

# ET-16 / 17 Indicating Lamps



ET-16 indicating lamp



ET-17 indicating lamp

## APPLICATION:

The ET-16 (Incandescent) and ET-17 (Neon) indicating lamps are designed for application on switch-board panels up to and including 0.25 inch thickness. The lamps economize on space and permit easy replacement of bulb and resistor.

## Features:

- 1 The simple "push-twist" type plug has been adopted for both the bulb and the resistor. This was accomplished by incorporating a bayonet base on both components.
- 2 Standard GE extra-long-life bulbs are specified for all lamps. The ET-16 uses GE Cat. No. 1819 for the 24 DC lamp and GE Cat. No. 1835 for the balance of the ratings. ET-17 uses GE Cat. No. B1A.
- 3 Terminals are readily available. They are designed for either AMP "FASTON" type connectors, solder, or screws.
- 4 Nine basic color caps designed for maximum visibility are available for ET-16: Translucent - red, green, yellow, white. Transparent - amber, red, green, blue, and clear. Amber, clear, and transparent red caps are offered for ET-17. (Note: Because of the special properties of neon, only these lenses are suitable.)
- 5 The ET-16 is also available for dim-bright applications.
- 6 UL Recognized...File # E53795

### ET-16 indicating lamp

| Circuit Voltage |     |     | Catalog Number<br>(Includes Lamp,<br>Color Cap, and<br>Resistor) Δ | Resistor<br>165A7844 |                | Bulb<br>GE Catalog<br>Number | Receptacle | Color<br>Cap | Out-<br>line |
|-----------------|-----|-----|--|----------------------|----------------|------------------------------|------------|--------------|--------------|
| Rated           | Min | Max |  | Part<br>Number       | Ohmic<br>Value |                              |            |              |              |
| 24 DC           | 22  | 28  | 116B6708G1   | 1                    | 10             | 1819                         | 116B6709G1 | See Table 1  | 0165A7859    |
| 48 DC           | 44  | 56  | 116B6708G2   | 2                    | 200            | 1835                         |            |              |              |
| 125 DC          | 110 | 140 | 116B6708G3   | 3                    | 2000           |                              |            |              |              |
| 250 DC          | 220 | 280 | 116B6708G4   | 4                    | 5100           |                              |            |              |              |
| 70 AC           | 55  | 76  | 116B6708G7   | 7                    | 750            |                              |            |              |              |
| 120 AC          | 95  | 130 | 116B6708G5   | 5                    | 1900           |                              |            |              |              |
| 130 AC          | 105 | 140 | 116B6708G8   | 13                   | 2300           |                              |            |              |              |
| 240 AC          | 195 | 260 | 116B6708G6   | 6                    | 4800           |                              |            |              |              |

### ET-16 For Dim-Bright Application

| Circuit Voltage |     |     | Catalog Number<br>(Includes Lamp,<br>Color Cap, and<br>Resistor) Δ | Resistor<br>165A9217 |                      | Bulb<br>GE Catalog<br>Number | Receptacle | Color<br>Cap | Out-<br>line |      |
|-----------------|-----|-----|--|----------------------|----------------------|------------------------------|------------|--------------|--------------|------|
| Rated           | Min | Max |  | Part<br>Number       | Resistance<br>(Ohms) |                              |            |              |              |      |
| 48 DC           | 44  | 56  | 127B8108G1   | 1                    | 450                  | 1835                         | 116B6709G3 | See Table 1  | 0165A9216    |      |
| 125 DC          | 110 | 140 | 127B8108G2   | 2                    | 2550                 |                              |            |              |              | 1700 |
| 250 DC          | 220 | 280 | 127B8108G3   | 3                    | 6000                 |                              |            |              |              | 4400 |
| 120 AC          | 95  | 130 | 127B8108G4   | 4                    | 2450                 |                              |            |              |              | 1600 |
| 240 AC          | 195 | 260 | 127B8108G5   | 5                    | 5700                 |                              |            |              |              | 4200 |

### ET-17 indicating lamp

| Voltage Range<br>AC/DC | Catalog Number<br>(Includes Lamp,<br>Color Cap, and<br>Resistor) ΔΔ | Resistor<br>165A7956 |                | Bulb<br>GE Catalog<br>Number | Receptacle | Color<br>Cap | Out-<br>line |
|------------------------|---|----------------------|----------------|------------------------------|------------|--------------|--------------|
|                        |   | Part<br>Number       | Ohmic<br>Value |                              |            |              |              |
| 110-139                | 116B6734G1  | 1                    | 220 K          | B1A                          | 116B6709G1 | See Table 2  | 0165A7955    |
| 140-219                | 116B6734G2  | 2                    | 560 K          |                              |            |              |              |
| 220-299                | 116B6734G3  | 3                    | 820 K          |                              |            |              |              |
| 300-374                | 116B6734G4  | 4                    | 1 Meg          |                              |            |              |              |
| 375-449                | 116B6734G5  | 5                    | 1.2 Meg        |                              |            |              |              |
| 450-600                | 116B6734G6  | 6                    | 1.6 Meg        |                              |            |              |              |

### DIMENSIONS - Subject to change. Should not be used for construction without approval

| Indicating Lamp<br>Assembly | Panel<br>(Metal up to 0.25 inches thick) |  | Dimensions in inches |      |
|-----------------------------|--|--|----------------------|------|
|                             | Drill Size (Inches)                      |  | A                    | C    |
| ET-16                       | 0.66                                     |  | 0.88                 | 2.63 |
| ET-16 Dim-bright            | 0.66                                     |  | 0.88                 | 3.63 |
| ET-17                       | 0.66                                     |  | 0.41                 | 2.19 |

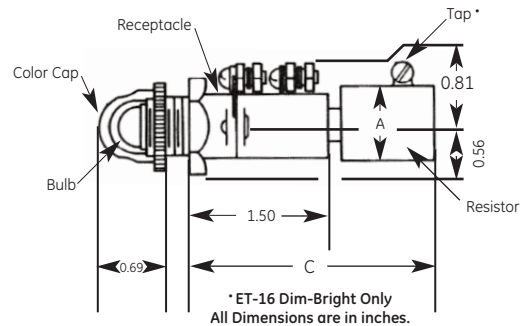


Table 1 (Color Cap for ET-16)

| Catalog Number<br>w/Color Cap | Color Cap |             |
|-------------------------------|-----------|-------------|
|                               | Color     | Cap Number  |
| 116B6708G*                    | None      | None        |
| 116B6708G*-C                  | Clear π   | 286A5443PC4 |
| 116B6708G*-R                  | Red Φ     | 286A5443PR5 |
| 116B6708G*-G                  | Green Φ   | 286A5443PG5 |
| 116B6708G*-Y                  | Yellow Φ  | 286A5443PY5 |
| 116B6708G*-W                  | White Φ   | 286A5443PW5 |
| 116B6708G*-M                  | Amber Φ   | 286A5443PA5 |
| 116B6708G*-B                  | Blue π    | 286A5443PB4 |
| 116B6708G*-A                  | Amber π   | 286A5443PA4 |
| 116B6708G*-D                  | Green π   | 286A5443PG4 |
| 116B6708G*-E                  | Red π     | 286A5443PR4 |
| 116B6708G*-S                  | Smoke π   | 286A5443PS4 |
| 116B6708G*-L                  | Yellow π  | 286A5443PY4 |

Table 2 (Color Cap for ET-17)

| Catalog Number | Color Cap |             |
|----------------|-----------|-------------|
|                | Color     | Cap Number  |
| 116B6734G*     | None      | None        |
| 116B6734G*-C   | Clear     | 286A5443PC4 |
| 116B6734G*-E   | Red π     | 286A5443PR4 |
| 116B6734G*-A   | Amber π   | 286A5443PA4 |

\* = Group Number Per Voltage Selected

π = Transparent

Φ = Translucent

### How To Order

Order by complete catalog number and specify color cap

Δ Must add cap color code suffix from Table 1 (ex. 116B6708G5-R for red translucent cap)

ΔΔ Must add cap color code suffix from Table 2 (ex. 116B6734G5-E for red transparent cap)

### North America / Worldwide

Toll Free + 1-800-547-8629 (NA Only)  
Tel: + 1-905-294-6222  
Fax: +1-905-201-2098  
email: gemultilin@ge.com

### Brazil

Tel: +55-11-3614-1700  
Fax: +55-11-3614-1799  
email: gemultilin@ge.com

### Asia

Tel: +86-21-2401-3208  
Fax: +86-21-5423-5080  
email: gemultilin@ge.com

### Europe / Middle East / Africa

Tel: +34-94-485-88-00  
Fax: +34-94-485-88-35  
email: gemultilin.euro@ge.com

### India

Tel: +91 80 41314617  
+91 99 45478935



imagination at work

Please refer to our website [GEDigitalEnergy.com/ITI](http://GEDigitalEnergy.com/ITI) for complete product offering

CS00A47376 Rev. 09/13