

# REMIO Communications Interface



## Features

- controls up to 32 zones
- LED diagnostics
- DeviceNet™, Modbus® RTU and Profibus®-DP ready
- DIN rail mounted
- connection to PC's and PLC™'s

The DIN Rail mountable REMIO (Remote I/O) communications interface unit allows multiple solid state power units, such as the TE10S or 425S, to be distributed and time proportioned remotely by digital communications from a supervising computer or PLC™. This solution saves the cost of expensive PLC™ analog modules and offers a selection of firing modes that can extend element life. Communications is via Modbus®, Profibus® or DeviceNet™.

## Specifications

### Dimensions:

Base module: 115 x 87.5 x 92.5 mm

Base module w/extension: 115 x 105 x 92.5 mm

### Supply voltage:

24Vac or 24Vdc (24VA max.)

### Base module type:

Time Proportioned Output (TPO) Module or Digital input/output (Digital) Module

### Expansion modules:

1 max.

### TPO module:

16 outputs, 20Vdc modulated with time proportioning output variable from 0-100%, internal 9mA current limit

### Logic module:

16 outputs, 20Vdc with internal 9mA current limit or 8 outputs and 8 Inputs per module

### Firing modes:

Fast Cycle (8 cycles on/8 cycles off @50% output), intelligent Half-Cycle

### Communications:

Modbus® - configurable for 9.6 or 19.2 kbaud, Profibus®DP, and DeviceNet™ - configurable for 125, 250 or 500 kbaud

### Operating temperature:

0 to 45°C

## Ordering codes

REMIO	1	2	3	4	5	6
-------	---	---	---	---	---	---

1	2	4	5
Base module	Expansion 1	Protocol	Rate
D Digital I/O TP Time prop.	D Digital I/O TP Time prop. - None	PFP Profibus-DP MOP Modbus DNP DeviceNet	96 Modbus 9.6Kbaud 192 19.2Kbaud AUTO Profibus-DP 125 DeviceNet 125Kbaud 250 250Kbaud 500 500Kbaud
6 Language			
ENG English FRA French			