

Time of 32 indicators on one bus synchronised using RS485/MODBUS RTU

- Microcontroller based
- Synchronised with server clock via RS485
- 0.8" (20.3 mm), large, bright LED display
- Real Time Clock with battery back-up
- RS485/MODBUS RTU multidrop communication for PLC, SCADA, etc.
- 24 VDC or 85~265 VAC SMPS supply
- Powerful, user-friendly SCADA available
- FDA 21CFR Part11 compliant SCADA version also



General

RTC Indicator for Clean Rooms T-SYNC from RADIX offers a state-of-the-art technology solution for synchronized Real Time Clock display in Clean Room Applications.

The T-SYNC units in all rooms are synchronized with the server clock via the SCADA software. The mirror-finished Stainless Steel face-plate complies with GMP requirements.

Specifications

All specifications at ambient of 25 °C, unless specified otherwise

INDICATION Display type	Hour:Minute	4 digits, 7-segment 0.8" (20.3mm) red LED display	ENCLOSURE MOC	Faceplate Body	SS304 MS, powder coated 200(W) x 180(H) x 30(D) 174(W) x 165(H)
	Seconds	2 digits, 7-segment 0.56" (14.2mm) red LED display			
	Date/Month/Year	6 digits, 7-segment 0.3" (7.6mm) red LED display	Dimensions (in mm) Cutout (in mm) Mounting	Modular panel	50 mm or more
ACCURACY	Stand-alone mode	±5 seconds per day	Brick wall		Accessories grouting box and SS304 interface plate (both to be ordered separately)
	Slave with SCADA as Master	Same as Server RTC ±10 sec			
CLOCK Real time clock Battery backup		Provided	OTHER Programming Supply voltage		Through 3 tactile keys a) 85~265 V AC, 50/60 Hz b) 20~30 V DC 4 watts maximum 0~50 °C Below 90%, non condensing
		Provided			
COMMUNICATION Port Baud rate Protocol Slave ID Data type Minimum polling interval Parameters RTC Synchronization		RS485, isolated User programmable, 4800 bps, 9600 bps, 19200 bps, 38400 bps Modbus RTU	Power consumption Operating ambient temperature Relative humidity		
		User programmable, 1~255 Integer			
		200 milliseconds			
		Read & write from the host computer			
			ORDER CODE	2380	

* Due to continuous upgradation, specifications are subject to change without notice.

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