Pluggable Unit

Electrical characteristics

- Types of networks: TT – TNS – TNC – IT
- Number of poles: 1
- Type / test class: T2 / II
- Type of current: A.C.
- Nominal voltage $U_n$: 400/690 V
- Maximal continuous operating voltage $U_c$: 660 V
- Voltage protection level $U_{p}$ at $I_n$: 2.9 kV
- Voltage protection level $U_{p}$ at 3 kA: 2.1 kV
- Voltage protection level $U_{p}$ at 5 kA: 2.2 kV
- Nominal discharge current $I_n$ (8/20): 15 kA
- Maximal discharge current $I_{max}$ (8/20): 40 kA
- TOV withstand $U_t$ (5s): 690 V
- Follow current $I_f$: A
- Response time: 25 ns
- Operating current $I_c$: mA < 1
- Short circuit withstand $I_{cc}$: 50 kA
- Degree of protection: IP 20
- Disconnector:
  - Curve C Circuit breaker: A
  - gG - gL fuse: A
  - $<125$

Mechanical characteristics

- Wire range:
  - Solid wire: mm² 2.5…25
  - Stranded wire: mm² 2.5…16
- Stripping length: mm 12.5
- Tightening torque: Nm 2
- Overall dimensions:
  - Length: mm 65
  - Width: mm 18
  - Height over DIN rail: mm 95
- Integrated thermal disconnector: Yes
- Safety reserve: No
- TS remote indicator: Yes
- State indicator: Yes
- Minimal load: 12VDC – 10mA
- Maximal load: 250VAC – 1A
- Connection cross section: mm² 1.5

Miscellaneous characteristics

- Stocking temperature: °C - 40 to +80
- Operating temperature: °C - 40 to +80
- Maximal altitude: m 2000
- Weight: g 140
- Color of Housing: PC grey RAL 7035
- Fire resistance according to UL 94: V0
- Reference standards: GB 18802.1 / IEC 61643-1

Replacement cartridge

OVR BT2 40-660 C

Order code: 2TAM 1002 00 R 49 00

EAN code: 6 940 342 27455 1