

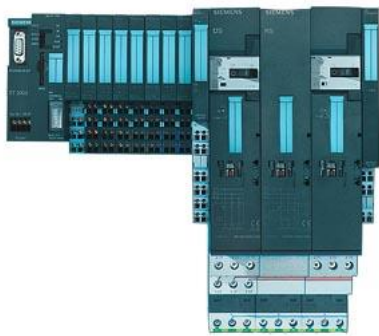


Figure similar

\*\*\* Spare part \*\*\* SIMATIC DP, 5 electronic modules for ET 200S, 2 DI 230 V AC  
15 mm width, 5 units per packing unit

| Supply voltage                                                  |                      |
|-----------------------------------------------------------------|----------------------|
| Rated value (AC)                                                | 230 V                |
| Input current                                                   |                      |
| from supply voltage L1, max.                                    | Dependent on encoder |
| from backplane bus 3.3 V DC, max.                               | 6 mA                 |
| Power loss                                                      |                      |
| Power loss, typ.                                                | 0.7 W                |
| Address area                                                    |                      |
| Address space per module                                        |                      |
| • Address space per module, max.                                | 1 byte               |
| • with packing                                                  | 2 bit                |
| Digital inputs                                                  |                      |
| Number of digital inputs                                        | 2                    |
| Input characteristic curve in accordance with IEC 61131, type 1 | Yes                  |
| Input voltage                                                   |                      |
| • Type of input voltage                                         | AC                   |
| • Rated value (AC)                                              | 230 V; 47 ... 63 Hz  |
| • for signal "0"                                                | 0V AC to 40V AC      |
| • for signal "1"                                                | 164V AC to 264V AC   |
| Input current                                                   |                      |
| • for signal "1", typ.                                          | 5 mA; 5 to 15mA      |
| Input delay (for rated value of input voltage)                  |                      |
| for standard inputs                                             |                      |
| — at "0" to "1", min.                                           | 15 ms                |
| — at "1" to "0", min.                                           | 45 ms                |
| Cable length                                                    |                      |
| • shielded, max.                                                | 1 000 m              |
| • unshielded, max.                                              | 600 m                |
| Encoder                                                         |                      |
| Connectable encoders                                            |                      |
| • 2-wire sensor                                                 | No                   |
| — permissible quiescent current (2-wire sensor), max.           | 2 mA                 |
| Interrupts/diagnostics/status information                       |                      |
| Diagnostics function                                            | No                   |
| Diagnoses                                                       |                      |
| • Short-circuit                                                 | No                   |
| Diagnostics indication LED                                      |                      |
| • Status indicator digital input (green)                        | Yes; per channel     |
| Parameter                                                       |                      |

|                                          |            |
|------------------------------------------|------------|
| Remark                                   | 3 byte     |
| <b>Potential separation</b>              |            |
| Potential separation digital inputs      |            |
| • between the channels                   | No         |
| • between the channels and backplane bus | Yes        |
| <b>Isolation</b>                         |            |
| Isolation tested with                    | 4 000 V DC |
| <b>Dimensions</b>                        |            |
| Width                                    | 15 mm      |
| Height                                   | 81 mm      |
| Depth                                    | 52 mm      |
| <b>Weights</b>                           |            |
| Weight, approx.                          | 31 g       |
| <b>Classifications</b>                   |            |

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 14      | 27-24-26-04    |
| eClass | 12      | 27-24-26-04    |
| eClass | 9.1     | 27-24-26-04    |
| eClass | 9       | 27-24-26-04    |
| eClass | 8       | 27-24-26-04    |
| eClass | 7.1     | 27-24-26-04    |
| eClass | 6       | 27-24-26-04    |
| ETIM   | 9       | EC001599       |
| ETIM   | 8       | EC001599       |
| ETIM   | 7       | EC001599       |
| IDEA   | 4       | 3566           |
| UNSPSC | 15      | 32-15-17-05    |

|                                 |  |
|---------------------------------|--|
| <b>Approvals / Certificates</b> |  |
| <b>General Product Approval</b> |  |

[Manufacturer Declaration](#)


[Miscellaneous](#)



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

|                                                                                     |                                                                                     |                                          |                                                                                     |                                                                                       |                                                    |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>Maritime application</b>                                                         |                                                                                     |                                          |                                                                                     |                                                                                       |                                                    |
|  |  | <a href="#">NK / Nippon Kaiji Kyokai</a> |  |  | <a href="#">CCS (China Classification Society)</a> |

last modified:

7/1/2025 