OVR T2 3N Telecom QS

**Type**: T2

**Imax**: 40 kA

**Up**: 1.7 kV

**System**

- TNC/TNS
- IEC 61643-11

**Key characteristics**

- **Protection mode**: L-L/N/L-PE
- **Number of protected lines**: 4
- **Test class**: II
- **Integrated thermal disconnector**: Yes
- **End of life indicator**: Yes
- **Safety reserve**: No

**Electrical characteristics**

- **Nominal discharge current (Iₙ)**: 20 kA
- **Maximal discharge current (Iₘₐₓ)**: 40 kA
- **Impulse current (Iₚₑₚ)**: 10/350 kA
- **Maximal continuous operating voltage (Uₖ)**: 385 V
- **Type of current / frequency**: 50 - 60 Hz
- **Voltage protection level at In (L-PE)**: 100 kV
- **Voltage protection level at In (L-N)**: 1.7 kV
- **Voltage protection level at In (N-PE)**: 1.4 kV
- **Short circuit withstand (Iₘ₈₆)**: 8000 A
- **Follow current interrupted (Iₖ)**: 100 kA
- **Ground residual current (Iₚₑₚ)**: <350 µA
- **TOV withstand (L-N : 5s / N-PE : 200 ms)**: 441/1200 V
- **Voltage Combination Wave**: Uₜₐₜ₉

**Required thermal/back up protection**

- **Curve B or C Circuit breaker**
- **gG - gl fuse**

**Mechanical characteristics**

- **Dimensions**: 95.8 x 71.2 x 65.3 mm
- **Wire range**: Solid wire mm²
  - 2.5 - 25 mm²
- **Stripping length**: 12.5 mm
- **Packing quantities**: 1 piece

**Miscellaneous characteristics**

- **Maximal altitude**: 2000 m
- **Weight**: 480 g
- **Response time**: <25 ns
- **Fire resistance according to UL 94**: V0

**Replacement cartridges**

- **Phase / Product ID**: OVR T2 40-385 C QS 2TAM220201R4600
- **Neutral / Product ID**: OVR T2 N 80-255 C QS 2TAM220300R9300

Type 2 + 3 SPD’s have characteristics of type 2 but also type 3; they are capable of discharging the currents generated by indirect lightning strikes (T2 8/20 μs), but also they have a low residual voltage (Up), who is compatible with the withstand voltage of sensitive electronic equipment. They are generally less powerful than a pure Type 2 SPD. Higher is the Imax, more powerful they are. They are installed in sub-distribution boards or close to sensitive equipment. They can be used on their own.

- **Din rail mounting**
- **Pluggable**
- **Excellent technical features**
- **Improved safety**
- **Pro M compact design**
- **Back up protection up to 125 A Fuse or MCB**