:	220 V A.C. +/- 10% 50/60 Hz 75 VA Maximum	ALIPWR 50W		
+5v +15v -15v	5 Ampere (*+5V" + *+5V AUX") 1.2 Ampere (*+15V" + *+15V AUX") 0.5 Ampere (*-15V")	FRONT VIEW		
Environmental Conditions: Temperature Humidity	from 0 to 50 Degrees C 85% Maximum (without condensation)			1 220 V A.C. POWER SUPPLY 2 220 V A.C. POWER SUPPLY 3 EARTH
Other Characteristics	Overvoltage Protection Power Failure" Alarm Generation (1)			
Remark (1): The "Power Failure" alarm is the main is missin its value decrease	s issued as soon as 19 for two cycles or 25 below 180 V A.C.		○ P.FAIL ○ +5V ○ +5V AUX ○ +15V ○ +15V	POWER SUPPLY LED
LED I	MEANING (WHEN ON)		O +15V AUX	
	MEANING (WHEN ON)		O +15V AUX	
LED I NAME I COLOR I MEA P.FAIL I RED I U BUT	MEANING (WHEN ON)		O +15V AUX	
NAME COLOR ME/ P.FAIL RED THE +5V GREEN +5 V +5V AUX GREEN +5 V	MEANING (WHEN ON) ANING MAIN HAS MISSED (POWER FAILURE WAS ISSUED) THIS DID NOT CAUSED A SYSTEM RESET. VOLT MAIN POWER SUPPLY IN RANGE VOLT AUXILIARY POWER SUPPLY IN RANGE		○ +15V AUX	EARTH SCREW (FOR EXTERNAL CONNECTION)
LED NAME COLOR ME/ P.FAIL RED THE +5V GREEN +5 \ +5V AUX GREEN +15 +15V GREEN +15 -15V GREEN +15 +15V AUX GREEN +15	MEANING (WHEN ON) ANING MAIN HAS MISSED (POWER FAILURE WAS ISSUED) THIS DID NOT CAUSED A SYSTEM RESET. VOLT MAIN POWER SUPPLY IN RANGE VOLT AUXILIARY POWER SUPPLY IN RANGE VOLT MAIN POWER SUPPLY IN RANGE VOLT AUXILIARY POWER SUPPLY IN RANGE			EARTH SCREW (FOR EXTERNAL CONNECTION) CABLES: POWER SUPPLY: 3 x 0.5 mm2 EARTH SCREW: 4 mm2 (LENGTH MAX. 30 cm, IF POSSIBLE)
LED NAME COLOR ME P.FAIL RED BU +5V GREEN +5 V +5V AUX GREEN +5 V +15V GREEN +15 -15V GREEN -15' +15V AUX GREEN +15	MEANING (WHEN ON) ANING MAIN HAS MISSED (POWER FAILURE WAS ISSUED) THIS DID NOT CAUSED A SYSTEM RESET. VOLT MAIN POWER SUPPLY IN RANGE VOLT AUXILIARY POWER SUPPLY IN RANGE VOLT MAIN POWER SUPPLY IN RANGE VOLT MAIN POWER SUPPLY IN RANGE VOLT AUXILIARY POWER SUPPLY IN RANGE		O +15V AUX	EARTH SCREW (FOR EXTERNAL CONNECTION) CABLES: POWER SUPPLY: 3 x 0.5 mm2 EARTH SCREW: 4 mm2 (LENGTH MAX: 30 cm, IF POSSIBLE)
NAME COLOR ME/ P.FAIL RED THE +5V GREEN +5 \ +5V AUX GREEN +5 \ +15V GREEN +15 -15V GREEN +15 -15V GREEN +15 -15V GREEN +15 -15V GREEN +15	MEANING (WHEN ON) ANING MAIN HAS MISSED (POWER FAILURE WAS ISSUED) THIS DID NOT CAUSED A SYSTEM RESET. VOLT MAIN POWER SUPPLY IN RANGE VOLT AUXILIARY POWER SUPPLY IN RANGE VOLT MAIN POWER SUPPLY IN RANGE VOLT MAIN POWER SUPPLY IN RANGE VOLT AUXILIARY POWER SUPPLY IN RANGE	Disegno AS5022.		EARTH SCREW (FOR EXTERNAL CONNECTION) CABLES: POWER SUPPLY: 3 x 0.5 mm2 EARTH SCREW: 4 mm2 (LENGTH MAX. 30 cm, IF POSSIBLE) D i s. R.COLOMBO D. N. IU5022.001

upgradings from rel. 1: MAN97008 rel.1 and MAN97009 rel.1 have been joined to generate this manual