

SIMATIC S7-400, DIG.OUTPUT MOD. SM 422, OPTIC. ISOLATED, 32 DO, 24V DC, 0.5A WITH 0,15 MS OUTPUT DELAY, DIAGNOSTICS



Figure similar

| Supply voltage | |
|---|------------|
| Load voltage L+ | |
| • Rated value (DC) | 24 V |
| • permissible range, lower limit (DC) | 20.4 V |
| • permissible range, upper limit (DC) | 28.8 V |
| Input current | |
| from load voltage L+ (without load), max. | 120 mA |
| from backplane bus 5 V DC, max. | 200 mA |
| Power loss | |
| Power loss, typ. | 8 W |
| Digital outputs | |
| Number of digital outputs | 32 |
| Limitation of inductive shutdown voltage to | L+ (-45 V) |
| Switching capacity of the outputs | |
| • on lamp load, max. | 5 W |
| Output voltage | |

| | |
|--|-------------------------------|
| • for signal "1", min. | L+ (-0.8 V) |
| Output current | |
| • for signal "1" rated value | 0.5 A |
| • for signal "1" permissible range, min. | 5 mA |
| • for signal "1" permissible range, max. | 600 A |
| • for signal "0" residual current, max. | 0.5 mA |
| Switching frequency | |
| • with resistive load, max. | 100 Hz |
| • with inductive load, max. | 2 Hz |
| Total current of the outputs (per group) | |
| all mounting positions | |
| — up to 60 °C, max. | 2 A |
| Cable length | |
| • shielded, max. | 1 000 m |
| • unshielded, max. | 600 m |
| Interrupts/diagnostics/status information | |
| Diagnostics | Yes; internal/ external fault |
| Alarms | |
| • Diagnostic alarm | Yes; Parameterizable |
| • Hardware interrupt | Yes; Parameterizable |
| Potential separation | |
| Potential separation digital outputs | |
| • between the channels, in groups of | 8 |
| • between the channels and backplane bus | Yes |
| Isolation | |
| Isolation tested with | 500 V DC |
| Dimensions | |
| Width | 25 mm |
| Height | 290 mm |
| Depth | 210 mm |
| Weights | |
| Weight, approx. | 600 g |
| last modified: | 03/24/2017 |