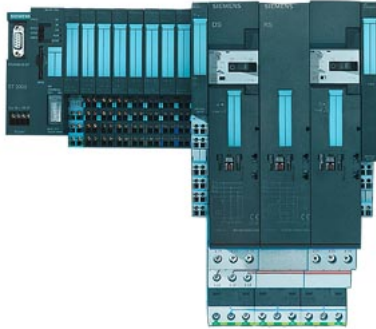



SIMATIC DP, 5 electronic modules for ET 200S, 2 DI 230 V AC 15 mm width, 5 units per packing unit



| 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  |                      |
| <ul style="list-style-type: none"> <li>Address space per module, max.</li> </ul>                      | 1 byte               |
| <ul style="list-style-type: none"> <li>with packing</li> </ul>  | 2 bit                |
| Digital inputs  |                      |
| Number of digital inputs  | 2                    |
| Input characteristic curve in accordance with IEC 61131, type 1                                       | Yes                  |
| Input voltage   |                      |
| <ul style="list-style-type: none"> <li>Type of input voltage</li> </ul>                               | AC                   |
| <ul style="list-style-type: none"> <li>Rated value (AC)</li> </ul>                                    | 230 V; 47 ... 63 Hz  |
| <ul style="list-style-type: none"> <li>for signal "0"</li> </ul>                                      | 0V AC to 40V AC      |
| <ul style="list-style-type: none"> <li>for signal "1"</li> </ul>                                      | 164V AC to 264V AC   |
| Input current   |                      |
| <ul style="list-style-type: none"> <li>for signal "1", typ.</li> </ul>                                | 5 mA; 5 to 15mA      |
| Input delay (for rated value of input voltage)  |                      |
| for standard inputs   |                      |
| <ul style="list-style-type: none"> <li>at "0" to "1", min.</li> </ul>                                 | 15 ms                |
| <ul style="list-style-type: none"> <li>at "1" to "0", min.</li> </ul>                                 | 45 ms                |
| Cable length  |                      |
| <ul style="list-style-type: none"> <li>shielded, max.</li> </ul>                                      | 1 000 m              |
| <ul style="list-style-type: none"> <li>unshielded, max.</li> </ul>                                    | 600 m                |
| Encoder   |                      |
| Connectable encoders  |                      |
| <ul style="list-style-type: none"> <li>2-wire sensor</li> </ul>                                       | No                   |
| <ul style="list-style-type: none"> <li>permissible quiescent current (2-wire sensor), max.</li> </ul> | 2 mA                 |
| Interrupts/diagnostics/status information   |                      |
| Diagnostics function  | No                   |
| Diagnoses   |                      |
| <ul style="list-style-type: none"> <li>Short-circuit</li> </ul>                                       | No                   |
| Diagnostics indication LED  |                      |

|  |  |
|--|--|
| • Status indicator digital input (green) | Yes; per channel   |
| <b>Parameter</b>                         |  |
| 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>last modified:</b>                    | 2/9/2021  |