

SIMATIC S7-400, PS 405 POWER SUPPLY, WIDE RANGE 10A,
24/48/60V DC, 5V/10A DC

| Supply voltage | |
|-----------------------------------------------------|----------------------------------------|
| Rated value (DC) | |
| • 24 V DC | Yes |
| • 48 V DC | Yes |
| • 60 V DC | Yes |
| permissible range, lower limit (DC) | Static 19.2 V, dynamic 18.5 V |
| permissible range, upper limit (DC) | Static 72 V, dynamic 75.5 V |
| 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 | 4.5 A |
| Rated value at 48 V DC | 2.1 A |
| Rated value at 60 V DC | 1.7 A |
| Inrush current, max. | 18 A; Full width at half maximum 20 ms |
| Output voltage | |
| Rated value (DC) | |
| • 5 V DC | Yes |
| • 24 V DC | Yes |
| Output current | |
| for backplane bus (5 V DC), max. | 10 A; 200 mA base load required |
| for backplane bus (24 V DC), max. | 1 A; idling-proof |
| Short-circuit protection | Yes |
| Power | |
| Active power input, typ. | 104 W |
| Power loss | |
| Power loss, typ. | 29 W |
| Battery | |
| Backup battery | |
| • Backup battery (optional) | Yes; 2x lithium AA; 3.6 V / 1.9 Ah |
| Hardware configuration | |
| Slots | |

• required slots

2

Potential separation

primary/secondary

Yes

Degree and class of protection

Protection class

1; with protective conductor

Standards, approvals, certificates

FM approval

Yes; up to 40 °C: T4

Connection method

Connecting cables/cross-sections

3x 1.5 mm², solid or stranded wire with end sleeve, external diameter 3 mm to 9 mm

Dimensions

Width

50 mm

Height

290 mm

Depth

217 mm

Weights

Weight, approx.

1 400 g

last modified:

03/24/2017