

Active Harmonic Filter Merus - M500



Active Harmonic Filter M500



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|-----------------------|---|
| Nominal Voltage | 690V ± 10% |
| Nominal frequency | 50 / 60 Hz |
| Nominal Current | 400 A |
| Topology | Three (3) wire |
| Performance | up to 31th harmonic, ITHD reduction 95% (Note 1) |
| Response time | << 1 ms / 1 cycle (in selectable mode) |
| Switching frequency | 8 kHz |
| Controller | Real time digital controller |
| Operation modes | |
| Harmonic | ALL / ALL but no fn / Selectable |
| Voltage | Voltage and / or reactive power |
| HMI | |
| HMI operation panel | 3,5" touch screen Power quality monitoring and reporting functions |
| HMI Language | En / Ger / Spa / Chn / Ru |
| Communications | Ethernet / RS485, ModBus |
| Cooling media | Air |
| Power Losses | < 3% |
| Installation | Indoor, floor assembly |
| Cable entry | Bottom |
| Protection degree | IP 21 |
| Dimensions (WxDxH) | 1420 x 2000 x 1015 mm |
| Weight | 1160 kg |
| Color | RAL7035 |
| Dimension drawing No: | M866 |
| Standards | IEC |
| Ambient Temperature | 0...+40°C, without derating |
| Humidity | Maximum 95% RH; non-condensing |
| Altitude | 1000 m without derating |