Fuse Holders Datasheet

## 820/821/823/824 Series Panel Mount Enclosed Fuseholders





### **Dimensions 820**



821 Series



823 Series



#### 824 Series



#### 837 Cap



**TP** 

**Additional Information** 

Resources 820 Series



Resources 821 Series



Resources 823 Series



Resources 824 Series

11-



Accessories

Accessories 823 Series



Accessories 824 Series







Samples 820 Series

824 20 Series Holder



Samples 821 Series



Samples 823 Series



Samples 824 Series



835 Cap ot for screwdriver

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Bayonet-conn

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# 820/821/823/824 Series Panel Mount Enclosed Fuseholders

Product	Characteristics

		FIC	ouct Characterist	.105					
	820 Series	820 20 Series	821 Series	823 Series	824 Series	824 20 Series			
Compatible Fuses	<u>5×20mm</u>								
	Holder/Cap: Black Thermoplastic UL 94 V-0	Holder/Cap: White Thermoplastic PBT, UL94 V-0 Nut:Thermoplastics, black, UL94 V-0	Holder/Cap: Thermoplastic black, UL94 V-0	Holder/Cap: Black Thermoplastic UL94 V-0	Holder/Cap: Thermoplastic UL 94V-0, black	Holder/Cap: Thermoplastic UL94 V-0, white			
Materials	Metal Parts: Copper alloy, corrosion protected								
				Clamp Spring: Spring steel, non-treated					
	Terminals: Solderable, tinned								
	Rated Voltage: 250V								
	Rated Current: 6.3	3A (VDE) 16A (UL/CSA)							
Electrical Data (23°C)	Rated Power: 2.5 W (VDE)	Rated Power: 2.5 W (VDE)	Rated Power: 2.5 W (VDE)	Rated Power: 4 W (VDE)		Rated Power: 4 W			
Mounting	Admissible torque on plastic hex nut is Dhol 1.2Nm (pane Admi		12.7mm diameter D-hole or double D-hole (panel 1mm - 4.5mm) Admissible torque on plastic hex nut is 1.2Nm	Pluggable with clamping spring into 12.7mm diameter D-hole (panel thickness 0.75mm-3mm)	ng into eter thickness				
Terminals	Solderable or 4.8m	nm quick connect-fits 0.5	mm tab						
Protection Category	IP 40 (IEC 60529) PC2 (IEC 60127-6)								
Operating Temperature	-25°C to +70°C								
Climatic Test	-25 °C/+70 °C/21 days (IEC 60068-2-13)								
Stock Conditions	+10°C to +60°C relative humidity $\leq$ 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	4kV, 50Hz, 1min, dry 4kV with 1,2µs/50µs 4kV, 50Hz, 1 min., dry								
Insulation Resistance	> 10 <sup>3</sup> MΩ (500 VD0	C, 1 min.)							
Solderability	235°C, 3 sec (Wave) 350°C, 1 sec. (Solder Iron)	c. 350°C, 3 sec. (Solder Iron) (IEC 60068-2-20)		235°C, 3 sec. (Wave) 350°C, 1 sec. (Soldering Iron)					
Soldering Heat Resist	260°C, 5 sec. (IEC 60068-2-20)								
Min. Cross Section	Conductor - 2.5mm <sup>2</sup>								
Marking	820, 250 V, Approvals 821, 250V, Approvals			823, 250V, Approvals 824, 250V, Approvals					
Unit Weight	4.0g (Holder) / 1.6g (835) / 2.2g (837)	4.0 g (820) / 1.6 g (835)	4.0g (821) / 1.6g (835) / 2.2g (837)	3.8g (Holder) / 1.6g (835) / 2.2g (837)	3.3g (824) / 1.6g (835) / 2.2g (837)	3.3g (824) / 1.6g (835) / 2.2g (837)			

**Agency Approval** 

Agency	Agency File Number							
DE	132225	125183	135536	122096	122098	-		
c <b>FN</b> us	E 70164	E70164	E70164	E 70164	E70164	-		
() ()	47574	47574	47574	47574	47574	-		
Ordering Information								
Ordering Number: Holders	8200000005	8200000205	8210000005	8230000005	82400000005	82400000205		
Ordering Number: Caps         Flush Mount Type: 8350000005 / 83500000205           Finger Grip Type 8370000005								
Packaging	Bulk 100 Pcs all items listed above							

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