



Delivered without miniature WSB markers

The 750-640 RTC Module provides the higher-level control system with the actual time.

The time is buffered and continues to run in the event of a power failure. When an external receiver is connected, the clock can be set using the time signal from DCF77, WWVB, or MSF.

By default the module is set to receive DCF77 signals.

The receiver can be supplied directly via the module.

Connecting an external receiver to operate the RTC module is not absolutely necessary.

With its 32 channels, the integrated time switch clock function makes it easier for the control unit to process time-triggered actions.

The module also counts the power-on time of the 32 channels.

Description	Item No.	Pack. Unit	Technical Data
RTC module	750-640	1	Current consumption (internal) < 20 mA
			Voltage via power jumper contacts 24 V DC (-15 % ... +20 %)
			Clock
			Accuracy (+25 °C) < 1 min/month
			Accuracy (+10 °C ... +40 °C) < 2 min/month
			Accuracy (-25 °C ... +85 °C) < 7 min/month
			Drift < 2 min/year
			Buffer length > 6 days
			Clock Timer
			Number of channels 32
			Switching points 32 (per 32 channels on/off)
			Signal voltage (0) -24 V ... +1 V
			Signal voltage (1) 3 V ... 24 V
			Open-circuit voltage 4 VDC
			Input filter 10 ms
			Input current (typ.) < 5 mA (at 24 V)
			< 1 mA (at 5 V)
			Supply S <sub>ant, in</sub> 5 V ... 24 V DC
			Isolation 500 V system/supply
			Current consumption typ. (field side) 11 mA + load
			Internal bit width 1 x 40 bits data (in/out) (5 bytes user data)
			1 x 8 bits control/status (optional)
			Wire connection CAGE CLAMP®
			Cross sections 0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / AWG 28 ... 14
			Strip lengths 8 ... 9 mm / 0.33 in
			Width 12 mm
			Weight 52 g
			EMC immunity of interference acc. to EN 61000-6-2
			EMC emission of interference acc. to EN 61000-6-3