



Figure similar

SIMATIC ET 200SP, BaseUnit BU15-P16+A0+2D, BU type A0, push-in terminals, without aux. terminals, new load group, WxH: 15x 117 mm

| General information                                            |                                                                                      |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Product type designation                                       | BU type A0                                                                           |
| HW functional status                                           | From FS06                                                                            |
| 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 |
| Mains filter                                                   |                                                                                      |
| • integrated                                                   | Yes                                                                                  |
| Current carrying capacity                                      |                                                                                      |
| For P1 and P2 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]                   | 0.873 kg                                                                             |
| — global warming potential, (during production) [CO2 eq]       | 0.866 kg                                                                             |
| — global warming potential, (during operation) [CO2 eq]        | 0 kg                                                                                 |
| — global warming potential, (after end of life cycle) [CO2 eq] | -0.0011 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

#### Accessories

|                         |                |
|-------------------------|----------------|
| Color coding labels     |                |
| • for process terminals | CC00 to CC09   |
| • for AUX terminals     | does not exist |
| • 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                       | 0                             |
| • Number of add-on terminals                           | 0                             |
| • Number of terminals with connection to P1 and P2 bus | 2                             |

#### Dimensions

|        |        |
|--------|--------|
| Width  | 15 mm  |
| Height | 117 mm |
| Depth  | 35 mm  |

#### Weights

|                 |      |
|-----------------|------|
| Weight, approx. | 40 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   | 9       | EC001598       |
| ETIM   | 8       | EC001598       |
| ETIM   | 7       | EC001598       |
| IDEA   | 4       | 3560           |
| UNSPSC | 15      | 32-15-17-04    |

#### Approvals / Certificates

##### General Product Approval



[Manufacturer Declaration](#)



[KC](#)



##### For use in hazardous locations



[FM](#)

[CCC-Ex](#)



[Miscellaneous](#)

##### Marine / Shipping



[NK / Nippon Kaiji Kyokai](#)





[CCS \(China Classification Society\)](#)



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