SIEMENS

Data sheet 6ES7405-0DA02-0AA1



Figure similar

SIMATIC PCS 7, PS 405 4A XTR S7-400 power supply wide range, 24/48/60 V DC; 5 V DC/4 A, for extended temp. range and with conformal coating

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	2 A
Rated value at 48 V DC	1 000 mA
Rated value at 60 V DC	800 mA
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.	4 A; no base load required
for backplane bus (24 V DC), max.	0.5 A; idling-proof
Short-circuit protection	Yes
Power	
Active power input, typ.	48 W
Power loss	
Power loss, typ.	16 W
Battery	
Backup battery	
● Backup battery (optional)	Yes; 1x lithium AA; 3.6 V / 2.2 Ah
Hardware configuration	
Slots	
● required slots	1
Potential separation	
primary/secondary	Yes
Isolation	
Overvoltage category	II
Degree and class of protection	

Subject to change without notice
© Copyright Siemens

Equipment protection class	I, with protective conductor
Standards, approvals, certificates	
FM approval	Yes; Ta: 0 °C to 70 °C T4
CCC	Yes
BIS	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	70 °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	
Width	25 mm
Height	290 mm
Depth	217 mm
Weights	
Weight, approx.	800 g

Classifications

	Version	Classification
eClass	16	27-24-22-09
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 | Manufacturer Declaration | FM

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

Type Examination Certificate

© Copyright Siemens

Maritime application					Environment
DNV	LRS	NK / Nippon Kaiji Kyokai	RINA	CCS (China Classification Society)	EPD

last modified: 6/7/2025

Subject to change without notice
© Copyright Siemens