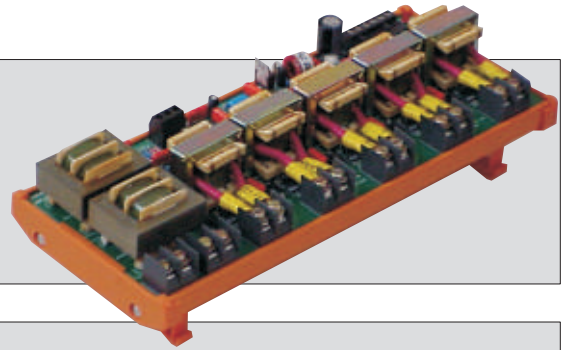


TIN521

DIRECT MEASUREMENT MODULE



SPECIFICATIONS

2 VAc inputs
 5 Ac inputs
 One 4 - 20 mA input
 Power supply: 10 to 26 Vdc, 250 mA
 11 bits plus sign a/d converter
 Barrier terminals
 Meets IEC255-5, 1,5 kV in analogic inputs

OUTPUT

Serial, RS 485
 Communications leds

AC VOLTAGE INPUTS

Quantity: 2
 Nominal voltage: 120 Vac
 Measurement range: 50 - 150%, nominal
 Class: 0,5%
 Overload: 200% Vn, continuos
 Load: 0,5 VA
 Isolated

AC CURRENT INPUTS

Quantity: 5
 Nominal current: 6 A
 Measurement range: 0 - 150 %, nominal
 Class: 0,5%
 Overload: 2 In continuos, 30 In 10 s/h
 Load: 0,5 VA
 Isolated

DIRECT CURRENT INPUTS

Quantity: 1
 Nominal current: 4 - 20 mA
 Measurement range: 0 - 120%, nominal
 Class: 0,2%

POWER SUPPLY

Power supply led
 Voltage: 19 - 29 Vcc
 Consumption: 175 mA @ 24 Vcc

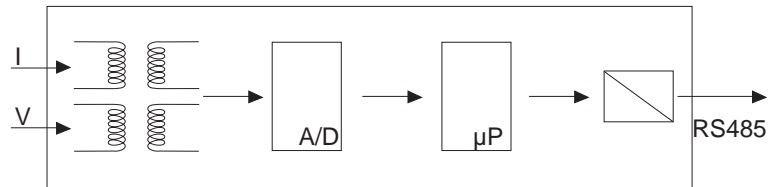
Dimensions 250 x 110 x 75 mm
 Weight: 1100 g
 Operating temperature: 0 - 55 °C
 HR: 0 - 100% NC
 Din rail case

FEATURES

Single card intelligent transducer with 5 currents inputs, 2 voltage inputs, and one 4 to 20 mA.
 Small footprint and high integration
 Serial output RS 485 with multidrop capacity.

CHARACTERISTICS

- Inputs are converted each 100 ms
- Combined hardware / software filter in each input



TYPICAL APPLICATIONS

SCADA systems, substation RTU

OPTIONAL

Power supply voltage, modbus protocol, RS485 with optical isolation, RS232 port.

