

# 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 $\mu$ s) $I_{max}$	40KA					40KA
Nominal Discharge Current (8/20 $\mu$ s) $I_n$	20KA					20KA
Voltage Protective Level $U_p$	$\leq 1.0kV$	$\leq 1.3kV$	$\leq 1.5kV$	$\leq 1.8kV$	$\leq 2.0kV$	$\leq 1.5kV$
Response Time $t_A$	$\leq 25ns$					$\leq 100ns$
Recommended Back-up Fuse	125A					—
Isolation Resistance	$> 10^2 M\Omega$					
I/O Connections	Multi-strand 4~25mm <sup>2</sup> , Single-strand: 4~35mm <sup>2</sup>					
Mounting	35mm, Symmetrical rail(EN50022/DIN46277-3)					
Operation Temperature Range	-40°C~+85°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

