Honeywell Honeywell Series Service Manual

10302/2/1

1. Description

Manufacturer: Honeywell

3. Product Information

Manufacturer: Honeywell

Product No : 10302/2/1

Product type : Watchdog repeater (WDR)

watchdog repeater is required in multiple-PSU configurations, for each subsequent 24 Vdc to 5 Vdc power supply unit, e.g. PSU 2, 3, 4.

watchdog repeater is required if the 24 Vdc is supplied via an M24-20 HE or M24-12 HE powersupply.

watchdog repeater is required if the 24 Vdc is supplied via a power supply which can provide supply voltages that exceed 31.0 Vdc. (The maximum output voltage of the 24 Vdc supply must be less than 37

Vdc under any single or double fault condition of the 24 Vdc power supply unit.)

watchdog repeater is required if the required watchdog current exceeds 900 mA.

watchdog repeater is required in configurations which combine redundant and non-redundant I/O, in order to create the watchdog output for the output modules of the non-redundant I/O part.

watchdog repeater is required in configurations with redundant Central Parts and non-redundant I/O, in order to monitor the 5 Vdc power supply (if no 5 Vdc monitoring is done).

Type number: 10302/2/1 12600

Approvals: CE, TÜV, UL

Software versions: = 3.00

Space requirements: 4 TE, 3 HE (= 4 HP, 3U)

Power requirements: 5 Vdc 35 mA (without WDROUT output current) 24 Vdc 25 mA

WDG1 + WDG2 input current: 0.1 mA

Module code: - holes A5, A9

Rack code: - large pins A5, A9

Weight : 0.12 Kg

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