



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

### Supply voltage

Rated value, 24 V DC	Yes
Rated value, 48 V DC	Yes
Rated value, 60 V DC	Yes
permissible range, lower limit (DC)	19.2 V ; Dynamic 18.5 V
permissible range, upper limit (DC)	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	2 A
Rated value at 48 V DC	1000 mA
Rated value at 60 V DC	800 mA
Inrush current, max.	18 A ; Full width at half maximum 20 ms

### Output voltage

Rated value, 5 V DC	Yes
Rated value, 24 V DC	Yes

### Output current

for backplane bus (5 V DC), max.	4 A ; no base load required
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<b>for backplane bus (24 V DC), max.</b>	0.5 A ; idling-proof
<b>Short-circuit protection</b>	Yes
<b>Power</b>	
<b>Power consumption, typ.</b>	48 W
<b>Power losses</b>	
<b>Power loss, typ.</b>	16 W
<b>Backup battery</b>	
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<b>Backup battery (optional)</b>	Yes ; 1 x lithium AA; 3.6 V/2.3 Ah
<b>Galvanic isolation</b>	
<b>primary/secondary</b>	Yes
<b>Degree and class of protection</b>	
<b>Protection class</b>	1 ; with protective conductor
<b>Standards, approvals, certificates</b>	
<b>FM approval</b>	Yes ; Ta: 0 °C to 60 °C T4
<b>Connection method</b>	
<b>Connecting cables/cross sections</b>	3 x 1.5 mm <sup>2</sup> , solid or stranded wire with end sleeve, external diameter 3 to 9 mm
<b>Dimensions</b>	
<b>Width</b>	25 mm
<b>Height</b>	290 mm
<b>Depth</b>	217 mm
<b>Required slots</b>	1
<b>Weight</b>	
<b>Weight, approx.</b>	760 g
Status	Feb 11, 2013