SIEMENS

Data sheet

6ES7405-0KR02-0AA0



SIMATIC S7-400, power supply PS405: 10 A, wide range, 24/48/60 V DC; 5 V DC/10 A, for redundant use

Supply voltage		
Rated value (DC)		
• 24 V DC	Yes	
• 48 V DC	Yes	
• 60 V DC	Yes	
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 / header		
Type of output voltage	DC	
Rated value (DC)		
• 5 V DC	Yes	
• 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		
Active power input, typ.	95 W	
Power loss		
Power loss, typ.	20 W	
Battery		
Backup battery		
 Backup battery (optional) 	Yes; 2x lithium AA; 3.6 V / 2.2 Ah	
Hardware configuration		
Slots		
 required slots 	2	
Potential separation		
primary/secondary	Yes	
Isolation		
Overvoltage category		
Degree and class of protection		
Equipment protection class	I, with protective conductor	
Standards, approvals, certificates		
FM approval	Yes; Ta: 0 °C to 60 °C T4	

Ambient temperature during operation • min. 0 °C • max. 60 °C connection method 50 °C Design of electrical connection 3x 1.5 mm², solid or stranded wire with end sleeve, external diameter 3 mm to 5 mm Dimensions 50 mm Width 50 mm Height 290 mm Depth 217 mm			
Ambient conditions Ambient temperature during operation • min. 0 °C • max. 60 °C connection method Design of electrical connection 3x 1,5 mm², solid or stranded wire with end sleeve, external diameter 3 mm to 2 mm Dimensions 50 mm Width 50 mm Height 290 mm Depth 217 mm Weight, approx. 1 200 g	CCC	Yes	
Ambient temperature during operation • min. 0 °C • max. 60 °C connection method Design of electrical connection 3x 1.5 mm², solid or stranded wire with end sleeve, external diameter 3 mm to 9 mm Dimensions 200 mm Width 50 mm Height 290 mm Depth 217 mm Weights 1 200 g	BIS	Yes	
• min.0 °C• max.60 °Cconnection method3x 1,5 mm², solid or stranded wire with end sleeve, external diameter 3 mm to S mmDesign of electrical connection3x 1,5 mm², solid or stranded wire with end sleeve, external diameter 3 mm to S mmDimensions2000000000000000000000000000000000000	Ambient conditions		
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Design of electrical connection 3x 1,5 mm², solid or stranded wire with end sleeve, external diameter 3 mm to 9 mm Dimensions 50 mm Width 50 mm Height 290 mm Depth 217 mm Weights 1 200 g	• max.	60 °C	
mm Dimensions Width 50 mm Height 290 mm Depth 217 mm Weight, approx. 1 200 g	connection method		
Width50 mmHeight290 mmDepth217 mmWeight, approx.1 200 g	Design of electrical connection	3x 1.5 mm², solid or stranded wire with end sleeve, external diameter 3 mm to 9 $$ mm	
Height 290 mm Depth 217 mm Weight, approx. 1 200 g	Dimensions		
Depth 217 mm Weights 1 200 g	Width	50 mm	
Weights 1 200 g	Height	290 mm	
Weight, approx. 1 200 g	Depth	217 mm	
	Weights		
	Weight, approx.	1 200 g	

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