

Product data sheet

Specifications



Load break switch, CBGS-0, with fuses cubicle, single busbar, up to 36kV 31,5kA

CBGS0-T1-SBB

Main

| | |
|---|----------------------------|
| Range Of Product | CBGS-0 |
| Standards | IEC 62271-200 |
| Product Or Component Type | Load break switch |
| Technology Type | Gas insulated switchgear |
| Type Of Installation | Indoor installation |
| Ip Degree Of Protection | HV parts: IP65 |
| Rated Voltage (Ur) | 24 kV 36 kV 38 kV |
| Rated Frequency (Fr) | 50/60 Hz |
| Rated Short-Duration Power-Frequency Withstand Voltage [Ud] | 70 kV rms 50 Hz for 1 min |
| Rated Lightning Impulse Withstand Voltage (Up) | 125 kV 170 kV 150 kV |
| Bus Rated Current | 1250 A 1600 A 2000 A |
| [Ir] Rated Current | 630 A |
| Rated Short-Time Withstand Current (Ik) | 25 kA rms 1 s |
| Peak Current | 63 kA |
| Internal Arc Classification | AFL AFLR |
| Internal Arc Protection | 25 kA 1 s |

Complementary

| | |
|--------------------------|---|
| Number Of Cables | 3 bottom 1000 mm² per phase |
| Local Signalling | LED for presence of voltage |
| Additional Device Type | Thermal sensor TH110 optional cable Relay SEPAM Relay MiCOM Relay Relay Easergy P3 Motor circuit breaker Motor DS optional Motor ES optional Power meter optional |
| Monitoring Function | Pressure monitoring manometer |
| Environmental Monitoring | Yes CL110 (optional) |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---------------------------|---------------------------------|
| Arc Fault Detector Option | Yes - vamp (ordered separately) |
| Product Destination | Magelis HMI SMD optional |
| Product Weight | 600 kg |
| Height | 2350 mm |
| Width | 600 mm |
| Depth | 1400 mm |

Environment

| | |
|---------------------------------------|------------|
| Ambient Air Temperature For Operation | -5...40 °C |
| Operating Altitude | <= 2000 m |

Packing Units

| | |
|------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 235.0 cm |
| Package 1 Width | 60.0 cm |
| Package 1 Length | 140.0 cm |
| Package 1 Weight | 600.0 kg |