

Schneider Service Manual

TM218LDA24DRN

1. Description

TM218LDA24DRHN

3. Product Information

TM218LDA24DRHN

M218 controller CPU compact base with 24

discret I/O

Main

Range of product Modicon M218

Product or component

type

Logic controller

Complementary

[Us] rated supply voltage 100...240 V AC

Discrete I/O number 24

Discrete input number 14 voltage inputs

Discrete output number 10 relay output

Discrete input voltage 24 V

Discrete input voltage type DC

Discrete output type Relay

Power consumption in W 25 W at 100...240 V AC

Analogue input number 14

Power supply input current 250 mA at 22...27 V

Supply voltage limits 85...264 V

Input impedance 4700 Ohm for standard input

2800 Ohm for high speed input

Response time 2 ms turn-on, turn-off

Output voltage limits 19.2...28.8 V DC

19.2...28.8 V

Maximum voltage drop <1.5 V

Maximum cable distance between devices Shielded cable: <5 m

Environment

IP degree of protection IP20

Product certifications CE

Shock resistance 15 gn for 11 ms

Vibration resistance 3.5 mm at 5...150 Hz

Relative humidity 95 %, without condensation

Ambient air temperature for operation 0...55 °C

Ambient air temperature for storage -25...70 °C

Pollution degree 2

Operating altitude 0...2000 m

Storage altitude 0...3000 m

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 12.8 cm

Package 1 Width 9.5 cm

Package 1 Length 18.2 cm

Package 1 Weight 716.0 g