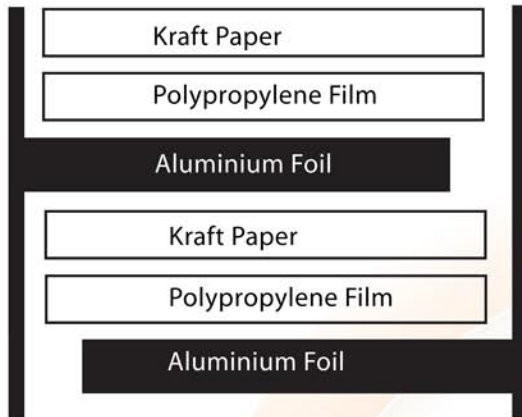


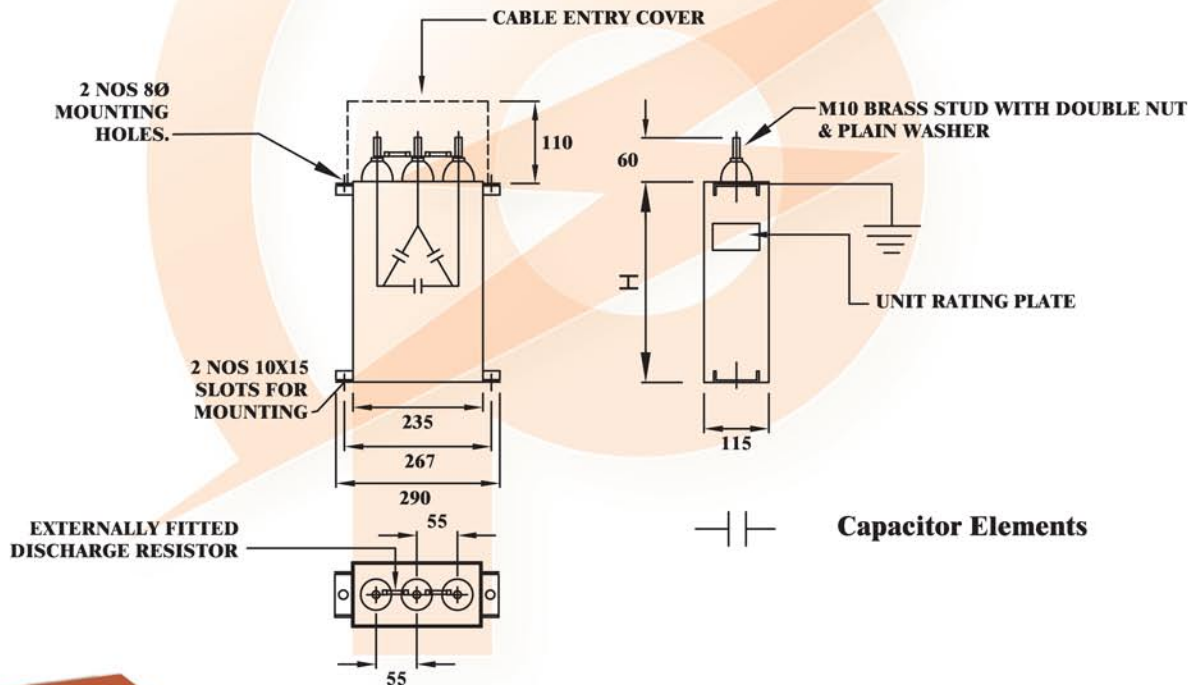
## 2. Mixed Di-electric LT Capacitor

Powercap capacitors in mixed dielectric construction incorporate the latest technology in the field of power capacitor. High quality imported raw materials like polypropylene film, aluminium foil and kraft tissue paper are used along with non PCB, non hazardous, non toxic, non flammable bio-degradable capacitor oil as the impregnant in order to ensure maximum efficiency, reliable performance and longer life span suitable for heavy duty applications .



### Technical Characteristics

|                    |                                                    |
|--------------------|----------------------------------------------------|
| Duty               | : Continuous Heavy Duty                            |
| Frequency          | : 50 Hz / 60 Hz                                    |
| Temp clars         | : -25/D (-25 + 55°C)                               |
| Capacitance Tol    | : -5° + 10%                                        |
| Dielectric losses  | : ≤ 1.5 W/kvar                                     |
| Max inrush current | : 100                                              |
| Case material      | : Mild Steel                                       |
| Fuse protection    | : Internal fuse                                    |
| Ref. Standard      | : IS 13585(Part-1-1998)<br>IEC 60931 (Part-1-1997) |
| Oil                | : Non-PCB                                          |
| Discharge Device   | : Provided ≤ 50 v in 1min                          |



| DETAILS FOR LOW VOLTAGE MIXED DIELECTRIC 3 PHASE DELTA CAPACITORS. |                  |                       |                  |                       |
|--------------------------------------------------------------------|------------------|-----------------------|------------------|-----------------------|
| KVAR                                                               | H FOR 415 V (mm) | WEIGHT (Kgs.) approx. | H FOR 440 V (mm) | WEIGHT (kgs.) approx. |
| 5                                                                  | 125              | 5.95                  | 120              | 5.82                  |
| 7.5                                                                | 170              | 7.95                  | 165              | 8.00                  |
| 10                                                                 | 210              | 9                     | 195              | 8.80                  |
| 12.5                                                               | 240              | 10.46                 | 220              | 10.18                 |
| 15                                                                 | 285              | 12.10                 | 260              | 11.78                 |
| 20                                                                 | 375              | 17.75                 | 360              | 17                    |
| 25                                                                 | 440              | 18.15                 | 390              | 17.80                 |
| 50                                                                 | 755              | 34                    | 720              | 33                    |