

ETIM-40A

Clock Synchronization Card

Move into the future with reliable measurements



NEW PRODUCT INFORMATION

Insertable into Optional Slot of EDX-200A-2H/4H/4T

Features

Enable synchronized interval measurement between EDX-200As remotely-placed EDX-200A by receiving clock data from GPS satellite.

8-bit digital I/O

GPS sensor
(Supplied accessory)



Conditioner card slot
for analog input

Optional card slot



GPS sensor



Specifications

Applicable instruments	EDX-200A-4H, EDX-200A-2H and EDX-200A-4T Note: Moisture-proofed ETIM-40A M72 for EDX-200A-4T	
Synchronization method	Clock data from GPS satellite starts universal recorders in EDX-200A series at the preset time for synchronized interval measurement	
Digital I/O	Number of I/O	Max. 8
	I/O setting	Switch on bit-by-bit base to digital I/O or remote control input (Common ground) Note: Remote control input enables start/stop of measurement, balance adjustment, etc.
	Input mode	Isolated TTL level
	Input voltage	Max. 5VDC
	Input isolation method	Digital isolator
	Output mode	Isolated open collector (With 10 k Ω internal pull-up resistors)
	Output voltage	5VDC
	Output current	Max. 25 mA/point
	Output isolation method	Digital isolator
Connectors	GPS sensor port	9-pin D-sub connector (male)
	Digital I/O port	14-pin MDR connector (female)
Operating temperature range	0 to 50 °C (Noncondensing) ETIM-40A M72: -20 to 65°C	
Operating humidity range	20 to 90 %RH	
Storage temperature range	-20 to 60 °C ETIM-40A M72 : -30 to 70 °C	
Dimensions	22.0 mm [W] X128.0 mm [H] X 221.5 mm [D]	
Weight	Approx. 160 g	
Supplied accessory	✓ GPS sensor (cable length: 5m) ✓ Connector plug/shell case for digital I/o port	

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JQA-0821
JQA-EM4824

Specifications are subject to change without notice for improvement.



Safety precautions

Be sure to observe the safety precautions given in the instruction manual, in order to ensure correct and safe operation.

Manufacturer's Representative

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