



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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for backplane bus (24 V DC), max.	0.5 A ; idling-proof
Short-circuit protection	Yes
Power	
Power consumption, typ.	48 W
Power losses	
Power loss, typ.	16 W
Battery	
Backup battery	
Backup battery	
Backup battery (optional)	Yes
Configuration	
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Required slots	1
Galvanic isolation	
primary/secondary	Yes
Degree and class of protection	
Protection class	1 ; with protective conductor
Standards, approvals, certificates	
FM approval	Yes
Connection method	
Connecting cables/cross sections	3 x 1.5 mm ² , solid or stranded wire with end sleeve, external diameter 3 to 9 mm
Dimensions	
Width	25 mm
Height	290 mm
Depth	217 mm
Weights	
Weight, approx.	760 g
Status	Mar 31, 2014