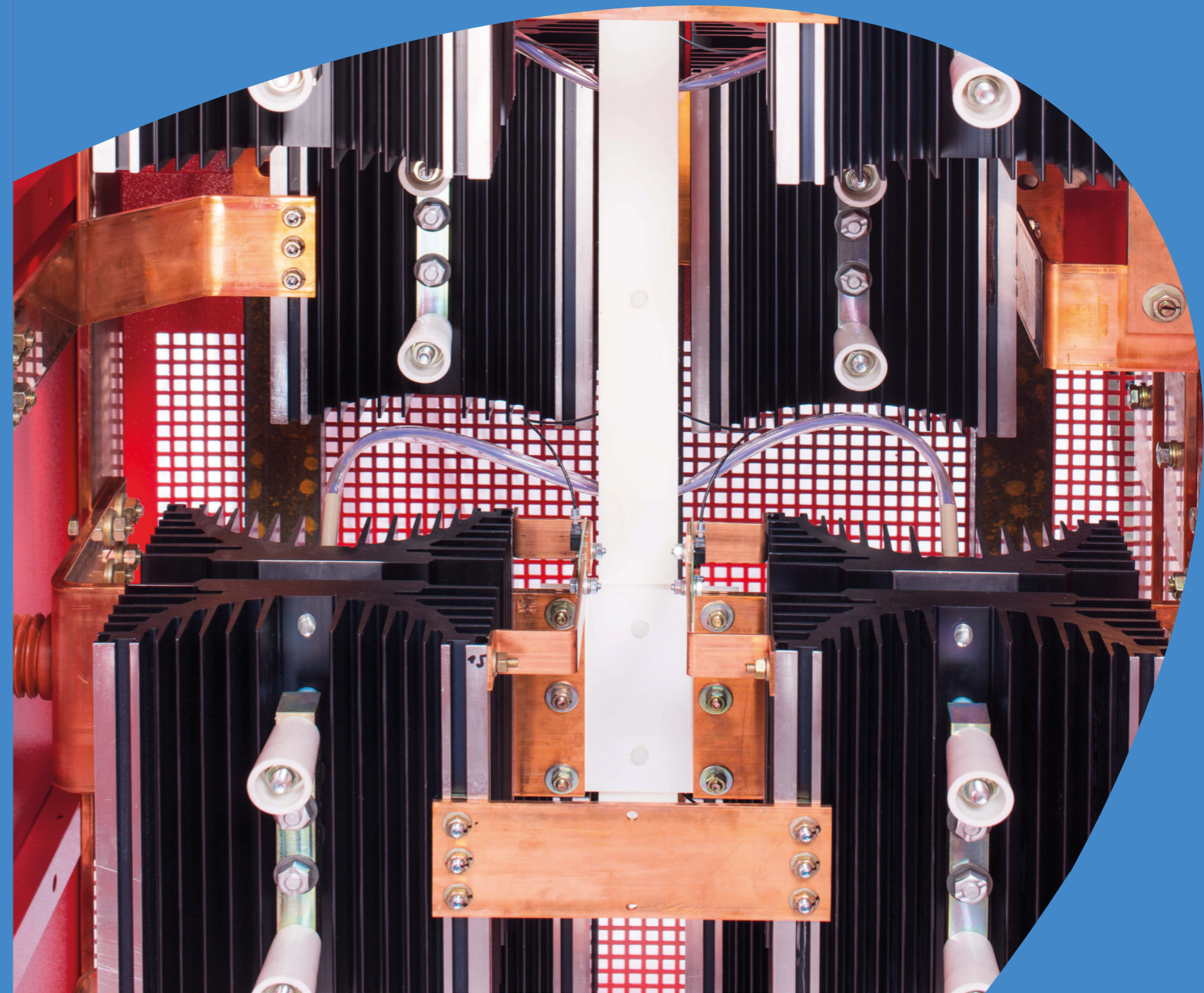




Elpro

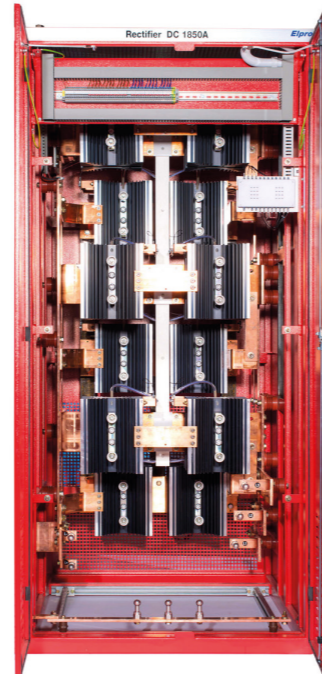
RAILWAY TRACTION POWER SYSTEMS
DC SWITCHGEAR 3000 V



RECTIFIER

Technical Data		
Rated insulation voltage	3600V DC	
Conventional no-load voltage	3300V DC	
Bemessungs-Kurzschlussstrom	14 kA / 10 kA (B6U)	eine Sicherung
	26 kA / 18 kA (B6U)	zwei Sicherungen / sicherungslos
Rated short-circuit current	200 ms	
Degree of protection	IP2X	
Load class	DIN EN 50328	
Type Test Standard	DIN EN 60146	

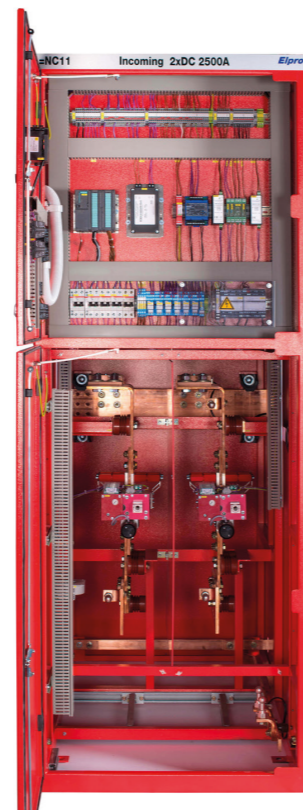
Design Features		Dimensions (WxHxD)
Rated current DC 750 A with one fuse / diode	6-pulse circuit (B6U)2S	1200 x 2200 x 1300 mm ³
Rated current DC 1350 A with two fuses / diode	6-pulse circuit (B6U)2S	1200 x 2200 x 1300 mm ³
Rated current DC 1850 A with diode monitoring	6-pulse circuit (B6U)2S	2000 x 2200 x 1300 mm ³



FEEDER

Technical Data	
Rated voltage	3000V DC
Rated insulation voltage	3600V DC
Rated current main busbar	DC 5500 A
Rated short-circuit duration	200 ms
Degree of protection	IP4x/2X
Type test specification	DIN EN 50123-6

Design Features	Dimensions (W x H x D)
2 feeders up to DC 2500 A each	800 x 2200 x 1600 mm ³



LINE OUTGOING PANEL

Technical Data	
Rated voltage	3000V DC
Rated insulation voltage	3600V DC
Rated current main busbar	DC 7300 A / 5500 A / 3050 A
Rated current bypass busbar	DC 2500 A
Rated short-circuit current	57 kA / 40 kA
Rated short-circuit duration	250 ms
Degree of protection	IP 2X
Type test specification	DIN EN 50123

Design Features	Dimensions (W x H x D)
Rated outgoing current DC 2500 A with circuit breaker (Sécheron or GE) with cable disconnecter	1000 x 2200 x 1600 mm ³



LINE BYPASS PANEL

Technical Data	
Rated voltage	3000V DC
Rated insulation voltage	3600V DC
Rated current main busbar	DC 5500 A
Rated current bypass busbar	DC 2500 A
Rated short-circuit current	57 kA / 40 kA
Rated short-circuit duration	250 ms
Degree of protection	IP 2X
Type test specification	DIN EN 50123

Design Features	Dimensions (W x H x D)
Rated outgoing current DC 2500 A with circuit breaker (Sécheron or GE) with cable disconnecter	1000 x 2200 x 1600 mm ³

