




SIMATIC S7-400, power supply PS 405: 4 A, 24/48/60 V DC, 5 V DC/4 A,

| Supply voltage | |
|---|--|
| Rated value (DC) | |
| • 24 V DC | Yes |
| • 48 V DC | Yes |
| • 60 V DC | Yes |
| Mains buffering | |
| • Mains/voltage failure stored energy time | 20 ms |
| • Mains buffering according to NAMUR recommendation | Yes |
| Input current | |
| Rated value at 24 V DC | 2 A |
| Rated value at 48 V DC | 1 000 mA |
| Rated value at 60 V DC | 800 mA |
| Inrush current, max. | 18 A; Full width at half maximum 20 ms |
| Output voltage / header | |
| Type of output voltage | DC |
| Rated value (DC) | |
| • 5 V DC | Yes |
| • 24 V DC | Yes |
| Output current | |
| for backplane bus (5 V DC), max. | 4 A; no base load required |
| for backplane bus (24 V DC), max. | 0.5 A; idling-proof |
| Short-circuit protection | Yes |
| Power | |
| Active power input, typ. | 48 W |
| Power loss | |
| Power loss, typ. | 16 W |
| Battery | |
| Backup battery | |
| • Backup battery (optional) | Yes; 1x lithium AA; 3.6 V / 2.3 Ah |
| Hardware configuration | |
| Slots | |
| • required slots | 1 |
| Potential separation | |
| primary/secondary | Yes |
| Isolation | |
| Overtoltage category | II |
| Degree and class of protection | |

| | |
|---|---|
| Equipment protection class | I, with protective conductor |
| Standards, approvals, certificates | |
| FM approval | Yes; Ta: 0 °C to 60 °C T4 |
| CCC | Yes |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 60 °C |
| connection method / header | |
| Design of electrical connection | 3x 1.5 mm ² , solid or stranded wire with end sleeve, external diameter 3 mm to 9 mm |
| Dimensions | |
| Width | 25 mm |
| Height | 290 mm |
| Depth | 217 mm |
| Weights | |
| Weight, approx. | 760 g |
| last modified: | 9/15/2021  |