

Applications	Applications Power	Technology	Standard	150V	200V	250V	300V	400V	440V	450V	500V	550V	600V	650V	660V	690V 700V	750V	800V	850V	900V	950V	1000V	1010V		
UPS * Motor Control * Switching Mode Power Supply	Up to 1kW Using mainly TRIAC IGBT DIODES	CP	US	1A to 60A			1A to 60A				1A to 60A		.1A to 40A			1A to 100A						5A to 60A			
		CP	FR								1A to 30A		.1A to 250A		1A to 200A	1A to 100A		8A to 110A					32A to 170A		
		CP	DIN														12A to 100A								
		CP	BS				5A to 1050A									5A to 800A	12A to 100A								
		PSC low inductance	BS								250A to 315A	200A to 400A		16A to 160A		20A to 500A									
		C1	US		50A to 6000A			70A to 4500A				35A to 1600A		70A to 300A			35A to 2000A							35A to 2000A	
UPS * Motor Control * Drives * Rectifier	Between 1kW to 100kW using mainly THYRISTORS IGBT DIODES	PSC regular	DIN								350A to 400A		450A to 1600A		20A to 1400A	16A to 1000A					1000A to 1100A		630A to 900A	3000A to 8000A	
		PSC regular	FR					4500A to 4000A		1800A to 2500A	1400A to 4000A	1250A to 3200A	1100A to 2800A		63A to 1800A	50A to 1000A					1000A to 2500A	2200A to 2000A	630A to 2000A	3000A to 18000A	
		PSC regular	US								1800A to 2500A	1400A to 2250A	1250A to 2000A	1100A to 2800A		63A to 2000A					1400A to 1400A		1000A to 1250A	8000A to 10000A	
UPS * Drives * Rectifiers * Traction * High Voltage Distribution * Cycloconverter	Up to 10 MW using mainly Diodes GTO THYRISTORS	PSC LR	FR	2500A to 3750A	1600A to 2200A		2000A to 3200A	550A to 5000A			2500A to 1000A	2000A to 8500A	3600A to 8400A	4800A	3200A to 6400A	2500A to 8400A	1200A to 4500A	3400A to 7400A	1750A to 6400A	1800A to 3350A	1500A to 7200A	1400A to 5500A	12000A to 64000A		
		PSC HV	SP																						
Inverter - UPS with laminated BusBar	Up to 10 MW using mainly IGBT and IGCT	Flat Pack	SP																		450A to 500A		200A to 400A		
Traction - Auxiliary	DC application	C1	SP														5A to 1000A						15A to 1000A		
		CP (end Cap)							2A to 160A							.8A to 110A								1A to 100A	
		PSC (Square)														800A to 1600A		50A to 1500A							
		PSC & Flat Pack																							

Technology

Defined by the fuse size, shape and type of termination.
 CP: Cylindrical fuses with a cap crimped to the body. The body can be ceramic or GMG (Glass Melamine Glass). The electrical contacts can be bladed or non bladed style.
 C1: Cylindrical fuses made with a GMG body. The electrical contact, bladed or non bladed, is a pinned terminal assembly.
 PSC: Square ceramic fuses. The terminals are screwed to the body. Various types exist within the PSC technology: regular, low

inductance, LR (Large Rectifier) and HV (High Voltage).
 Flat pack: Rectangular ceramic fuses presenting a very low inductance and excellent high frequency performance.

Standards:

Semiconductor fuses are not governed by standards at this time however soon IEC 269-4 will be implemented. Manufacturers have developed semiconductor fuse types in response to regional practices and market needs. The mechanical connections represented by

00V	150V	1250V	1300V	1350V	1450V	1500V	1550V	1600V	1700V	1750V	1800V	1900V	2000V	2100V	2200V	2300V	2400V	2500V	3000V	3200V	3400V	3500V	3600V	3800V	4000V	4200V	6000V	7200V
	.5A to 30A					15A to 30A																						
	45A to 800A					35A to 800A																						
50A to 100A	280A to 700A	63A to 630A											100A to 1250A							20A to 1400A								
50A to 100A	280A to 900A	63A to 1250A											100A to 1250A							20A to 1400A								
100A to 100A	350A to 800A		63A to 900A																									
50A to 100A	1000A to 4600A	800A to 4200A	900A to 2500A	1250A to 3800A	900A to 2100A	630A to 1300A	2800A to 3100A	1100A to 4100A	900A to 1900A		525A to 1700A	1400A to 1500A	800A	750A to 1600A	1100A	850A	630A to 900A	1000A	900A to 2000A	800A to 1500A	500A to 1500A	1250A	400A to 1000A					
						100A to 1500A							100A to 1250A						80A to 700A							10A to 700A		
	80A to 160A												160A to 250A	80A to 125A													225A to 950A	
						.8A to 100A							.8A to 40A												.8A to 20A			
	20A to 420A									6A to 16A			20A to 400A													20A to 280A	50A to 375A	

the standards shown in this leaflet follow these regional practices. The following are general descriptions of these standard practices.
 US: North American Standards. Ferrule, round or square fuses with closed slot blades or end contacts with UNC threaded holes.
 FR: French Standards. Ferrule and square fuses with opened slot blades or end contacts with metric threaded holes.
 Din: German Standards. Round and square fuses with brackets according to DIN43620 and DIN 43653.
 BS: British Standards: Round and square fuses with brackets accor-

ding to BS 88-4 standard.
 SP: Special Purpose fuses such as DC fuses. Mounting arrangements are determined by applications requirements.
Third party approval/conformity:
 All fuses are tested to comply with IEC or UL standards.