

GHA-BC-SBB

GHA Bus Coupler cubicle - Single BusBar - up to
40,5kV 2500A 40kA



Main

Range of product	GHA
Product or component type	Bus coupler with circuit-breaker
Circuit breaker application	Secondary main breaker
Network frequency	50/60 Hz
[Ur] Rated voltage	24 kV 36 kV 38 kV 40.5 kV
[Ud] Insulation voltage power frequency	85 kV 50 Hz 1 min
[Up] Insulation voltage lightning impulse withstand	125 kV 170 kV 150 kV 185 kV
Bus rated current	1250 A 2000 A 2500 A
Peak current	63 kA 80 kA 100 kA
[Ir] Rated current	1250 A 2000 A 2500 A
[Ik] Short time withstand current	25 kA for 3 s 31.5 kA for 3 s 40 kA for 3 s
Internal arc classification	Internal arc class AFLR Internal arc class AFL
Internal arc protection	40 kA 1 s
Product weight	900...1300 kg
Height	2400 mm 2800 mm
Width	800 mm 1000 mm
Depth	1330 mm 1595 mm

Local signalling	LED for presence of voltage
Standards	IEC 62271-200
Device application	Railway
Type of installation	Indoor installation

Complementary

Additional device type	Relay SEPAM Relay MiCOM Relay Easergy P3 Thermal sensor TH110 optional Motor circuit breaker Motor DS optional Motor ES optional Power meter optional
Monitoring function	Pressure monitoring IDIS
Arc fault detector option	Yes - vamp (ordered separately)
Product destination	Magelis HMI SMD

Environment

IP degree of protection	HV parts: IP65
Ambient air temperature for operation	-25...40 °C
Operating altitude	<= 4500 m

