



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	16 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	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	9.606 cm
Package 1 Width	13.013 cm
Package 1 Length	23.319 cm
Package 1 Weight	815.5 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	7800.5 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	196212 g

Offer Sustainability

Sustainable offer status	Green Premium product
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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins