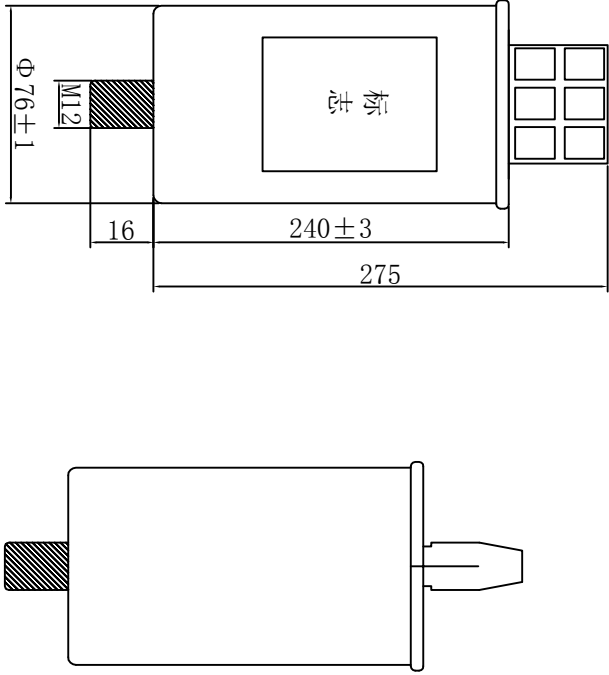
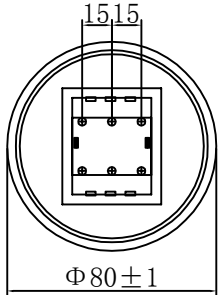




Max. Torque: 12Nm  
Star washer: J12.5 DIN6797  
Stud: BM12 DIN439



|                                           |                                                                                                                                                             |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Output Kvar                               | 7.5Kvar                                                                                                                                                     |
| Rated frequency                           | 50Hz                                                                                                                                                        |
| Rated voltage                             | 400Vac                                                                                                                                                      |
| Capacitance tolerance                     | 3*50uF -5%/+5%                                                                                                                                              |
| Electrical test V <sub>Tr</sub>           | 2.5×V <sub>R</sub> during 2s                                                                                                                                |
| Insulation V <sub>Tc</sub>                | 3000VAC/50Hz during 10s                                                                                                                                     |
| tan δ (50)                                | ≤1.0×10 <sup>3</sup>                                                                                                                                        |
| Protection degree                         | IP20                                                                                                                                                        |
| Max. permissible voltage V <sub>max</sub> | V <sub>R</sub> +10%(up to 8h daily)/V <sub>R</sub> +15%(up to 30min daily)/V <sub>R</sub> +20%(up to 5min daily)/V <sub>R</sub> +30%(up to 1min daily)      |
| Max. permissible current V <sub>max</sub> | UP to 1.3 • I <sub>R</sub> (A) (1.5 • I <sub>R</sub> including combined effects of harmonics, overvoltages and capacitance tolerance)                       |
| Surge current I <sub>s</sub>              | UP to 200 • I <sub>R</sub> (A)                                                                                                                              |
| Power dissipation                         | ≤0.2 W/kvar (dielectric) and ≤0.45 W/kvar (total)                                                                                                           |
| Temperature                               | -40/D, Max. 55°C                                                                                                                                            |
| Humidity                                  | Av. rel. <95%                                                                                                                                               |
| Maximum altitude                          | 4000m                                                                                                                                                       |
| Mean life expectancy                      | Up to 100 000 hours at temperature class -40/D                                                                                                              |
| Switching                                 | Max. 5000 switchings per year acc. to IEC 60831                                                                                                             |
| Mechanical safety                         | Overpressure disconnecter                                                                                                                                   |
| Max. short circuit current                | AFC:10kA according UL 810 standard                                                                                                                          |
| Discharge resistor                        | ≤60s to 75V or less                                                                                                                                         |
| Material                                  | Aluminium can and top                                                                                                                                       |
| Internal connection                       | Delta Connection                                                                                                                                            |
| Terminals                                 | SIGUT terminal, Max. Torque:2Nm<br>creepage distance: ≥12.7mm<br>clearance: ≥9.6mm(UL810)<br>Max. cable cross section:25mm <sup>2</sup><br>Max. current:50A |
| Impregnation                              | Non PCB, resin filling:soft polyurethane resin                                                                                                              |
| Fixing                                    | Threaded bolt M12                                                                                                                                           |
| Max. Torque (Al can stud)                 | 12Nm                                                                                                                                                        |