Product data sheet
Characteristics

SXWMPC18A10001
Plantroom Controller, SpaceLogic, MP-C-18A, BACnet/IP, 18 points, 10 Universal Input/ Outputs Type Ub, 4 Dgtal Triac Outputs, 1 High Power Relay Output



Main

Maximum number of I/O expansion module	3
Topology	Star Daisy chain Rapid Spanning Tree Protocol (RSTP)
Width	153 Mm
Mounting mode	DIN rail mount Panel-mounted
Product certifications	RCM[RETURN]CE[RETURN]cUL listed[RETURN]UL listed
Power consumption in W	12 W
Power consumption in VA	22 VA
Clock drift	+/- 1 min/month
Device application	Low voltage fan coil Low voltage heat pump Low voltage rooftop Air flow control
Product or component type	Field controller
Device short name	MP-C-18A
Function available	Programmable Smart sensor input
Model	MP-C-18A
Network frequency	50 Hz 60 Hz
Ambient air temperature for storage	-40…70 °C
IP degree of protection	IP20
Input/output type	10 universal I/O
Input voltage	-0.5...24 V DC for universal input
Memory type	123 kB backup 32 MB flash 128 MB RAM
Communication port support	ETHERNET 10/100BASE-TX
[Us] rated supply voltage	24 V AC +/- 20 % 24...30 V DC 21...33 V DC
Number of outputs	4 triac output 3 form A relay output 1 relay output
Depth	64 Mm
Protection type	MOV suppression Internal fuse

Output voltage	250 V AC,12 A for high power relay output 24 V DC,12 A for high power relay output 250 V AC,2 A for form A relay output 30 V DC,2 A for form A relay output 0...10 V DC for universal output 24 V AC for triac output
Output current	0.5 A max triac output
Number of port	2, connector type: RJ45 1, connector type: USB type A female 1, connector type: USB device port Mini-B

Complementary

Backup time	7 days
Flame retardance	UL94-5V
Communication port protocol	BACnet IP
Standards	UL 916 ICES-003 EN 61000-6-2 EN 50491-5-3 EN 60730-1 EN 60730-2-11 EN 50491-3 EN 61000-6-3 EN 50491-5-2 FCC part 15 Subpart B class B
Range compatibility	SpaceLogic IP controller

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.2 Cm
Package 1 Width	12.4 Cm
Package 1 Length	7 Cm
Package 1 Weight	440 G

Offer Sustainability

Recyclability potential, in %	0
Total lifecycle Carbon footprint	320 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	23.201928072738475
Carbon footprint of the manufacturing phase [A1 to A3]	23 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.042043515157033924
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0024379765610382013
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	295.2197514037963
Carbon footprint of the use phase [B2, B3, B4, B6]	295 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	1.150424868815955
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	320
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	216d30ea-561a-4180-91a4-6fde03982c56
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead, which is known to the State
Halogen-free status	Halogenated flame retardants free

PVC free	Yes
Silicone-free	Yes
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised