



SIMATIC PCS 7, PS 405 10A R XTR S7-400 power supply wide range, 24/48/60 V DC; 5 V DC/10 A, for redundant use for extended temp. range and with conformal coating

Figure similar

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	
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	
Overtoltage category	II
Degree and class of protection	

Equipment protection class	I, with protective conductor
<b>Standards, approvals, certificates</b>	
FM approval	Yes; Ta: 0 °C to 70 °C T4
CCC	Yes
BIS	Yes

<b>Ambient conditions</b>	
Ambient temperature during operation	
• min.	0 °C
• max.	70 °C

<b>Connection method</b>	
Design of electrical connection	3x 1.5 mm <sup>2</sup> , solid or stranded wire with end sleeve, external diameter 3 mm to 9 mm

<b>Dimensions</b>	
Width	50 mm
Height	290 mm
Depth	217 mm

<b>Weights</b>	
Weight, approx.	1 200 g

<b>Classifications</b>			
		<b>Version</b>	<b>Classification</b>
	eClass	14	27-24-22-09
	eClass	12	27-24-22-09
	eClass	9.1	27-24-22-09
	eClass	9	27-24-22-09
	eClass	8	27-24-22-09
	eClass	7.1	27-24-22-09
	eClass	6	27-24-22-09
	ETIM	10	EC000599
	ETIM	9	EC000599
	ETIM	8	EC000599
	ETIM	7	EC000599
	IDEA	4	3575
	UNSPSC	15	32-15-17-06

**Approvals / Certificates**

**General Product Approval**



[Miscellaneous](#)



**General Product Approval**      **For use in hazardous locations**

[China RoHS](#)

[Miscellaneous](#)



[FM](#)



**For use in hazardous locations**      **Maritime application**

[Type Examination Certificate](#)



**Maritime application**      **Environment**

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tion Society\)](#)



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