



**4.2 100 kVAr capacitive, 690 V**

Type	<b>3TB115H2-E*36B-0*, 3TB115H2-E*36C-0*</b>	
Nominal power	at 45 °C at 25 °C	100 kVAr (capacitive) 131 kVAr (capacitive)
Nominal voltage		690 V (+/- 10 %)
Nominal current	at 45 °C at 25 °C	84 A 109 A
$i^2t$ ( $T_{vj} = 125$ °C; 8.3 ... 10 ms)		29000 A <sup>2</sup> s
$V_{RRM}, V_{DRM}$		3600 V
Modules		2 x Thyristor-Diode
Discharge capacitors		<b>CAUTION!</b> It's <b>not allowed</b> to use discharge reactors! Using <b>special discharging resistors</b> with thyristor switches is <b>mandatory!</b> Please contact your capacitor manufacturer!
Recovery time		Typically 1 period
Switched phases		2, half controlled
Supply voltage		External supply voltage <b>B</b> = 115 V AC or <b>C</b> = 230 V AC, 50/60 Hz
Max. consumption power supply		9 VA
Voltage trigger signal		8 – 30 V DC
Consumption trigger input		5 mA at 12 V DC 10 mA at 24 V DC
Over temperature protection		Integrated
Dimensions H x W x D		Approx. 250 mm x 156 mm x 243 mm
Weight		Approx. 6.0 kg
Power losses at nominal current		186 W
Cooling		Forced convection Fan supply voltage <b>B</b> = 115 V AC or <b>C</b> = 230 V AC, 50/60 Hz
Protection class		IP10
Humidity		10 % - 95 % (without moisture condensation)
Max. altitude		1000 m above sea level Operation at a higher altitude is possible with reduced power
Min. ambient temperature		-10 °C
Max. ambient temperature		+45 °C (operation with nominal power) +65 °C (operation with reduced power)