Product data sheet
Characteristics

TSXPSY5500M
Power supply module, Modicon Premium, input current of 1700mA, secondary power of 50W, 85 to 140VAC and 190 to 264VAC



Commercial status
End of commercialisation : JAN 23, 2021

⚠ End of commercialisation

Main

Range of product	Modicon Premium Automation platform
Product or component type	Power supply module

Complementary

Primary voltage	100...120 V AC 85...140 V 200...240 V AC 190...264 V
Network frequency	50/60 Hz
Network frequency limits	47…63 Hz
Input current	1700 mA 100 V 500 mA 240 V
Inrush current	38 A 100 V 38 A 240 V
I²t on activation	2 A².S 240 V 4 A².S 100 V
It on activation	0.11 A.S 100 V 0.11 A.S 240 V
Protection type	Internal fuse 4 A 5 x 20 mm time-delayed primary circuit Overload protection secondary circuit Overvoltage protection secondary circuit Short-circuit protection secondary circuit
Total useful secondary power	50 W
Secondary power	19 W 24 V DC 35 W 5 V DC
Current at secondary voltage	0.8 A 24 V DC relay power supply 0.8 A 24 V DC sensor power supply 7 A 5 V DC
Insulation resistance	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
Marking	CE
Local signalling	1 LED (green) for presence of sensor voltage (24V) 1 LED (green) for presence of voltages (OK) 1 LED (red) for battery fault (BAT)
Module format	Double
Net weight	0.62 Kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

Immunity to microbreaks	10 Ms
Dielectric strength	2000 V primary/earth 2000 V primary/secondary
Standards	73/23/EEC CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group C 92/31/EEC UL 508 CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group A IEC 61131-2 89/336/EEC 93/68/EEC
Product certifications	RMRS[RETURN]LR[RETURN]ABS[RETURN]GL[RETURN]RINA[RETURN]D-NV[RETURN]BV
Ambient air temperature for operation	0…60 °C
Ambient air temperature for storage	-25…70 °C
Relative humidity	10…95 % without condensation for operation 5…95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.5 Cm
Package 1 Width	18.0 Cm
Package 1 Length	26.0 Cm
Package 1 Weight	971.0 G
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	6.341 Kg

Contractual warranty

Warranty	12 months

Product Life Status : Post commercialisation

TSXPSY5500M may be replaced by any of the following products:



BMXCPS3540T

power supply module, Modicon X80, 125V DC, for extended temperature

Qty 1

Substitution date: |