



User Manual

EI-EBI INTERFACE

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INDEX

I. Introduction	3
II. Block Diagram.....	3
III. Scheme.....	4
IV. Cable Details.....	4
V. Technical specifications.....	5

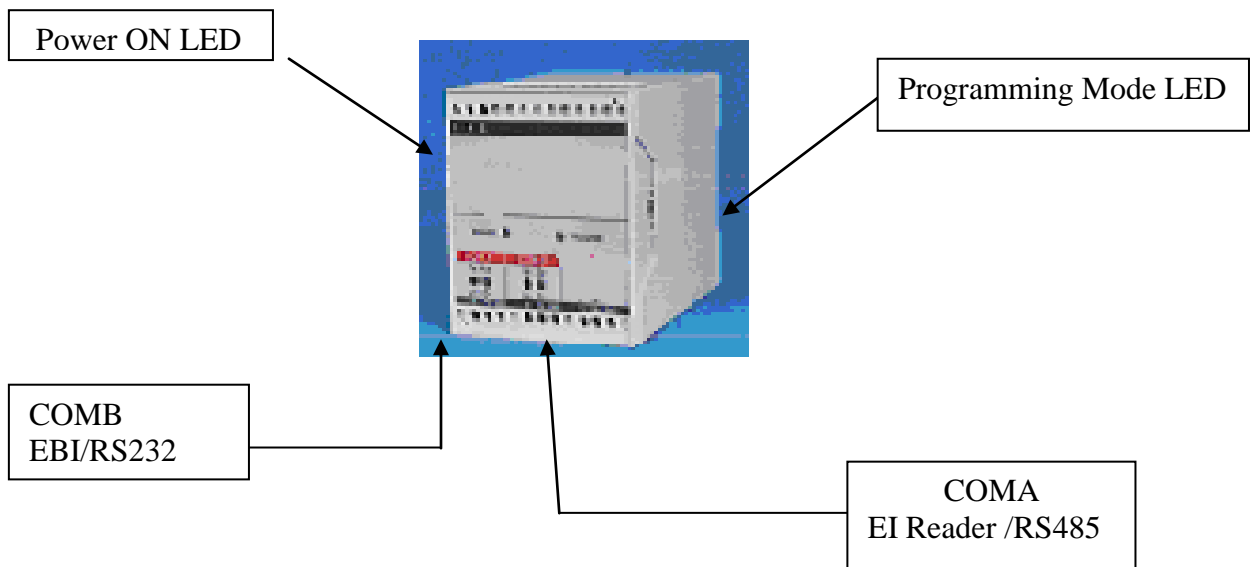
Introduction

EI_EBI Interface is a device, which is used as a Protocol converter between EBI (Scada) and EI Readers.

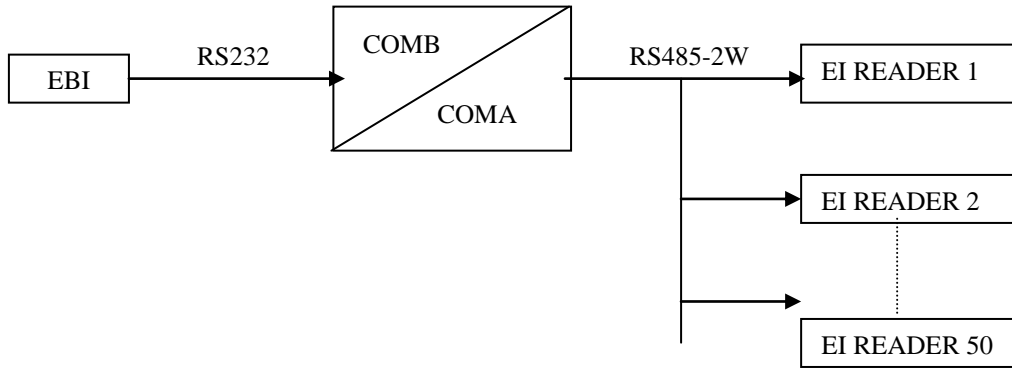
EBI communicate in PCSC protocol whereas EI readers communicate in Smax protocol.

EI EBI interface receives Query from EBI in PCSC protocol on COMA port and sends respective query to EI reader connected at COMB port in Smax protocol. The response received from EI reader is send to EBI.

Block Diagram



Scheme:



Cable Details:

Gateway	EBI
COMA	9 pin F

TX	_____	3
RX	_____	2
GND	_____	5

Gateway	EI	
COMB	READER	
D+	_____	D+
D-	_____	D-

Technical Specifications: -

Electrical Specifications

Power Supply	110 to 250 VAC / 50 HZ
Wattage	1.5 Watt

Communication Specifications

Indications	LED Indications TX, RX for COMA, COMB Power ON; and Program mode.
Serial Parameters	Baud Rate: 19200, Parity - none, No. Of bits: 8, Stop Bit: 1
Isolated Communication Port Details:	COMA: RS232 / RS485 2 wire Fixed COMB: RS232 / RS485 2 wire Fixed

Mechanical Specifications

Enclosure	110 X 75 X 70 mm
Mounting	Din Rail
Weight	250 gm Approx.

Environmental Specifications

Temperature	5 to 50°C
Humidity	0 to 95% RH, non-condensing.

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