



### 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 Weight	912.5 g
Package 1 Height	9.738 cm
Package 1 width	13.02 cm
Package 1 Length	23.339 cm
Unit Type of Package 2	P12
Number of Units in Package 2	216
Package 2 Weight	218100.0 g
Package 2 Height	950.0 mm
Package 2 width	800.0 mm
Package 2 Length	1200.0 mm
Unit Type of Package 3	S03
Number of Units in Package 3	9
Package 3 Weight	8712.5 g
Package 3 Height	30.0 cm
Package 3 width	30.0 cm
Package 3 Length	40.0 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins