



Figure similar

\*\*\* Spare part \*\*\* SIMATIC DP, 5 electronic modules for ET 200S, 4 DO High Feature 24 V DC/2 A, 15 mm width, Short-circuit diagnostics, SF LED 5 units per packing unit

| General information                         |                                                                                |
|---------------------------------------------|--------------------------------------------------------------------------------|
| Product function                            |                                                                                |
| • Isochronous mode                          | Yes                                                                            |
| Supply voltage                              |                                                                                |
| Reverse voltage protection                  | Yes; when using the same load voltage as on the power module                   |
| Load voltage L+                             |                                                                                |
| • Rated value (DC)                          | 24 V; From power module                                                        |
| • Reverse polarity protection               | Yes; polarity reversal can lead to the digital outputs being connected through |
| Input current                               |                                                                                |
| from load voltage L+ (without load), max.   | 5 mA; Per channel                                                              |
| from backplane bus 3.3 V DC, max.           | 10 mA                                                                          |
| Power loss                                  |                                                                                |
| Power loss, typ.                            | 1.6 W                                                                          |
| Address area                                |                                                                                |
| Address space per module                    |                                                                                |
| • Address space per module, max.            | 1 byte                                                                         |
| • with packing                              | 4 bit                                                                          |
| Digital outputs                             |                                                                                |
| Type of digital output                      | Transistor                                                                     |
| Number of digital outputs                   | 4                                                                              |
| Short-circuit protection                    | Yes                                                                            |
| • Response threshold, typ.                  | 5 to 10 A                                                                      |
| Limitation of inductive shutdown voltage to | L+ (-37 to 41V)                                                                |
| Controlling a digital input                 | Yes                                                                            |
| Load resistance range                       |                                                                                |
| • lower limit                               | 12 Ω                                                                           |
| • upper limit                               | 3 400 Ω                                                                        |
| Output voltage                              |                                                                                |
| • for signal "1", min.                      | L+ (-1.0 V)                                                                    |
| Output current                              |                                                                                |
| • for signal "1" rated value                | 2 A                                                                            |
| • for signal "1" permissible range, min.    | 7 mA                                                                           |
| • for signal "1" permissible range, max.    | 2.4 A                                                                          |
| • for signal "0" residual current, max.     | 0.5 mA                                                                         |
| Output delay with resistive load            |                                                                                |
| • "0" to "1", max.                          | 250 μs                                                                         |
| • "1" to "0", max.                          | 400 μs                                                                         |
| Parallel switching of two outputs           |                                                                                |

|                                           |                   |
|-------------------------------------------|-------------------|
| • for uprating                            | No                |
| • for redundant control of a load         | Yes; per module   |
| Switching frequency                       |                   |
| • with resistive load, max.               | 100 Hz            |
| • with inductive load, max.               | 2 Hz              |
| • on lamp load, max.                      | 10 Hz             |
| Total current of the outputs              |                   |
| • Current per module, max.                | 4 A               |
| Cable length                              |                   |
| • shielded, max.                          | 1 000 m           |
| • unshielded, max.                        | 600 m             |
| Interrupts/diagnostics/status information |                   |
| Diagnostics function                      | Yes               |
| Diagnoses                                 |                   |
| • short-circuit                           | Yes; module-wise  |
| Diagnostics indication LED                |                   |
| • Group error SF (red)                    | Yes; SF-LED (red) |
| • Status indicator digital output (green) | Yes; Per channel  |
| Potential separation                      |                   |
| Potential separation digital outputs      |                   |
| • between the channels                    | No                |
| • between the channels and backplane bus  | Yes               |
| Isolation                                 |                   |
| Isolation tested with                     | 500 V DC          |
| Dimensions                                |                   |
| Width                                     | 15 mm             |
| Height                                    | 81 mm             |
| Depth                                     | 52 mm             |
| Weights                                   |                   |
| Weight, approx.                           | 40 g              |
| Classifications                           |                   |

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 16      | 27-24-26-04    |
| 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   | 10      | EC001599       |
| ETIM   | 9       | EC001599       |
| ETIM   | 8       | EC001599       |
| ETIM   | 7       | EC001599       |
| IDEA   | 4       | 3566           |
| UNSPSC | 15      | 32-15-17-05    |

|                          |  |
|--------------------------|--|
| Approvals / Certificates |  |
| General Product Approval |  |

[Miscellaneous](#)

[Manufacturer Declaration](#)



EG-Konf.



UL



RCM

|                          |     |                                |
|--------------------------|-----|--------------------------------|
| General Product Approval | EMV | For use in hazardous locations |
|--------------------------|-----|--------------------------------|



[China RoHS](#)



For use in hazardous locations

[FM](#)



[Miscellaneous](#)



For use in hazardous locations

Maritime application

[CCC-Ex](#)



[NK / Nippon Kaiji Kyokai](#)

Maritime application



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

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3/10/2026