



Figure similar

SIMATIC ET 200SP, BaseUnit BU15-P16+A0+2B, BU type A0, Push-in terminals, without AUX terminals, bridged to the left, 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                                                   | No                                                                                   |
| Current carrying capacity                                      |                                                                                      |
| For P1 and P2 bus, max.                                        | 10 A                                                                                 |
| For process terminals, max.                                    | 2 A                                                                                  |
| Hardware configuration                                         |                                                                                      |
| Automatic encoding                                             | Yes                                                                                  |
| Formation of potential groups                                  |                                                                                      |
| • New potential group                                          | No                                                                                   |
| • Potential group continued from the left                      | Yes                                                                                  |
| Slots                                                          |                                                                                      |
| • Number of slots                                              | 1; Type A0                                                                           |
| 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 mm²; AWG 26 |                |
| ● Conductor cross-section, max.                        |        | 2.5 mm²; AWG 14  |                |
| ● Number of process terminals to I/O module            |        | 16; Pro slot     |                |
| ● Number of terminals to AUX bus                       |        | 0                |                |
| ● Number of add-on terminals                           |        | 0                |                |
| ● Number of terminals with connection to P1 and P2 bus |        | 2; Pro slot      |                |
| 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   | 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](#)

[KC](#)


| For use in hazardous locations                                                      |                    |                        |                                                                                       |                               |
|-------------------------------------------------------------------------------------|--------------------|------------------------|---------------------------------------------------------------------------------------|-------------------------------|
|  | <a href="#">FM</a> | <a href="#">CCC-Ex</a> |    | <a href="#">Miscellaneous</a> |
|                                                                                     |                    |                        |  |                               |

| Maritime application |
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#### Maritime application

#### Environment



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



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