

The Elpro logo is located in the top right corner of the page. It consists of the word "Elpro" in a bold, blue, sans-serif font. The background of the entire page is a photograph of a DC 3KV traction power supply system, showing various electrical components like busbars, switches, and cooling fins.

TRACTION POWER SUPPLY SYSTEMS

Switchgear
DC 3KV

RECTIFIER

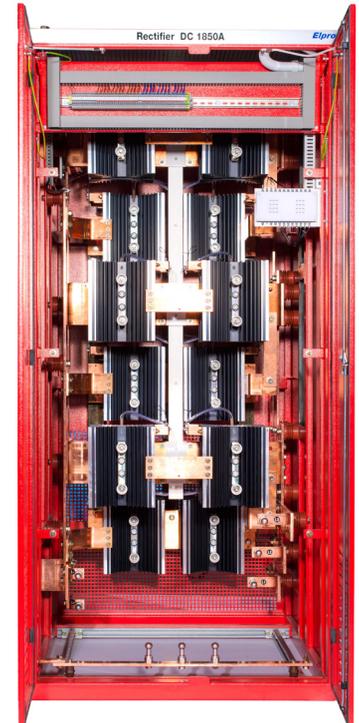
Technical Specifications

Nominal Voltage	3600V DC	
Rated Voltage	3300V DC	
Rated short-circuit current	14 kA / 10 kA (B6U)	1 fuse
	26 kA / 18 kA (B6U)	2 fuses / fuseless
Rated duration of short-circuit	200 ms	
Protection degree	IP2X	
Loadclass I - VI acc. to	DIN EN 50328	
Standard specification	DIN EN 60146	

Characteristics

Dimensions (WxHxD)

Rated current DC 750 A 1 fuse / diode	six-pulse-bridge (B6U)2S	1200 x 2200 x 1300 mm ³
Rated current DC 1350 A 2 fuses / diode	six-pulse-bridge (B6U)2S	1200 x 2200 x 1300 mm ³
Rated Current DC 1850 A fuseless	six-pulse-bridge (B6U)2S	2000 x 2200 x 1300 mm ³



INCOMING

Technical Specifications

Nominal voltage	3000V DC
Rated voltage	3600V DC
Nominal current busbar	DC 7300 A / 5500 A / 3050 A
Rated duration of short-circuit	200 ms
Protection degree	IP4x/2X
Standard specification	DIN EN 50123-6

Characteristics

Dimensions (WxHxD)

2 Incomings up to DC 2500 A	800 x 2200 x 1600 mm ³
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FEEDER

Technical Specifications

Nominal voltage	3000V DC
Rated voltage	3600V DC
Nominal current busbar	DC 7300 A / 5500 A / 3050 A
Nominal current busbar bypass	DC 2500 A
Rated short-circuit current	57 kA / 40 kA
Rated duration of short-circuit	250 ms
Protection degree	IP 2X
Standard specification	DIN EN 50123

Characteristics

Rated feeder current DC 2500 A
with curcuit breaker (Secheron or GE)
with cable diconnector

Dimensions (WxHxD)

1000 x 2200 x 1600 mm³



BYPASS

Technical Specifications

Nominal voltage	3000V DC
Rated voltage	3600V DC
Nominal current busbar	DC 7300 A / 5500 A / 3050 A
Nominal current busbar bypass	DC 2500 A
Rated short-circuit current	57 kA / 40 kA
Rated duration of short-circuit	250 ms
Protection degree	IP 2X
Standard specification	DIN EN 50123

Characteristics

Rated feeder current DC 2500 A
with curcuit breaker (Secheron or GE)
with cable diconnector

Dimensions (WxHxD)

1000 x 2200 x 1600 mm³





Elpro GmbH

Marzahner Straße 34
D-13053 Berlin

Tel.: +49 30 9861 0
Fax: +49 30 9861 2276

E-Mail: info@elpro.de
Internet: www.elpro.de

