

# SIEMENS

## Product data sheet

**6ES7405-0KA02-0AA0**


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

### 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	4 A
Rated value at 48 V DC	2 A
Rated value at 60 V DC	1.6 A
Inrush current, max.	18 A ; Full width at half maximum 20 ms

### Output voltage

Date:  
07/27/2012

Rated value, 5 V DC	Yes
Rated value, 24 V DC	Yes
<b>Output current</b>	
for backplane bus (5 V DC), max.	10 A ; no base load required
for backplane bus (24 V DC), max.	1 A ; idling-proof
Short-circuit protection	Yes
<b>Power</b>	
Power consumption, typ.	95 W
<b>Power losses</b>	
Power loss, typ.	20 W
<b>Backup battery</b>	
Backup battery	
Backup battery (optional)	Yes ; 2 x lithium AA; 3.6 V/2.3 Ah
<b>Galvanic isolation</b>	
primary/secondary	Yes
<b>Degree and class of protection</b>	
Protection class	1 ; with protective conductor
<b>Standards, approvals, certificates</b>	
FM approval	Yes ; Ta: 0 °C to 60 °C T4
<b>Connection method</b>	
Connecting cables/cross sections	3 x 1.5 mm <sup>2</sup> , solid or stranded wire with end sleeve, external diameter 3 to 9 mm
<b>Dimensions</b>	
Width	50 mm
Height	290 mm
Depth	217 mm
Required slots	2
<b>Weight</b>	
Weight, approx.	1200 g
Status	Jul 17, 2012