

SWC-5B-SEN

smartengine IAQ Wall controller

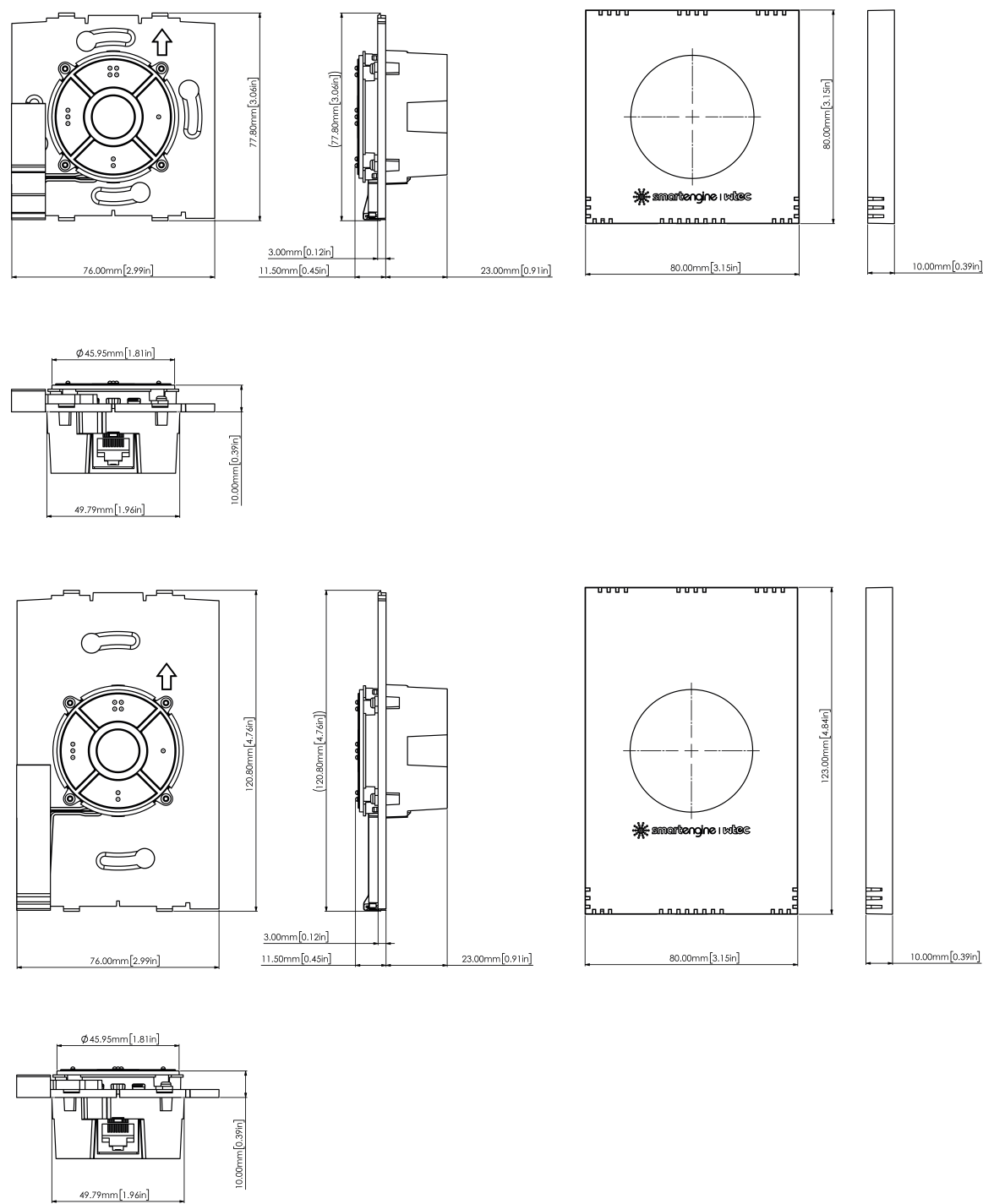


GENERAL SPECIFICATIONS

|                  |                                                                                                                                                                                       |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type     | Wall controller                                                                                                                                                                       |
| Application      | Dims, controls and selects pre-set scenes for LED fixture groups in a location, integrated sensor detects indoor air quality data                                                     |
| IAQ Data Points  | Indoor Air Quality (0-500)<br>CO <sub>2</sub> Equivalent (PPM)<br>VOC Equivalent (PPM)<br>Temperature (F/C)<br>Air Pressure (Pa)<br>Humidity (%)                                      |
| Includes         | 5-button configuration                                                                                                                                                                |
| Form             | North American Single Gang   European Single Gang                                                                                                                                     |
| Mount Type       | Flush                                                                                                                                                                                 |
| Mount Note       | Mounts to NA or EU standard single or multi-gang electric box with open back   Mounts to standard Decora style insert, snap-on surround faceplate   Can not go in to a multi-gang box |
| Package Quantity | 1                                                                                                                                                                                     |
| Color            | White, Black                                                                                                                                                                          |

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DIMENSIONS



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MECHANICAL SPECIFICATIONS

|                                 |                                                                                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| smartengine Connector Interface | One channel via dedicated 18 AWG 2-conductor unshielded cable with field-terminated TRM-RJ45-XX or T568A straight-through with RJ45 or T568B crossover with RJ45 |
| Material Type                   | High-impact, flame retardant, thermoplastic                                                                                                                      |

ORDERING INFORMATION

|            |                                   |                        |
|------------|-----------------------------------|------------------------|
| Product    | Form                              | Color                  |
| SWC-5B-SEN | NA - North America<br>EU - Europe | W - White<br>B - Black |

ELECTRICAL SPECIFICATIONS

|                             |             |
|-----------------------------|-------------|
| ANSI/TIA Category           | 5e   6   6A |
| Power Consumpt. stby., max. | 500 mW      |

ENVIRONMENTAL SPECIFICATIONS

|                       |                                               |
|-----------------------|-----------------------------------------------|
| Environmental Space   | Indoor                                        |
| Flammability Rating   | UL 94 V-2 (faceplate)   UL 94-HB (back plate) |
| Operating Humidity    | 10 % - 80 %, non-condensing                   |
| Operating Temperature | 0°C to +50°C (+32°F to +122°F)                |
| Storage Humidity      | 5 % - 95 %, non-condensing                    |
| Storage Temperature   | -20°C to +70°C (-4°F to +158°F)               |

SAFETY STANDARD

|        |                                                                                                                      |
|--------|----------------------------------------------------------------------------------------------------------------------|
| Safety | AS/NZS CISPR 22   c-UL-us   CE   CEC Title 24-2008   IEC 60950   UL 60950   UL 924   UL-us   US FCC Part 15, Class A |
|--------|----------------------------------------------------------------------------------------------------------------------|

REGULATORY COMPLIANCE/CERTIFICATIONS

|                 |                |
|-----------------|----------------|
| Agency          | Classification |
| RoHS 2011/65/EU | Compliant      |

