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	
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

© Copyright Siemens AG 2014

for backplane bus (24 V DC), max.	1 A ; idling-proof
Short-circuit protection	Yes
Power	
Power consumption, typ.	95 W
Power losses	
Power loss, typ.	20 W
Battery	
Backup battery	
Backup battery	
Backup battery (optional)	Yes
Configuration	
[nicht versorgt: TAK_ABW806_001_000]	
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
Connection method	
Connecting cables/cross sections	3 x 1.5 mm2, solid or stranded wire with end sleeve, external diameter 3 to 9 mm
Dimensions	
Width	50 mm
Height	290 mm
Depth	217 mm
Weights	
Weight, approx.	1200 g
Status	Mar 31, 2014

© Copyright Siemens AG 2014