

Siemens  
EcoTech



SIMATIC ET 200SP, BaseUnit BU15-P16+A10+2D, BU type A0, Push-in terminals, with 10 AUX terminals, New load group, WxH: 15 mmx141 mm



| General information  |  |
|--|--|
| Product type designation                                       | BU type A0   |
| HW functional status   | From FS07  |
| Supply voltage   |  |
| Rated value (DC)   | 24 V   |
| external protection for power supply lines                     | Yes; 24 V DC/10 A miniature circuit breaker with type B or C tripping characteristic |
| Current carrying capacity                                      |  |
| For P1 and P2 bus, max.  | 10 A   |
| For AUX bus, max.  | 10 A   |
| For process terminals, max.                                    | 2 A  |
| Hardware configuration   |  |
| Formation of potential groups                                  |  |
| • New potential group  | Yes  |
| • Potential group continued from the left                      | No   |
| Slots  |  |
| • Number of slots  | 1; Type A0   |
| Potential separation   |  |
| between the potential groups                                   | Yes  |
| Isolation  |  |
| Isolation tested with  | 707 V DC (type test)   |
| Standards, approvals, certificates                             |  |
| Ecological footprint   |  |
| • environmental product declaration                            | Yes  |
| Global warming potential                                       |  |
| — global warming potential, (total) [CO2 eq]                   | 1.09 kg  |
| — global warming potential, (during production) [CO2 eq]       | 1.08 kg  |
| — global warming potential, (during operation) [CO2 eq]        | 0 kg   |
| — global warming potential, (after end of life cycle) [CO2 eq] | -0.0045 kg   |
| Ambient conditions   |  |
| Ambient temperature during operation                           |  |
| • horizontal installation, min.                                | -30 °C   |
| • horizontal installation, max.                                | 60 °C  |
| • vertical installation, min.                                  | -30 °C   |

|   |  |
|---|--|
| • vertical installation, max.                   | 50 °C  |
| Altitude during operation relating to sea level |  |
| • Installation altitude above sea level, max.   | 5 000 m; Restrictions for installation altitudes > 2 000 m, see manual |
| Absolute humidity                               |  |
| • dew point, min.                               | -60 °C; suitable for dry room applications                             |

### Accessories

|                         |                |
|-------------------------|----------------|
| Color coding labels     |                |
| • for process terminals | CC00 to CC09   |
| • for AUX terminals     | CC71 to CC73   |
| • for add-on terminals  | does not exist |

### Connection method

|  |                               |
|--|-------------------------------|
| Terminals  |                               |
| • Terminal type  | Push-in terminal              |
| • system-integrated shield connection                  | Yes; Optional                 |
| • Conductor cross-section, min.                        | 0.14 mm <sup>2</sup> ; AWG 26 |
| • Conductor cross-section, max.                        | 2.5 mm <sup>2</sup> ; AWG 14  |
| • Number of process terminals to I/O module            | 16                            |
| • Number of terminals to AUX bus                       | 10                            |
| • Number of add-on terminals                           | 0                             |
| • Number of terminals with connection to P1 and P2 bus | 2                             |

### Dimensions

|        |        |
|--------|--------|
| Width  | 15 mm  |
| Height | 141 mm |
| Depth  | 35 mm  |

### Weights

|                 |      |
|-----------------|------|
| Weight, approx. | 50 g |
|-----------------|------|

### Classifications

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 14      | 27-24-26-03    |
| eClass | 12      | 27-24-26-03    |
| eClass | 9.1     | 27-24-26-03    |
| eClass | 9       | 27-24-26-03    |
| eClass | 8       | 27-24-26-03    |
| eClass | 7.1     | 27-24-26-03    |
| eClass | 6       | 27-24-26-03    |
| ETIM   | 10      | EC001598       |
| ETIM   | 9       | EC001598       |
| ETIM   | 8       | EC001598       |
| ETIM   | 7       | EC001598       |
| IDEA   | 4       | 3560           |
| UNSPSC | 15      | 32-15-17-04    |

### Approvals / Certificates

#### General Product Approval

[Manufacturer Declaration](#)



#### General Product Approval For use in hazardous locations



[FM](#)

[CCC-Ex](#)



| For use in hazardous locations | Maritime application |
|--------------------------------|----------------------|
|--------------------------------|----------------------|

|  |  |                               |                        |  |   |
|--|--|-------------------------------|------------------------|--|---|
| <a href="#">Type Examination Certificate</a> | <br>IECEX | <a href="#">Miscellaneous</a> | <a href="#">CCC-Ex</a> | <br>ABS | <br>BUREAU VERITAS |
|--|--|-------------------------------|------------------------|--|---|

| Maritime application |
|----------------------|
|----------------------|

|  |  |  |   |   |  |
|--|--|--|---|---|--|
| <br>DNV | <br>LRS | <a href="#">NK / Nippon Kaiji Kyokai</a> | <br>RINA | <br>RMRS | <a href="#">CCS (China Classification Society)</a> |
|--|--|--|---|---|--|

| Maritime application | Environment |
|----------------------|-------------|
|----------------------|-------------|

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| <a href="#">KR (Korean Register of Shipping)</a> | <br>EPD | <br>Siemens EcoTech |
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