Product data sheet
Characteristics

TM218LDA40DR4PHN
M218 controller CPU compact base with 40 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	40
Discrete input number	24 voltage inputs
Discrete output number	12 relay output 4 transistor output
Discrete input voltage	24 V
Discrete input voltage type	DC
Analogue input current	4…20 MA 0…20 mA
Analogue output voltage	- 10...10 V 0...10 V
Analogue output current	0…20 MA 4…20 mA
Discrete output type	Transistor Relay
Power consumption in W	34 W at 100...240 V AC
Analogue input number	24
Power supply input current	300 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	9.738 cm
Package 1 Width	13.02 cm
Package 1 Length	23.339 cm
Package 1 Weight	912.5 g
Unit Type of Package 2	S03
Number of Units in Package 2	9
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8712.5 g
Unit Type of Package 3	P12
Number of Units in Package 3	216
Package 3 Height	95 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	218100 g

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins