

SIMATIC S7-300, DIGITAL OUTPUT SM 322, OPTICALLY ISOLATED, 8 DO (RELAY), 1 X 40 PIN, 24V DC, 120 - 230V AC, 5A WITH INTEGR. SNUBBER F. IND. LOADS



Figure similar

| Supply voltage | |
|---------------------------------------|-------------------|
| Load voltage L+ | |
| • Rated value (DC) | 24 V |
| • permissible range, lower limit (DC) | 24 V |
| • permissible range, upper limit (DC) | 120 V |
| Load voltage L1 | |
| • Rated value (AC) | 230 V |
| Input current | |
| from supply voltage L+, max. | 160 mA |
| from backplane bus 5 V DC, max. | 100 mA |
| Power loss | |
| Power loss, typ. | 3.5 W |
| Digital outputs | |
| Number of digital outputs | 8; Relays |
| Switching capacity of the outputs | |
| • on lamp load, max. | 1 500 W; 230 V AC |
| Output current | |

| | |
|--|--|
| • for signal "1" rated value | 5 A |
| • for signal "1" minimum load current | 10 mA |
| Switching frequency | |
| • with resistive load, max. | 2 Hz |
| • with inductive load, max. | 0.5 Hz |
| • on lamp load, max. | 2 Hz |
| • mechanical, max. | 10 Hz |
| Total current of the outputs (per group) | |
| horizontal installation | |
| — up to 60 °C, max. | 5 A |
| vertical installation | |
| — up to 40 °C, max. | 5 A |
| Relay outputs | |
| • Number of operating cycles, max. | 100 000; 100000 (24 V DC, at 5 A), 100000 (230 V AC, at 5 A) |
| Switching capacity of contacts | |
| — with inductive load, max. | 5 A; 5 A (230 V DC), 5 A (24 V AC) |
| — with resistive load, max. | 5 A; 5 A (230 V DC), 5 A (24 V AC) |
| Cable length | |
| • shielded, max. | 1 000 m |
| • unshielded, max. | 600 m |
| Interrupts/diagnostics/status information | |
| Diagnostic functions | Yes; Parameterizable |
| Alarms | |
| • Diagnostic alarm | Yes; Parameterizable |
| Diagnostics indication LED | |
| • Group error SF (red) | Yes |
| • Status indicator digital output (green) | Yes |
| Potential separation | |
| Potential separation digital outputs | |
| • between the channels | Yes |
| • between the channels, in groups of | 1 |
| • between the channels and backplane bus | Yes; Optocoupler |
| Isolation | |
| Isolation tested with | 1500 V AC |
| Connection method | |
| required front connector | 40-pin |
| Dimensions | |
| Width | 40 mm |
| Height | 125 mm |
| Depth | 120 mm |

Weights

Weight, approx.

320 g

last modified:

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