









## Selector Chart For Fuseholders

Panel Mount					
<b>Series / page</b>	<b>FPG / 74</b>	<b>FPG / 76</b>	<b>FPG / 77</b>	<b>FBS / 86</b>	<b>FEU / 80</b>
Panel mount	•	•	• rear mount	•	•
Solder/quick terminals	•	•	•	•	•
Solder terminals					•
Holds 5x20mm fuse	•	•	•	•	
Holds 5x20mm or 1/4 x 1 1/4" fuse					•

Finger grip or slotted fuse carriers available for most styles – ordered separately. Watertight and medical grade versions available.

Panel and Pcb Mount					
<b>Series / page</b>	<b>FIZ, FUL / 82</b>	<b>FPG / 84</b>	<b>FPG, FBS / 83</b>	<b>FAC / 85</b>	<b>FAU / 85</b>
Panel mount	•				
Pcb mount		•	•	•	•
Quick terminals	•				
Holds 5x20mm fuse	•	•	•		
Holds 5x20mm or 1/4 x 1 1/4" fuse	•			•	•

Finger grip or slotted fuse carriers available for most styles – ordered separately. Watertight and medical grade versions available.

Pcb Mount Blocks and Clips					
<b>Series / page</b>	<b>OMH / 87</b>	<b>OG, OGN, OGD / 88</b>	<b>UH, UHB, RSH / 89</b>	<b>OG / 91-92</b>	<b>FMS, FMR / 90</b>
Surface mount	•	•			
Through-hole mount		•	•	•	•
Screw mount			•		
Holds SMT fuse	•				
Holds 5x20mm fuse		•	•	•	
Holds 5x20mm or 1/4 x 1 1/4" fuse		•	•	•	for series MSF 125V microfuse

## About Shock Safety for Fuseholders and Power Entry Modules

### Miniature Fuses

Miniature Fuses are protective devices for electrically powered apparatus, small motors, measuring instruments, semiconductors, or assembled circuits. They protect against damage and destruction as a result of unacceptable current loads and short circuits. According to VDE 0820 and IEC 257, miniature fuses consist of a fuseholder, a fuse, and possibly a bayonet-type cap (fuse carrier). A distinction is made between open and closed types. The particular advantage of the closed designs is that there is less risk of electrical shock both in normal use and while changing the fuse.

### Extra-safe handling with Schurter power entry modules

Protection against contact with live parts is an important aspect when dealing with electrical connecting devices. Both your customers and your servicing engineers will appreciate the greatest possible protection against accidental contact with live parts—something which can easily happen as a result of inappropriate use, or during servicing or repair work. In particular, our "shock-safe," "extra-safe fuse-drawers" and "protective covers" precautions are effective ways of protecting against accidental contact when using the power entry modules.

### Explanations, thermal requirements, selection criteria

#### 1. Protection against electric shock (against direct contact with live parts) for fuseholders

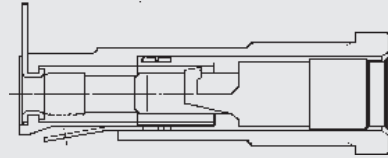
The assessment of the protection against electric shock assumes that the fuseholder is properly assembled, installed and operated as in normal use, e.g., on the front panel of the equipment.

IEC 60127-6 and EN 60127-6 divides into three categories:

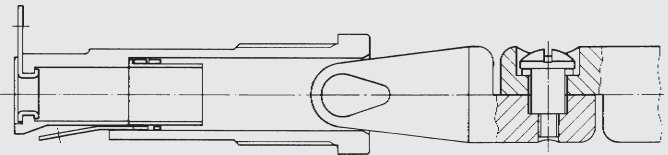
Category	Features
PC1	<b>Fuseholders without integral protection against electric shock.</b> They are only suitable for applications where corresponding additional means are provided to protect against electric shock.
PC2	<b>Fuseholders with integral protection against electric shock</b> Live part is not accessible: - when the fuseholder is closed - after the fuse carrier (incl. fuse) has been removed - either during insertion or removal of the fuse carrier (inc. fuse) Compliance is checked by using the standard test finger specified in IEC 60529.
PC3	<b>Fuseholder with enhanced integral protection against electric shock</b> The requirements for this category are the same as those for category PC2, with the exception that the testing is carried out with a rigid test wire of 1 mm diameter according to IEC 60529, table VI, instead of the standard test finger.

#### Remarks on PC2

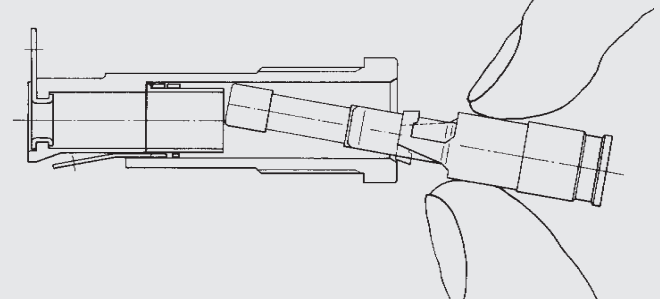
a) Closed fuseholder



b) When the fuse carrier is removed, no live parts can be touched.



c) During insertion or removal of a fuse, no live parts can be touched, neither through the fuse nor the fuse carrier.



#### Remarks on PC3

