

ET-16/17

Indicating Lamps

APPLICATION ET-16, ET-17

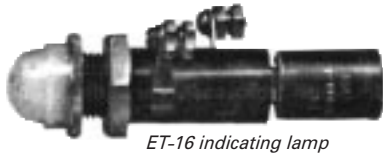
The ET-16 (Incandescent) and ET-17 (Neon) indicating lamps are designed for application on switchboard panels up to and including 1/4-inch thickness. The lamps economize on space and permit easy replacement of bulb and resistor.

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

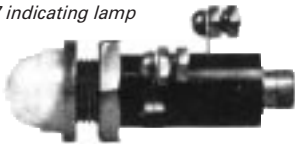
Cat. No. 1835 for the balance of the ratings. ET-17 uses GE Cat. No. BIA..

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 dimbright applications.



ET-16 indicating lamp

ET-17 indicating lamp



ET-16—INDICATING LAMP

| Circuit Voltage | | | Cat. No. (Includes Lamp, Color Cap, and Resistor) | Resistor— 0165A7844 | | Bulb GE Cat. No. | Receptacle | Color Cap | Out line |
|-----------------|---------|---------|--|------------------------|----------------|------------------------|-------------|------------------------------------|-------------|
| Rated | Minimum | Maximum | | Part No. | Ohmic Value | | | | |
| 24 Dc | 22 | 28 | 011686708G1 | 1 | 10 | 1819 | 011686709G1 | See Order- ing Table 1 | 0165A7859 |
| 48 Dc | 44 | 56 | 011686708G2 | 2 | 200 | | | | |
| 125 Dc | 110 | 140 | 011686708G3 | 3 | 2000 | | | | |
| 250 Dc | 220 | 280 | 011686708G4 | 4 | 5100 | 1835 | 011686709G1 | See Order- ing Table 1 | 0165A7859 |
| 70 Ac | 55 | 76 | 011686708G7 | 7 | 750 | | | | |
| 120 Ac | 95 | 130 | 011686708G5 | 5 | 1900 | | | | |
| 130 Ac | 105 | 140 | 011686708G8 | 13 | 2300 | | | | |
| 240 Ac | 195 | 260 | 011686708G6 | 6 | 4800 | | | | |

ET-16—FOR DIM-BRIGHT APPLICATION

| Circuit Voltage | | | Cat. No. (Includes Lamp, Color Cap, and Resistor) | Resistor— 0165A9217 | | Bulb GE Cat. No. | Receptacle | Color Cap | Out line |
|-----------------|---------|---------|--|------------------------|---------------------|------------------------|-------------|------------------------------------|-------------|
| Rated | Minimum | Maximum | | Part No. | Resistance- Ohms | | | | |
| | | | | | Total | Tap | | | |
| 48 Dc | 44 | 56 | 012788108G1 | 1 | 450 | 50 | 011686709G3 | See Order- ing Table 1 | 0165A9216 |
| 125 Dc | 110 | 140 | 012788108G2 | 2 | 2550 | 1700 | | | |
| 250 Dc | 220 | 280 | 012788108G3 | 3 | 6000 | 4400 | | | |
| 120 Ac | 95 | 130 | 012788108G4 | 4 | 2450 | 1600 | | | |
| 240 Ac | 195 | 260 | 012788108G5 | 5 | 5700 | 4200 | | | |

ET-17—INDICATING LAMP

| Voltage Range Ac/Dc | Cat. No. (Includes Lamp, Color Cap, and Resistor) | Resistor— 0165A7956 | | Bulb GE Cat. No. | Receptacle | Color Cap | Out- line |
|---------------------------|--|------------------------|----------------|------------------------|-------------|------------------------------------|--------------|
| | | Part No. | Ohmic Value | | | | |
| 110-139 | 011686734G1 | 1 | 220 K | BIA | 011686709G1 | See Order- ing Table 2 | 0165A7955 |
| 140-219 | 011686734G2 | 2 | 560 K | | | | |
| 220-299 | 011686734G3 | 3 | 820 K | | | | |
| 300-374 | 011686734G4 | 4 | 1 Meg | | | | |
| 375-449 | 011686734G5 | 5 | 1.2 Meg | | | | |
| 450-600 | 011686734G6 | 6 | 1.6 Meg | | | | |

§ The price for quantities of 25 or more applies to any combination of ET-16 and 17 lamps.
¶ Recognized under the Component Program of Underwriters' Laboratories, Inc.

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

| Indicating Lamp Combination Type | Panel | | Dimensions in Inches | | |
|--|-------------------------------|----------------|--------------------------------|-------------------------------|--------------------------------|
| | Type | Drilling | A | B | C |
| ET-16 | Metal, up to 1/4-in. thick | 21/32-in. hole | 7/8 | ... | 2 ⁵ / ₈ |
| ET-16 Dim Bright | Metal, up to 1/4 in. thick | 21/32-in. hole | 7/8 | 1 ¹ / ₈ | 3 ⁵ / ₈ |
| ET-17 | Metal, up to 1/4 in. thick | 21/32-in. hole | 1 ³ / ₃₂ | ... | 2 ⁵ / ₁₆ |

(Photo 1185876)

ET-17 indicating lamp

ORDERING TABLE 1—Color Cap

| Cat. No. | Color Cap | |
|-------------|-----------|-------------|
| | Color | Cap No. |
| 116B6708G* | None | None |
| 116B6708G°C | Clear π | 286A5443PC4 |
| 116B6708G°R | Red φ | 286A5443PR5 |
| 116B6708G°Y | Green φ | 286A5443PG5 |
| 116B6708G°W | White φ | 286A5443PY5 |
| 116B6708G°M | Amber φ | 286A5443PA5 |
| 116B6708G°B | Blue π | 286A5443PB4 |
| 116B6708G°A | Amber π | 286A5443PA4 |
| 116B6708G°E | Green π | 286A5443PG4 |
| 116B6708G°S | Smoke π | 286A5443PR4 |
| 116B6708G°L | Yellow π | 286A5443PY4 |

NOTE:

When ordering red or green lens for ET-16 lamps, transparent caps will be provided unless customer specifies translucent.

ORDERING TABLE 2—Color Cap

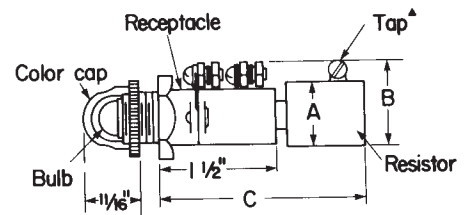
| Cat. No. | Color Cap | |
|-------------|-----------|-------------|
| | Color | Cap No. |
| 116B6734G* | None | None |
| 116B6734G°C | Clear | 286A5443PC4 |
| 116B6734G°E | Red π | 286A5443PR4 |
| 116B6734G°A | Amber π | 286A5443PA4 |

* = Group No. per Voltage Selected:

π Transparent
φ Translucent

HOW TO ORDER

Order by complete Cat. No. and specify color cap.



▲ ET-16 Dim-Bright only