



4.7 75 kVAr capacitive, 400 V

Type	3TA092H2-***18B-0*, 3TA092H2-***18C-0*	
Nominal power	at 45 °C at 25 °C	75 kVAr (capacitive) 97 kVAr (capacitive)
Nominal voltage		400 V (+/- 10 %)
Nominal current	at 45 °C at 25 °C	108 A 140 A
i^2t ($T_{vj} = 125$ °C; 8.3 ... 10 ms)		15000 A ² s
V_{RRM}, V_{DRM}		1800 V
Modules		2 x Thyristor-Diode
Discharge capacitors		CAUTION! It's not allowed to use discharge reactors! Using special discharging resistors with thyristor switches is mandatory! Please contact your capacitor manufacturer!
Recovery time		Typically 1 period
Switched phases		2, half controlled
Supply voltage		From power circuit (optional: external power supply)
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 217 mm
Weight		Approx. 5.6 kg
Power losses at nominal current		223 W
Cooling		Forced convection Fan supply voltage B = 115 V AC or C = 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)