

## **DATENBLATT / DATASHEET: Serie/Serie UAS TI+TII 280**

### **BLITZSTROM- & ÜBERSPANNUNGSABLEITER**

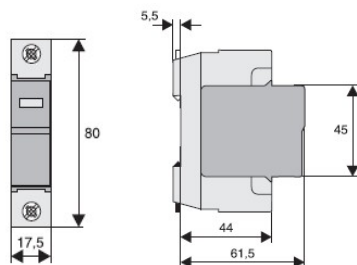
### **LIGHTNING CURRENT- & SURGE PROTECTIVE DEVICE**



### **TECHNISCHE DATEN / TECHNICAL DATA**

Art.nr. / art.no. Bezeichnung / description	IS210448-- Serie/Serie UAS BC TNC 280/12.5	IS210449-- Serie/Serie UAS BC TNS 280/12.5	IS210459-- Serie/Serie UAS BC TT 280/12.5
Geprüft nach/acc. to	Testclass I + II (B + C) IEC61643-11/EN61643-11		
max. Dauerspannung/ max. continuous rating voltage $U_c$	280 Vac	280 Vac	280 Vac (L-N) / 275 Vac (N-PE)
Impulsstrom/impulse current (10/350) $I_{imp}$	3 x 12.5 kA	4 x 12.5 kA	3 x 12.5 kA (L-N) / 50 kA (N-PE)
Spezifische Energie/specific energy	625 kJ/Ω	625 kJ/Ω	625 kJ/Ω
Ladung/charging Q	25 As	25 As	25 As
Max. Ableitstoßstrom/ max. discharge current (8/20) $I_{max}$	3 x 50 kA	4 x 50 kA	3 x 50 kA (L-N) / 100kA (N-PE)
Nennableitstoßstrom/ nominal discharge current (8/20) $I_n$	3 x 25 kA	4 x 25 kA	3 x 25 kA (L-N) / 50kA (N-PE)
Schutzpegel/protection level $U_p$ (at $I_n$ )	< 1.5 kV	< 1.5 kV	< 1.5 kV
Folgestrom/follow current interrupt rating $I_f$	---	---	100A <sub>eff</sub> (N-PE)
Ansprechzeit/response time	< 25ns	< 25ns	< 25ns (L-N) / < 100ns (N-PE)
TOV withstand 5s (L-N) $U_T$	348 Vac	348 Vac	348 Vac (L-N) / 370 VAC (N-PE)
TOV withstand 200ms (N-PE) $U_T$	---	---	1200 Vac (N-PE)
Thermische Trennvorrichtung/ thermal protection	Yes	Yes	Yes
Anzugsmoment/tightening torque	2.4 – 3 Nm	2.4 – 3 Nm	2.4 – 3 Nm
Temperaturbereich/temperature range	-40°C ... +70°C		
Klemmenquerschnitt/ terminal cross section	4 – 25 mm <sup>2</sup> (L, N) 4 – 25 mm <sup>2</sup> (N, PE)		
Montage/mounting	35mm DIN Schiene/DIN rail, IEC/EN 60715		
Schutzart/degree of protection	IP20		
Gehäusematerial/housing material	Thermoplastic, extinguishing degree UL94 V-0		
Breite/dimensions (DIN43880)	3 TE	4 TE	4 TE
Abmessungen/dimensions	52.5 x 80 x 61.5	70 x 80 x 61.5	70 x 80 x 61.5
Gewicht/weight (g)	373.5	496	470

### **ABMESSUNG / DIMENSION: (1-polig / 1-pole)**



Satz-, Druckfehler und technische Änderungen vorbehalten / subject to technical changes and misprints