# Product datasheet

Specifications

**Green Premium™**

## SmartX IP Controller, MP-C, BACnet/IP, 18 Points, 10 Universal Input/Output Type Ub, 8 Digital Triac Outputs

SXWMPC18B10001

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**EAN Code: 3606481355461**

## Main

| | |
|---|---|
| **Device Short Name** | MP-C-18B |
| **Function Available** | Programmable<br>Smart sensor input |
| **Product Or Component Type** | Field controller |
| **Maximum Number Of I/O Expansion Module** | 3 |
| **Device Application** | Low voltage fan coil<br>Low voltage heat pump<br>Low voltage rooftop<br>Air flow control |
| **Topology** | Star<br>Daisy chain<br>Rapid Spanning Tree Protocol (RSTP) |
| **Model** | MP-C-18B |
| **Product Certifications** | RCM<br>CE<br>cUL listed<br>UL listed |
| **Mounting Mode** | DIN rail mount<br>Panel-mounted |
| **Width** | 153 mm |
| **Power Consumption In W** | 12 W |
| **Power Consumption In Va** | 22 VA |
| **Network Frequency** | 50 Hz<br>60 Hz |
| **Clock Drift** | +/- 1 min/month |
| **Ip Degree Of Protection** | IP20 |
| **Ambient Air Temperature For Storage** | -40…70 °C |
| **Input/Output Type** | 10 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** | 8 triac output |

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| Depth | 64 mm |
|---|---|
| Protection Type | MOV suppression<br>Internal fuse |
| Output Voltage | -0.5...24 V DC for universal output<br>24 V AC for triac output |
| Output Current | 0.5 A max triac output |
| Number Of Port | 2, connector type: RJ45<br>1, connector type: USB type A female<br>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<br>ICES-003<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 |

## Packing Units

| Unit Type Of Package 1 | PCE |
|---|---|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 7.0 cm |
| Package 1 Width | 12.4 cm |
| Package 1 Length | 16.3 cm |
| Package 1 Weight | 417.0 g |

## Contractual warranty

| Warranty | 18 months |
|---|---|

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# Sustainability

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency    RoHS/REACh

## Well-being performance

✓ Mercury Free

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✓ Rohs Exemption Information          Yes

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✓ Pvc Free

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✓ Halogen Free Plastic Parts Product

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## Certifications & Standards

**Reach Regulation**               REACh Declaration

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**Eu Rohs Directive**              Compliant with Exemptions

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**China Rohs Regulation**          China RoHS declaration

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**Environmental Disclosure**       Product Environmental Profile

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**Weee**                           The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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**Circularity Profile**            End of Life Information

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