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

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Supply voltage	
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 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	
Rated value, 5 V DC	Yes
Rated value, 24 V DC	Yes
Output current	
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
Power	
Power consumption, typ.	95 W

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Power losses	
Power loss, typ.	20 W
Battery	
Backup battery	
Backup battery	
Backup battery (optional)	Yes ; 2 x lithium AA; 3.6 V/2.3 Ah
Hardware configuration	
Slots	
Required slots	2
Galvanic isolation	
primary/secondary	Yes
Degree and class of protection	
Protection class	1 ; with protective conductor
Standards, approvals, certificates	
FM approval	Yes ; Ta: 0 °C to 60 °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.	1200 g
Status	Dec 10, 2014

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