

Scheinder Electric TM218LDAE24DRHN

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 34 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

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Storage altitude 0...3000 m

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 9.597 cm

Package 1 Width 12.921 cm

Package 1 Length 18.444 cm

Package 1 Weight 726 g

Manufacturer : Schneider Electric

Product No. : TM218LDAE24DRHN

Product Type : Modicon M218 Logic Controller

Maximum Number of Expansion Modules : 4

Maximum Number of I/O Points : 152

Maximum Number of Relay Outputs : 42

Digital Input : 10 regular inputs and 4 fast inputs (HSC)

Digital Output : 10 relay outputs

Analog Input : No

Analog Output : No

Voltage :

Rated : 100...240 Vac

Limit (including ripple) : 85...264 Vac

Frequency : 50/60 Hz

Power interruption time : 10 ms at 100 Vac

Maximum inrush current :

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At 110 Vac : 30 A

At 240 Vac : 60 A

Continuous output power : 25 W

Isolation between AC power supply and internal logic, I/O and protective ground (PE) : 1780 Vac/2500 Vdc



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