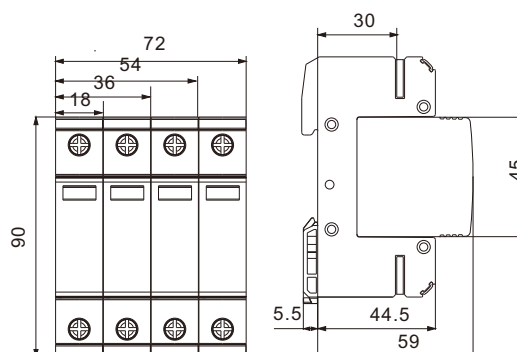




Application

The type 2 surge protective device are applicable to discharge overvoltage caused by switch-type (8/20μs wave-form) over currents. The type 2 arresters must be installed into sub-distribution boards (at condominium into distribution boards of flats) after main distribution boards containing type 1 arresters. For proper operation at least 10- 15 m cable or wire must be placed between type 1 and type 2 arresters. Otherwise a decoupling coil has to be installed between the two devices. These protectors are modular types with changeable insert; the auxiliary contact is built-in into the housing of the device.

Overall and Installation Dimension(mm)



Technical Data

Model		EKU4-20		EKU4-40		EKU4-B+C		EKU4-60		EKU4-80		EKU4-100	
Type		D		C		B+C		B		B		B	
Rated Voltage(Un)		275V	385V	275V	385V	275V	385V	275V	385V	275V	385V	275V	385V
Maximum Continuous Operation Voltage(Uc)		275V	385V	275V	385V	275V	385V	275V	385V	275V	385V	275V	385V
Voltage Protection Level (Up)		1.2KV	1.5KV	1.3KV	1.6KV	1.5KV	2.0KV	1.4KV	2.0KV	1.6KV	2.2KV	2.0KV	2.5KV
Nominal Discharge Current In (8/20μs)		10KA	10KA	20KA	20KA	30KA	30KA	30KA	30KA	40KA	40KA	60KA	60KA
Maximum Discharge Current Imax (8/20μs)		20KA	20KA	40KA	40KA	50KA	50KA	60KA	60KA	80KA	80KA	100KA	100KA
Maximum Discharge Current Imax (10/350μs)						7KA	7KA						
Reaction Time		<25ns		<25ns		<25ns		<25ns		<25ns		<25ns	
Test Level		T2		T2		T1+T2		T2		T2		T2	
Width/Pole		18mm		18mm		18mm		18mm		18mm		18mm	
Color Mark													
Shell Material		PBT		PBT		PBT		PBT		PBT		PBT	
Ambient Temperature		-40℃~80℃		-40℃~80℃		-40℃~80℃		-40℃~80℃		-40℃~80℃		-40℃~80℃	
Fuse or Circuit Breaker Matched		20A		25A		32A		32A		32A		40A	
Terminal Specification	Line	2.5~35mm ²		2.5~35mm ²		2.5~35mm ²		2.5~35mm ²		2.5~35mm ²		2.5~35mm ²	
	PE	4.0~35mm ²		4.0~35mm ²		4.0~35mm ²		4.0~35mm ²		4.0~35mm ²		4.0~35mm ²	
	Signal	1.5mm ²		1.5mm ²		1.5mm ²		1.5mm ²		1.5mm ²		1.5mm ²	
No.of Pole		1P, 2P, 3P, 4P, 1P+N, 2P+N, 3P+N											
Protection Degree		IP20											
Mounting		DIN rail 35mm											
Network System		TN, TT, IT											
Signal Terminal		Available											