



SITOP PSE400M/VOLTAGE RISE LIMITER

SITOP PSE400M SAB Ballast for 6EP1536-3AA00 Input: 300 to 900 V DC
Output: 300 to 900 V DC

Input	
type of the power supply network	DC voltage
supply voltage	
• at DC	600 ... 600 V
input voltage	
• at DC	200 ... 900 V
input current	
• at DC at rated input voltage 600 V	0.85 A
fuse protection type	3 A/1 kV DC (internal fuse, not accessible)
• in the feeder	yes, switch-off capacity 20 kA; L/R < 2 ms ("+" and "-" input)
Output	
voltage curve at output	Corresponding to the DC input voltage
number of outputs	1
output voltage at DC rated value	600 V
output voltage	
• at output 1 at DC rated value	600 V
output current	
• rated value	0.85 A
• maximum rated value	2.8 A
• rated range	2.8 A
supplied active power typical	505 W
short-term overload current	
• on short-circuiting during the start-up typical	3 A
Efficiency	
efficiency in percent	99.5 %
power loss [W]	
• at rated output voltage for rated value of the output current typical	1.5 W
Safety	
operating resource protection class	Class I
protection class IP	IP20
Approvals	
certificate of suitability	
• CE marking	Yes
• UL approval	No; -
• CSA approval	No; -
• cCSAus, Class 1, Division 2	No
• ATEX	No
certificate of suitability	

<ul style="list-style-type: none"> • IECEx • NEC Class 2 • ULhazloc approval • FM registration 	No
type of certification CB-certificate	Yes
certificate of suitability <ul style="list-style-type: none"> • EAC approval • C-Tick 	Yes No
certificate of suitability shipbuilding approval	No
shipbuilding approval	-
Marine classification association <ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) 	No No No No No
EMC	
standard <ul style="list-style-type: none"> • for emitted interference • for interference immunity 	Class A (also conducted) with PSU400M EN 61000-6-2 with PSU400M
environmental conditions	
ambient temperature <ul style="list-style-type: none"> • during operation • during transport • during storage 	-25 ... +70 °C -40 ... +85 °C -40 ... +85 °C
environmental category according to IEC 60721	Climate class 3K3, 5 ... 95% no condensation
ambient condition relating to ambient temperature - air pressure - installation altitude	< 2000 m
Mechanics	
type of electrical connection <ul style="list-style-type: none"> • at input • at output 	screw-type terminals DC input, +, -, PE: 1 screw terminal each for 0.2 ... 6/4 mm ² single-core/finely stranded DC input +, -, PE: 1 screw terminal for 0.2 ... 6/4 mm ² single-core/finely stranded
width of the enclosure	70 mm
height of the enclosure	125 mm
depth of the enclosure	120 mm
required spacing <ul style="list-style-type: none"> • top • bottom 	50 mm 50 mm
net weight	0.515 kg
MTBF at 40 °C	1 240 810 h

