



4.4 50 kVAr capacitive, 400 V

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| Type | 3TA092H2-**18X-0* | |
| Nominal power | at 45 °C at 25 °C | 50 kVAr (capacitive) 65 kVAr (capacitive) |
| Nominal voltage | | 400 V (+/- 10 %) |
| Nominal current | at 45 °C at 25 °C | 72 A 94 A |
| i^2t ($T_{vj} = 125\text{ °C}$; 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. 200 mm x 156 mm x 217 mm |
| Weight | | Approx. 5.1 kg |
| Power losses at nominal current | | 154 W |
| Cooling | | Natural convection |
| 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) |