



BY1-C/1P



BY1-C/2P



BY1-C/3P



BY1-C/4P

## 7. BY1-C

Type	BY1-C					
Class	C					
Rated voltage Un (V)	110	220/380				
Max continuous operating voltage Uc (V)	140	275	320	385	420	550
Protection level Up (KV)	≤ 0.8	≤ 1	≤ 1.5	≤ 2.0		≤ 2.5
Max discharge current I <sub>max</sub> (8/20uS) (KA)	40					
Nominal discharge current (8/20uS) I <sub>n</sub> (KA)	20					
Response time T (ns)	<25					
Temperature range	-40°C ~ +80°C					
Material	PBT					
Color (module/ base)	Grey/gray					
Max back up fuse	32A gl					
Normal model	BY1-C/4-420-20, BY1-C/4-385-20					
With alarm model	BY1-C/4-420-20B					
With remote control contact model	BY1-C/4-420-20X					
Single phase 2P combined to single phase system	BY1-C/2-320-20					

## 8. BY1-C/3+1-320-20 & BY1-C/2+1-320-20

Type	BY1-C/3+1-320-20				BY1-C/2+1-320-20
Test to	IEC61643-1				IEC61643-1
class	C				C
Rated voltage Un (V)	380				220
Max continuous operating voltage Uc (V)	320	385	420	550	320
Protection level Up (KV)	≤ 1.5	≤ 2.0	≤ 2.0	≤ 2.5	≤ 1.5
Max continuous operating current (A)	300				20
Nominal discharge current (8/20uS) I <sub>n</sub> (KA)	N-PE20		N-PE40		20
Response time T (ns)	<100				<100
Color (module/N-PE)	Gray/blue				Gray/blue
Protection grade	IP20				IP20
Max back up fuse	32A gl				32A gl