



SITOP INRUSH CURRENT LIMITER

SITOP Switch on current limiter Ballast unit for SITOP Power supplies
input: 100-480 V AC, 10 A max output: 100-480 V AC, 10 A max

Input	
Input	1-phase, 2-phase and 3-phase AC
Rated voltage value V_{in} rated	100 ... 480 V
Voltage range AC	85 ... 575 V
Wide-range input	Yes
Rated line frequency 1	50 Hz
Rated line frequency 2	60 Hz
Rated line range	47 ... 63 Hz
Switch-on current limiting (+25 °C), max.	10 A
duration of inrush current limiting at 25 °C	
• typical	120 ms
Built-in incoming fuse	Overload protection in case of error through non-reversible thermal fuse
Protection in the mains power input (IEC 898)	Circuit breaker max. 10 A
Output	
Output	according to the supply voltage
number of outputs	1
• output voltage at AC rated value	100 - 480 V
• output voltage at AC	85 ... 575
product function output voltage adjustable	No
Status display	Green LED
Current range	0 ... 10 A
Parallel switching for enhanced performance	No
Efficiency	
Power loss at V_{out} rated, I_{out} rated, approx.	1.5 W
Protection and monitoring	
property of the output short-circuit proof	No
overcurrent overload capability when switching on	Switching frequency max. 1 event per minute
Safety	
standard for safety	EN 60950-1
Primary/secondary isolation	No
Protection class	Class II
Degree of protection (EN 60529)	IP20
Approvals	
CE mark	Yes
UL/cUL (CSA) approval	cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259
certificate of suitability NEC Class 2	No
CB approval	No
certificate of suitability EAC approval	Yes
Marine approval	-

EMC	
Emitted interference	EN 61000-6-3
Supply harmonics limitation	-
Noise immunity	EN 61000-6-2
environmental conditions	
ambient temperature	
<ul style="list-style-type: none"> • during operation — Note • during transport • during storage 	-25 ... +60 °C with natural convection -40 ... +85 °C -40 ... +85 °C
Humidity class according to EN 60721	Climate class 3K3, 5 ... 95% no condensation
Mechanics	
Connection technology	screw-type terminals
Connections	
<ul style="list-style-type: none"> • Supply input • Output 	L, N: 1 screw terminal each for 0.5 ... 2.5 mm ² L, N: 1 screw terminal each for 0.5 ... 2.5 mm ²
width of the enclosure	22.5 mm
height of the enclosure	80 mm
depth of the enclosure	91 mm
required spacing	
<ul style="list-style-type: none"> • top • bottom • left • right 	50 mm 50 mm 0 mm 0 mm
Weight, approx.	0.12 kg
product feature of the enclosure housing can be lined up	Yes
Installation	Snaps onto DIN rail EN 60715 35x7.5/15
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

