



SIPLUS S7-400 PS407 10A FOR MEDIAL STRESS BASED ON 6ES7407-0KA02-0AA0

Supply voltage

Rated value, 110 V DC	Yes ; Rated value 120 V DC
Rated value, 230 V DC	Yes
permissible range, lower limit (DC)	88 V
permissible range, upper limit (DC)	300 V
Rated value, 120 V AC	Yes
Rated value, 230 V AC	Yes
permissible range, lower limit (AC)	85 V
permissible range, upper limit (AC)	264 V

Line frequency

Rated value 50 Hz	Yes
Rated value 60 Hz	Yes
permissible frequency range, lower limit	47 Hz
permissible frequency range, upper limit	63 Hz

Mains buffering

Mains/voltage failure stored energy time	20 ms
Mains buffering according to NAMUR recommendation	Yes

Input current

Rated value at 110 V DC	1 A ; at 120 V DC
-------------------------	-------------------

Rated value at 230 V DC	0.5 A
Rated value at 120 V AC	0.9 A
Rated value at 230 V AC	0.5 A
Inrush current, max.	63 A ; Full width at half maximum 1 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
Power loss	
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
EMC	
Compliance with line harmonic distortion limits	
Observance of line harmonic distortion acc. to IEC 61000-3-2, IEC 61000-3-3	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
Dimensions	
Width	50 mm
Height	290 mm
Depth	217 mm
Weights	
Weight, approx.	1200 g

