



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	
type of the power supply network	1-phase, 2-phase and 3-phase AC
supply voltage at AC	
• minimum rated value	100 V
• maximum rated value	480 V
• initial value	85 V
• full-scale value	575 V
design of input wide range input	Yes
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 ... 63 Hz
current limitation of inrush current at 25 °C maximum	10 A
duration of inrush current limiting at 25 °C	
• typical	120 ms
fuse protection type	Overload protection in case of error through non-reversible thermal fuse
• in the feeder	Circuit breaker max. 10 A
Output	
voltage curve at output	according to the supply voltage
number of outputs	1
output voltage	
• at AC rated value	100 - 480 V
• at AC	85 ... 575
product function output voltage adjustable	No
display version for normal operation	Green LED
output current	
• rated range	0 ... 10 A
product feature	
• bridging of equipment	No
Efficiency	
power loss [W]	
• at rated output voltage for rated value of the output current typical	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
galvanic isolation between input and output	No
operating resource protection class	Class II
protection class IP	IP20

Approvals	
certificate of suitability	
• CE marking	Yes
• UL approval	Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259
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• cCSAus, Class 1, Division 2	No
• ATEX	No
certificate of suitability	
• IECEx	No
• NEC Class 2	No
• ULhazloc approval	No
• FM registration	No
type of certification CB-certificate	No
certificate of suitability	
• EAC approval	Yes
certificate of suitability shipbuilding approval	No
shipbuilding approval	-
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• French marine classification society (BV)	No
• DNV GL	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
EMC	
standard	
• for emitted interference	EN 61000-6-3
• for mains harmonics limitation	-
• for interference immunity	EN 61000-6-2
environmental conditions	
ambient temperature	
• during operation	-25 ... +60 °C; with natural convection
• during transport	-40 ... +85 °C
• during storage	-40 ... +85 °C
environmental category according to IEC 60721	Climate class 3K3, 5 ... 95% no condensation
Mechanics	
type of electrical connection	screw-type terminals
• at input	L, N: 1 screw terminal each for 0.5 ... 2.5 mm ²
• at output	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	
• top	50 mm
• bottom	50 mm
• left	0 mm
• right	0 mm
net weight	0.12 kg
product feature of the enclosure housing can be lined up	Yes
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

