# **Square Body – Flush End Contact**

### 25-400A 690V (IEC)

|      | Electrical Characteristics   |                                     |                     |               |                     |                        | Ordering Information |             |          |
|------|------------------------------|-------------------------------------|---------------------|---------------|---------------------|------------------------|----------------------|-------------|----------|
| Size | Rated<br>Current<br>RMS-Amps | I <sup>2</sup> t (A <sup>2</sup> S) |                     |               | 00B/60              | 00BTN/60<br>Type T     |                      | Carton      |          |
|      |                              | Pre-arc                             | Clearing<br>at 660V | Watts<br>Loss | Visual<br>Indicator | Indicator<br>for Micro | Carton<br>Qty.       | Weight (kg) | BIF#     |
| 00   | 25                           | 19                                  | 130                 | 6             | 170M2708            | 170M2758               | 5                    | 1.35        |          |
|      | 32                           | 28.5                                | 195                 | 7             | 170M2709            | 170M2759               |                      |             |          |
|      | 40                           | 50                                  | 360                 | 9             | 170M2710            | 170M2760               |                      |             |          |
|      | 50                           | 95                                  | 640                 | 10            | 170M2711            | 170M2761               |                      |             |          |
|      | 63                           | 170                                 | 1200                | 12            | 170M2712            | 170M2762               |                      |             |          |
|      | 80                           | 310                                 | 2100                | 15            | 170M2713            | 170M2763               |                      |             |          |
|      | 100                          | 620                                 | 4150                | 20            | 170M2714            | 170M2764               |                      |             |          |
|      | 125                          | 1000                                | 6950                | 25            | 170M2715            | 170M2765               |                      |             | 17056312 |
|      | 160                          | 1900                                | 13000               | 30            | 170M2716            | 170M2766               |                      |             |          |
|      | 200                          | 3400                                | 23000               | 35            | 170M2717            | 170M2767               |                      |             |          |
|      | 250                          | 6250                                | 42000               | 45            | 170M2718            | 170M2768               |                      |             |          |
|      | 315                          | 10000                               | 68500               | 55            | 170M2719            | 170M2769               |                      |             |          |
|      | 350                          | 13500                               | 91500               | 60            | 170M2720            | 170M2770               |                      |             |          |
|      | 400                          | 18000                               | 125000              | 70            | 170M2721            | 170M2771               |                      |             |          |

- Interrupting rating 200kA (Estimated 300kA) RMS Symmetrical.
- Watts loss provided at rated current.
  Microswitch indicator ordered separately.

1 kg = 2.2 lbs. 1 lb = 0.45 kg

# **690V (IEC)** 25-400A

# **Electrical Characteristics**

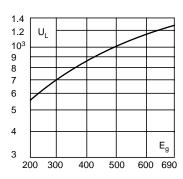
#### Total Clearing I2t

The total clearing  $l^2t$  at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing  $l^2t$  is found by multiplying by correction factor, K, given as a function of applied working voltage,  $E_{\alpha}$ , (RMS).

# 1.4 1.2 10<sup>3</sup> 9 8 7 6 5 4 3 200 300 400 500 600 690

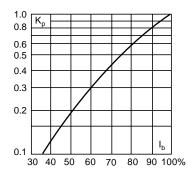
#### **Arc Voltage**

This curve gives the peak arc voltage,  $U_L$ , which may appear across the fuse during its operation as a function of the applied working voltage,  $E_g$ , (RMS) at a power factor of 15%.



#### **Power Losses**

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor,  $K_p,$  is given as a function of the RMS load current,  $I_b,$  in % of the rated current .

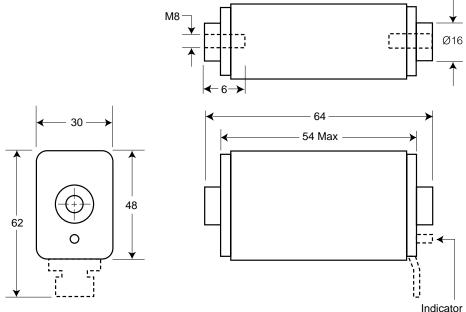


# **Dimensions**

Flush End Contact: Type 00B/60, 00BTN/60

Dimension in mm.

1mm = 0.0394" 1" = 25.4mm



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