

# Product data sheet

Specifications



Controller, SpaceLogic IP, BACnet, 24 points, 4 universal I/O Uc, 4 Form A relay, 16 universal I/O Ub, UL864 [TAA]

SXWMPC24A1S001

Product availability: Stock - Normally stocked in distribution facility

## Main

|                                        |                                                            |
|----------------------------------------|------------------------------------------------------------|
| Maximum Number of I/O Expansion Module | 3                                                          |
| Topology                               | Star<br>Daisy chain<br>Rapid Spanning Tree Protocol (RSTP) |
| Width                                  | 9.2 in (234 mm)                                            |
| Mounting Mode                          | DIN Rail Mount<br>Panel-mounted                            |
| Product Certifications                 | RCM<br>CE<br>cUL Listed<br>UL Listed                       |
| Power Consumption in W                 | 15 W                                                       |
| Power Consumption in VA                | 28 VA                                                      |
| Clock Drift                            | +/- 1 min/month                                            |
| Device Application                     | Low voltage rooftop<br>Air flow control                    |
| Product or Component Type              | Field Controller                                           |
| Device short name                      | MP-C-24A-SMK                                               |
| Function Available                     | Programmable<br>Smart Sensor Input<br>UL Smoke Control     |
| Model                                  | MP-C-24A-SMK                                               |
| Network Frequency                      | 50 Hz<br>60 Hz                                             |
| Ambient Air Temperature for Storage    | -40...158 °F (-40...70 °C)                                 |
| IP Degree of Protection                | IP20                                                       |
| Input/Output Type                      | 16 universal I/O<br>4 universal I/O                        |
| Input Voltage                          | -0.5...24 V DC for universal input                         |
| Memory Type                            | 123 kB backup<br>32 MB flash<br>128 MB RAM                 |
| Communication Port Support             | ETHERNET 10/100BASE-TX                                     |
| [Us] Rated Supply Voltage              | 24 V AC +/- 20 %<br>24...30 V DC<br>21...33 V DC           |
| Number of Outputs                      | 4 form A relay output                                      |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                 |                                                                                                                    |
|-----------------|--------------------------------------------------------------------------------------------------------------------|
| Depth           | 2.5 in (64 mm)                                                                                                     |
| Protection Type | MOV suppression<br>Internal fuse                                                                                   |
| Output Voltage  | 250 V AC,2 A for form A relay output<br>30 V DC,2 A for form A relay output<br>-0.5...24 V DC for universal output |
| Number of Port  | 2 RJ45<br>1 USB type A female<br>1 USB device port Mini-B                                                          |

## Complementary

|                             |                                                                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Backup time                 | 7 days                                                                                                                                                                     |
| Flame retardance            | UL94-5V                                                                                                                                                                    |
| Communication port protocol | BACnet IP                                                                                                                                                                  |
| Standards                   | UL 916<br>ICES-003<br>UL 864<br>EN 61000-6-2<br>EN 50491-5-3<br>EN 60730-1<br>EN 60730-2-11<br>EN 50491-3<br>EN 61000-6-3<br>EN 50491-5-2<br>FCC part 15 Subpart B class B |
| Range compatibility         | SpaceLogic IP controller                                                                                                                                                   |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1BMS180230  |
| Discount Schedule | BMS1          |
| GTIN              | 3606481599094 |
| Returnability     | Yes           |
| Country of origin | US            |

## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Number of Units in Package 1 | 1                 |
| Package 1 Height             | 2.76 in (7.0 cm)  |
| Package 1 Width              | 4.88 in (12.4 cm) |
| Package 1 Length             | 9.37 in (23.8 cm) |
| Package 1 Weight             | 19.5 oz (554.0 g) |

## Compliance

|            |     |
|------------|-----|
| Compliance | TAA |
|------------|-----|

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint                        |                                               |
|------------------------------------------------|-----------------------------------------------|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 524                                           |
| Environmental Disclosure                       | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                                          |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                      |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                                      |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions                                                                                                                                                                                                                                                |
| SCIP Number                            | 5f015d09-43c1-4be7-9233-b3e007760745                                                                                                                                                                                                                                     |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                        |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| Halogen content performance            | Halogen free plastic parts product                                                                                                                                                                                                                                       |
| PVC free                               | Yes                                                                                                                                                                                                                                                                      |

Use Again

| Repack and remanufacture |                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| Take-back                | No                                                                                                                                                                                                               |
| WEEE                     |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |