

FV20C

- ◆Category IEC / EN / VDE: Class II / Type 2 / C.
- ◆Location of use: Sub-distribution boards.
- ◆Connections: TN, TT, IT
- ◆Protective elements: L-PE: MOV, N-PE: GDT
- ◆High surge discharge rating: $I_{max}=40kA$.
- ◆Complies with: IEC/EN61643-11:2011



Model NO.	FV20C/*-150S	FV20C/*-275S	FV20C/*-320S	FV20C/*-385S	FV20C/*-440S	FV20C/NPE
Test Class According to IEC/EN61643-11	Class II					
Type of Network	TT, TN, IT					TT
Nominal Voltage 50(60)Hz U_N	120V	230V	230V	380V	400V	220V
Max Cont Operating Voltage U_c	150V	275V	320V	385V	440V	255V
Maximum Discharge Current(8/20 μ s) I_{max}	40KA					40KA
Nominal Discharge Current (8/20 μ s) I_n	20KA					20KA
Voltage Protective Level U_p	<1.0kV	<1.3kV	<1.5kV	<1.8kV	<2.0kV	<1.5kV
Response Time t_A	<25ns					<100ns
Recommended Back-up Fuse	125A					—
Isolation Resistance	>10 ² M Ω					
I/O Connections	Multi-strand 4~25mm ² , Single-strand: 4~35mm ²					
Mounting	35mm, Symmetrical rail(EN50022/DIN46277-3)					
Operation Temperature Range	-40 $^{\circ}$ C~+85 $^{\circ}$ C					
Degree of Protection	IP20					
Housing Material	UL94V0					
Disconnection Indicator	Mechanical indicator					
Remote Control Contact	Optional					

Remark: "*" refers to number of poles, 1,2,3,4

