

I/O utv. 4 inn Pt100/1000, 16 bit, kit

Partnumber: TM5SAI4PHK

Wholesalernumber:

EAN 13 code: 3595864154725

Composition kit of I/O(TM5SAI4PH) + term. block(TM5ACTB12) + bus base(TM5ACBM11)

Technical information

► Compatibility

range compatibility

Modicon LMC058

Modicon M258

product compatibility

motion controller

logic controller

► Functional

device composition

bus sub-base TM5ACBM11

terminal block TM5ACTB12

I/O module TM5SAI4PH

analogue input number

4

analogue input type

temperature probe - 200...850 °C Pt 100/Pt 1000

analogue input resolution

16 bits

measurement resolution

0.1 °C

measurement error

< 0.037 % of full scale, - 200...850 °C, Pt 100/Pt 1000 at 25 °C

temperature coefficient

0.004 %FS/°C, analogue input type: temperature probe

non-linearity

0.001 %FS, analogue input type: temperature probe

isolation

no insulation between channels

500 Vrms AC insulation between channel and bus

local signalling

1 LED green for power supply

1 LED red for power supply

4 LEDs green for input status

CE

marking

► Electrical

[Us] rated supply voltage

24 V DC -15...20 %

current consumption

2 mA 5 V DC bus

46 mA 24 V DC input/output

power dissipation in W

<= 1.11 W W

surge withstand

0.5 kV differential mode conforming to EN/IEC 61000-4-5

1 kV common mode conforming to EN/IEC 61000-4-5

► Connections

type of cable

shielded cable

► Communication

common mode rejection

>= 95 dB dB

► Product identification

range of product

Modicon TM5

product or component type

analog input module

colour

white

supply

internal

► Physical characteristics

product weight

0.065 kg kg

► Environment

ambient air temperature for operation

0...50 °C (vertical installation)

0...55 °C without derating factor (horizontal installation)

0...60 °C with derating factor (horizontal installation)

ambient air temperature for storage

-25...70 °C °C

relative humidity

5...95 % without condensation

IP degree of protection

IP20 conforming to IEC 61131-2

pollution degree

2 conforming to IEC 60664

operating altitude	0...2000 m m
storage altitude	0...3000 m m
vibration resistance	1 gn (f= 8.4...150 Hz) DIN rail 3.5 mm (f= 5...8.4 Hz) DIN rail
shock resistance	15 gn for 11 ms
resistance to electrostatic discharge	4 kV on contact conforming to EN/IEC 61000-4-2 8 kV in air conforming to EN/IEC 61000-4-2
resistance to electromagnetic fields	1 V/m 2...2.7 GHz conforming to EN/IEC 61000-4-3 10 V/m 80...2000 MHz conforming to EN/IEC 61000-4-3
resistance to fast transients	1 kV I/O conforming to EN/IEC 61000-4-4 1 kV shielded cable conforming to EN/IEC 61000-4-4 2 kV power lines conforming to EN/IEC 61000-4-4
electromagnetic compatibility	EN/IEC 61000-4-6
disturbance radiated/conducted	CISPR 11
 Certifications and standards	
standards	CSA C22.2 No 142 IEC 61131-2 UL 508 CSA C22.2 No 213
product certifications	CSA C-Tick cULus GOST-R

Supplier information

Supplier: Schneider Electric Norge AS

Fax: + 47 64 98 57 01

Web: <http://www.schneider-electric.no>

Adress: Deliveien 10, 1540 Vestby

Phone: +47 64 98 56 00

e-Mail: kundesenter@no.schneider-electric.com