

| Part No. | UL/cUL | VDE | CCC | PSE | T _F (°C) | T _H (°C) |
|----------|--------|-----|-----|-----|---------------------|---------------------|
| DF50S | - | - | - | O | 50 | 30 |
| DF57S | - | - | - | O | 57 | 37 |
| DF66S | O | O | O | O | 66 | 42 |
| DF72S | O | O | O | O | 72 | 50 |
| DF77S | O | O | O | O | 77 | 55 |
| DF84S | O | O | O | O | 84 | 60 |
| DF91S | O | O | O | O | 91 | 67 |
| DF98S | O | O | O | O | 96 | 76 |
| DF100S | O | O | O | O | 100 | 78 |
| DF104S | O | O | O | O | 104 | 80 |
| DF110S | O | O | O | O | 110 | 86 |
| DF115S | - | - | - | O | 115 | 95 |
| DF119S | O | O | O | O | 119 | 95 |
| DF121S | - | - | - | O | 121 | 95 |
| DF128S | O | O | O | O | 128 | 106 |
| DF133S | - | - | - | O | 133 | 117 |
| DF139S | O | - | - | O | 139 | 117 |
| DF141S | O | O | O | O | 141 | 117 |
| DF144S | O | O | O | O | 144 | 120 |
| DF152S | O | O | O | O | 152 | 128 |
| DF167S | O | O | O | O | 167 | 142 |
| DF169S | - | - | - | O | 169 | 145 |
| DF170S | O | O | O | O | 170 | 146 |
| DF179S | - | - | - | O | 179 | 155 |
| DF184S | O | O | O | O | 184 | 160 |
| DF192S | O | O | O | O | 192 | 162 |
| DF198S | - | - | - | O | 198 | 162 |
| DF205S | - | - | - | O | 205 | 181 |
| DF216S | - | O | O | O | 216 | 191 |
| DF222S | - | - | - | O | 222 | 195 |
| DF228S | O | O | O | O | 228 | 193 |
| DF240S | O | O | O | O | 240 | 200 |
| DF260S | - | - | - | - | 260 | 220 |
| DF280S | - | - | - | - | 280 | 230 |

| Rated Voltage & Current Max. | |
|------------------------------|----------|
| EK | 250V/15A |
| UL/cUL | 125V/15A |
| | 250V/10A |
| | 250V/16A |
| VDE | 250V/15A |
| PSE | 125V/15A |
| | 250V/15A |
| CCC | 250V/15A |

Before fusing off



After fusing off

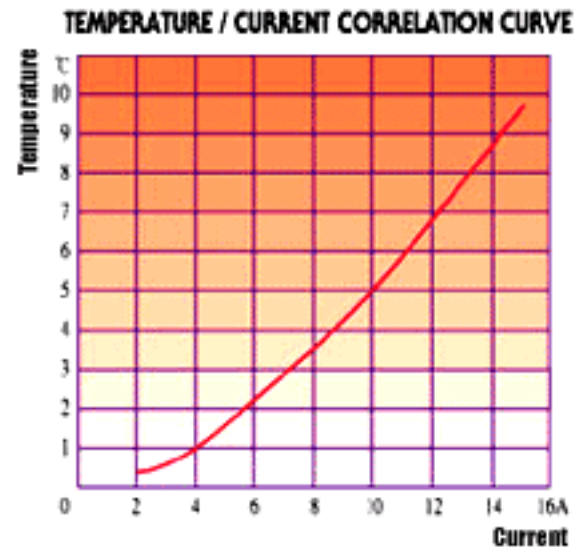


| | |
|-----------------------|-------------|
| O | APPROVED |
| - | ON APPLYING |
| TOLERANCE: +0°C, -5°C | |

T_F = Functioning Temperature T_H = Holding Temperature

➤ DETERMINE THE PROPER SERIES

- **T_p** : The highest temperature of the product to which a cutoff is to be attached.
- **T_h** : The safe temperature range for use of the cutoff.
- **T_s** : 24°C (T_p-T_h) (Apply 35°C for T_s value when T_p is higher than 170°C.)
- **T_o** : The heating temperature caused by electrical load (Please refer temperature / current correlation curve)
- **+a** :
 1. Self heating of lead wire
 2. Structure of ventilation or airtightness
 3. Location of connecting terminal
 4. Thickness of insulated covering material
 5. Best condition value considering electric voltage changes



T_p + T_s + T_o + a = Applicable Temperature

➤ SAFE TEMPERATURE RANGE

- The increasing temperature by remaining heat in the cutoff after melting is required to remain below T_m.
- The temperature of the area where a cutoff will be attached should not reach over T_h under normal usage conditions.

