

FV30B+C

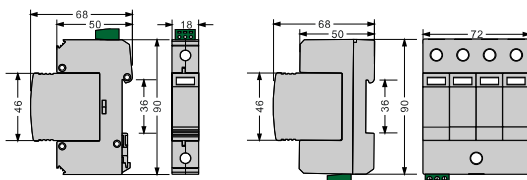
- ◆Category IEC / EN / VDE: Class I+II / Type 1+2 / B+C
- ◆Location of use: Sub/main distribution boards.
- ◆Connections: TN, TT, IT
- ◆Protective elements: L-PE: MOV, N-PE: GDT
- ◆High surge discharge rating: $I_{max}=60kA, I_{imp}=7kA$
- ◆Complies with: IEC/EN61643-11:2011



Model NO.	FV30B+C/*-150S	FV30B+C/*-275S	FV30B+C/*-320S	FV30B+C/*-385S	FV30B+C/*-440S	FV30B+C/NPE
Test Class According to IEC/EN61643-11	Class I+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
Impulse Discharge Current(10/350 μ s) I_{imp}	7kA					7kA
Maximum Discharge Current(8/20 μ s) I_{max}	60KA					60KA
Nominal Discharge Curren (8/20 μ s) I_n	30KA					30KA
Voltage Protective Level U_p	$\leq 1.2kV$	$\leq 1.5kV$	$\leq 1.8kV$	$\leq 2.0kV$	$\leq 2.2kV$	$\leq 1.5kV$
Response Time t_A	$\leq 25ns$					$\leq 100ns$
Recommended Back-up Fuse	160A					—
Isolation Resistance	$>10^7\Omega$					
I/O Connections	Multi-strand 4~25mm ² , Single-strand: 4~35mm ²					
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

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