

PSM00703

19" 3U 8TE

Made in Germany

70 Watts 3 outputs Power Supply Front End
85..265Vac Input, -20...+70°C

Short Specification:

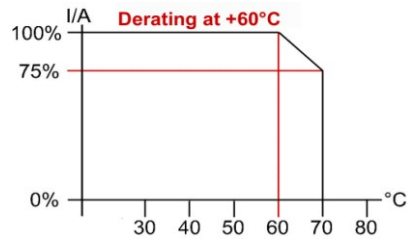
- 19 Inch 3U Norm Front End Slide-in-Unit
- Aluminium housing
- Up to 82% efficiency
- -20°C...+60°C full output power
- Free air convection
- Galvanic insulated
- Continuous short circuit protected
- Overload & low voltage protected
- Soft start & auto-recovery
- Hold up time >30ms
- Minimum load = 0A
- Switching frequency typ. 70KHz
- EMI/EMS EN61000-6-2,3, EN55022 class B
- cUL60950/16950 IEC(EN)60950-1
- H15M DIN61612 connector
- 24 hours burn in test
- High reliability, shock & vibration resistant



In accordance with IEC60950-1

AC-Input	85...265Vac, 47...63Hz, 110...375Vdc					
Input Rating	100...265Vac, 115Vac <1.4A 230Vac <0.7A					
Rated DC-Voltage	U1 +5V	U2 +12V	U3 -12V	U1 +5V	U2 +15V	U3 -15V
Rated DC-Current	8.0A	1.0A	1.0A	8.0A	0.8A	0.8A
Ripple [mVpp] _{230Vac}	10 (20MHz)	25 (20MHz)	25 (20MHz)	10 (20MHz)	25 (20MHz)	25 (20MHz)
Output adj. range	U1= 4,75...5,24V			U1= 4,75...5,24V		
Order code: PSM00703.Vout (price includes neutral front panel) Example: 5/+12/-12 = PSM00703.5.12.12						

Tolerance	U1 ± 1% ; U2,3 ± 5%
Stability at Load Switch	< ± 0.5% 10-100%, 100-10%
Switching Frequency	70KHz typical
Minimum Load	U1 = +5V 3%
Efficiency (in average over all outputs)	Up to 82%
Overload Protection	1,2x I _{rated} , auto recovery
Over Voltage Protection	140% of U _{out} , auto recovery
Short Circuit Protection	Continuous
Temperature Control	Not available
Hold Up Time	> 30ms 230ac full load
Inrush Current	< 32A (230Vac)
Softstart	50ms typ.
Cooling	Free air convection
Ambient Temp.	- 20°C ...+70°C
Storage Temperature	- 40°C ...+85°C
EMI	EN55022 class B / EN61000-3-2
EMS	EN61000-6-2,3
Safety	cUL60950/1950 (IEC)EN60950-1
Safety class 1(A)	VDE0805, VDE0100
Air & Surface Leakage Paths	> 8mm
Input/Output	Galvanic insulated
MTBF at full load	400000h
Dimensions (HxWxD)	3HE 8TE DIN41494
Weight	420g
Connector	H15M DIN61612



M15M DIN41612 connector

- 28 = L
- 30 = N
- 32,24 = PE
- 4 = U1
- 6,8 = COM1
- 14 = not used
- 16 = not used
- 18 = U2
- 20 = COM2,3
- 22 = U3
- 10 = not used
- 12 = not used
- 26 = not used

Conception:

The Camtec PSM-Series provides you high efficiency by using a very small space in your rack system. Using the latest FET-technology leads to the most reliable system availability. The Camtec Overload Design guarantees state of the art reserves recommended. All devices are fixed so it can handle hard conditions of use on vehicles or military applications.

