

ICS 500

INRUSH CURRENT SOURCE



Inrush Current Source ICS 500

- ✓ Supports the inrush current capability according to IEC/EN 61000-4-11 and IEC/EN 61000-4-34
- ✓ Increases the inrush current capability of APS series amplifier to > 500 A respectively > 1000 A

The relating standards:*

IEC/EN 61000-3-2
IEC/EN 61000-3-3
IEC/EN 61000-3-11
IEC/EN 61000-3-12
IEC/EN 60146-1-1
IEC/EN 61000-2-2
IEC/EN 61000-4-8
IEC/EN 61000-4-11
IEC/EN 61000-4-13
IEC/EN 61000-4-14
IEC/EN 61000-4-17
IEC/EN 61000-4-27
IEC/EN 61000-4-28
IEC/EN 61000-4-29
IEC/EN 61000-4-34
IEC/EN 61131-2
IEC/EN 61496-1
IEC/EN 61800-3
IEC/EN 62040-2
RTCA DO-160
SEMI F47-0706
IEC TR 61547-1
German. Lloyd

** The Inrush Current Source can be used for certain tests within these standards. Additional equipment might be required. For detailed information, please contact sales@spitzenberger.de.*

FULFILL INRUSH CURRENT REQUIREMENTS

Peak inrush current

High peak inrush current capability of > 500 A as required by IEC/EN 61000-4-11.

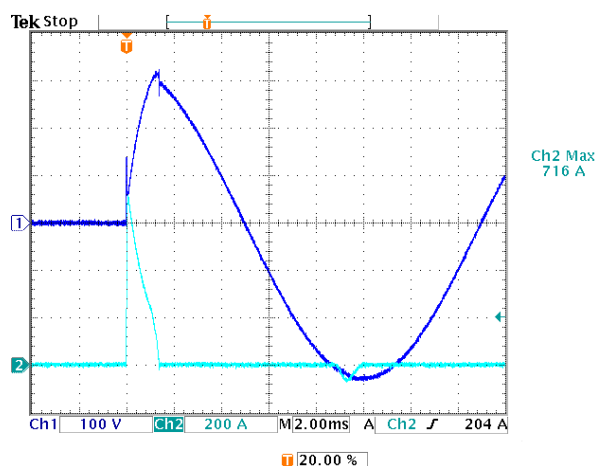


Fig. 1: Inrush current APS 5000 with ICS 500

TECHNICAL DATA – INRUSH CURRENT SOURCE

	ICS 500
Peak current	
100 V - 120 V	> 250 A
200 V - 240 V	> 500 A
Frequency	50 Hz / 60 Hz
Ambient temperature	+10 °C up to +40 °C
Storage temperature	-25 °C up to +60 °C
Relative humidity	non condensing, max. 80 % for temperature < 31 °C, decreasing linearly to 50 % at 40 °C
Ingress protection	IP20
Power supply (±10 %, 50/60 Hz)	230 V
Line protection, connection	2 A, Schuko
Housing	plug-in unit or desktop, light grey (RAL 7035)
<i>Inrush unit</i>	19", 3 U
<i>approx. dimensions (H x W x D)</i>	133 x 483 x 350 mm
Weight (approx.)	15 kg