




SIMATIC DP, 5 electronic modules for ET 200S, 2 DO 24...230 V AC 15 mm width, 5 units per packing unit

Figure similar

| Supply voltage | |
|--|--|
| Reverse voltage protection | Yes; when using the same load voltage as on the power module |
| Load voltage L1 | |
| <ul style="list-style-type: none"> permissible range, lower limit (AC) permissible range, upper limit (AC) permissible frequency range, lower limit permissible frequency range, upper limit | 24 V; From power module 230 V 47 Hz 63 Hz |
| Input current | |
| from load voltage L1 (without load), max. | 15 mA; Per channel |
| from backplane bus 3.3 V DC, max. | 18 mA |
| Power loss | |
| Power loss, max. | 4 W |
| Address area | |
| Address space per module | |
| <ul style="list-style-type: none"> Address space per module, max. with packing | 1 byte 2 bit |
| Digital outputs | |
| Type of digital output | Triac |
| Number of digital outputs | 2 |
| Short-circuit protection | Yes |
| Limitation of inductive shutdown voltage to | -55 to -60 V |
| Controlling a digital input | Yes; possible |
| Switching capacity of the outputs | |
| <ul style="list-style-type: none"> on lamp load, max. | 100 W |
| Output voltage | |
| <ul style="list-style-type: none"> for signal "1", min. | L+ (-1.5 V) |
| Output current | |
| <ul style="list-style-type: none"> for signal "1" rated value for signal "1" permissible range, min. for signal "1" permissible range, max. for signal "0" residual current, max. | 2 A 0.1 mA 2.2 A 3 mA |
| Output delay with resistive load | |
| <ul style="list-style-type: none"> "0" to "1", max. "1" to "0", max. | 15 ms 15 ms |
| Parallel switching of two outputs | |
| <ul style="list-style-type: none"> for uprating for redundant control of a load | No Yes; per module |
| Switching frequency | |

| | |
|---|--|
| <ul style="list-style-type: none"> • with resistive load, max. | 10 Hz |
| <ul style="list-style-type: none"> • with inductive load, max. | 0.5 Hz |
| <ul style="list-style-type: none"> • on lamp load, max. | 1 Hz |
| Total current of the outputs | |
| <ul style="list-style-type: none"> • Current per module, max. | 2 A; note derating data in the manual |
| Cable length | |
| <ul style="list-style-type: none"> • shielded, max. | 1 000 m |
| <ul style="list-style-type: none"> • unshielded, max. | 600 m |
| Interrupts/diagnostics/status information | |
| Diagnostics function | No |
| Diagnostics indication LED | |
| <ul style="list-style-type: none"> • Status indicator digital output (green) | Yes |
| Parameter | |
| Remark | 3 byte |
| Response to CPU/master STOP | Substitute a value/keep last value, 0/1 |
| Potential separation | |
| Potential separation digital outputs | |
| <ul style="list-style-type: none"> • between the channels | No |
| <ul style="list-style-type: none"> • between the channels and backplane bus | Yes |
| Isolation | |
| Isolation tested with | 2 500 V DC |
| Dimensions | |
| Width | 15 mm |
| Height | 81 mm |
| Depth | 52 mm |
| Weights | |
| Weight, approx. | 37 g |
| last modified: | 2/9/2021  |