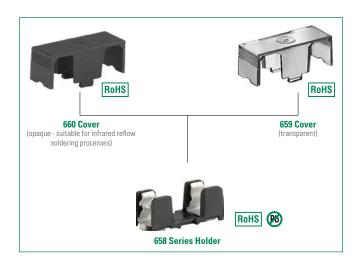
# **Cartridge Fuse Blocks**

Fuse Block > 658 Series

# 658 Series Molded Base Surface Mount Fuse Block For 5×20mm Fuses





## **Agency Approval**

Agency	Agency File Number
VDE	40001499
c <b>FL</b> °us	E70164*

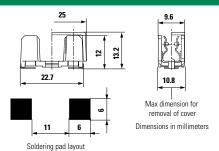
<sup>\*</sup>See Ordering Info

## **Product Characteristics**

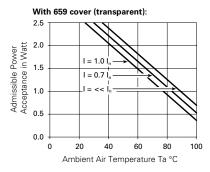
Compatible Fuse	5×20 mm
Materials	Clip Frame: 65800001xxx: UL94 V-0 Black Thermoplastic 65800003xxx: UL94 V-0 Black LCP 65800004xxx: UL94 V-0 Black LCP
Matchas	Clip Terminals: 65800001xxx: Tin (Sn) plated copper alloy 65800003xxx: Tin (Sn) plated copper alloy 65800004xxx: Gold (Au) plated copper alloy
	Rated Voltage: 250 Vac (VDE); 250 Vac/dc (UL/CSA)
	Rated Current: 10A
Electrical Data	Rated Power Acceptance (at ambient air temp 23°C): - 4W without cover - 4W with 660 cover - 2.5W with 659 cover
Mounting	SMT. Reflow soldering
Operating Temperature	-40°C to +85°C
Stock Conditions	0°C to +60°C, max 70% Relative humidity
Vibration Resistance	According to IEC 60068-2-6, test Fc
Contact Resistance	$< 5~\text{m}\Omega$ at 20 mV
Dielectric Strength	> 3kV, 50 Hz, 1 min.
Impulse withstand Voltage	> 4 kV between L-N
Insulation Resistance	(500 V DC/1 min): >10 MΩ
Solderability	245 - 260°C / max. 30 sec. acc. to JEDEC J-STD-020D
Soldering Profile	JEDEC J-STD-020C: - 65800001xxx: 245(+0/-5)°C / 30 sec max 65800003xxx: 260(+0/-5)°C / 30 sec max 65800004xxx: 260(+0/-5)°C / 30 sec max.

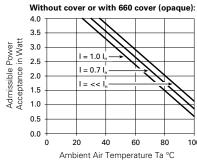
Note: If used with covers, refer to Fuseology for information on proper fuse block re-rating.

#### **Dimensions**



## **Re-Rating Curves**

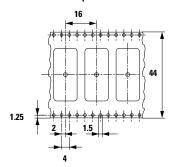




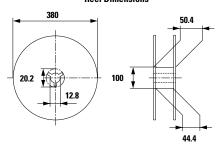
# **Cartridge Fuse Blocks**

#### Packaging Dimensions (milimeter)

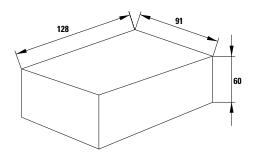
#### **Tape Dimensions**



#### **Reel Dimensions**



#### **Ammo Pack Dimensions**



### **Ordering Information**

65800001009	Fuse Holder - Thermoplastic / Tin terminals (100 pcs bulk)	
65800001109	Fuse Holder -Thermoplastic /Tin terminals (400 pcs tape & reel)	
65800003009*	Fuse Holder - LCP plastic / Tin terminals (100 pcs bulk)	
65800003109*	Fuse Holder - LCP plastic / Tin terminals (400 pcs tape & reel)	
65800004009*	Fuse Holder - LCP plastic / Gold terminals (100 pcs bulk)	
65800004109*	Fuse Holder - LCP plastic / Gold terminals (400 pcs tape & reel)	
65900001009	<b>D0001009</b> Fuse Holder Cover - Transparent plastic (100 pcs bulk)	
6600001009	Fuse Holder Cover - Opaque plastic, suitable for infrared (IR) reflow soldering processes (100 pcs bulk)	

<sup>\*</sup> Not UL Recognized or CSA.

#### **Additional Information**



Datasheet 658 Series

659 Series

660 Series



Resources 658 Series



Resources 659 Series



Resources 660 Series



Samples 658 Series



Samples 659 Series



Samples 660 Series