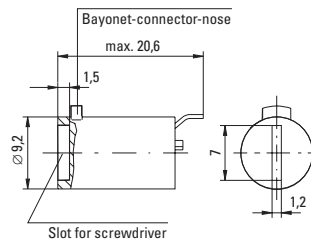


# Cap / No. 835



Flush Mount Type



## Specifications

### Standard

IEC 60127-6  
UL 512  
CSA C22.2. No.39

### Approvals (only 820/835)

VDE: License No. 132225  
SEMKO: Certificate No. 9942054  
UL Recognized: File No. E 70164  
CSA Certified: File No. 47574



### Mounting

12.7mm diameter D-hole or double D-hole  
Admissible torque on plastic hex nut is 1.2Nm

### Terminals

Solderable or 4.8mm quick connect-fits 0.5mm tab

### Protection Class & Category

IP 40 (IEC 60529)  
PC2 (IEC 60127-6)

### Materials

Holder/Cap: Black Thermoplastic  
Polyamide PA 6.6, UL 94 V-0  
Metal Parts: Copper alloy,  
corrosion protected  
Terminals: Solderable, tinned

### Electrical Data (23°C)

Rated Voltage: 250V  
Rated Current: 6.3A (VDE/SEMKO)  
16A (UL/CSA)  
Rated Power: 4W (SEMKO)

### Operating Temperature

-25°C to +70°C (consider de-rating)

### Climatic Test

-25°C/+70°C/21 days (IEC 60068-2-1...3)

### Stock Conditions

+10°C to +60°C  
relative humidity ≤ 75% yearly average,  
without dew, maximum value for 30 days - 95%

### Vibration Resistance

24 cycles at 15 min. each (IEC 60068-2-6)  
10 - 60Hz at 0.75mm amplitude  
60 - 2000Hz at 10g acceleration

### Contact Resistance

≤ 5mΩ

### Dielectric Strength

> 1.5 kV

### Impulse Voltage

4 kV, 50 Hz, 1 min., dry

### Insulation Resistance

> 10<sup>3</sup> MΩ (500 VDC, 1 min.)

### Solderability

235°C, 3 sec. (Wave)  
350°C, 1 sec. (Soldering Iron)

### Soldering Heat Resistance

260°C, 5 sec. (IEC 60068-2-20)

### Minimum Cross Section

Conductor - 2.5mm<sup>2</sup>

### Marking

820, 250V, Approvals

### Unit Weight

4.0g (Holder) / 1.6g (835) / 2.2g (837)