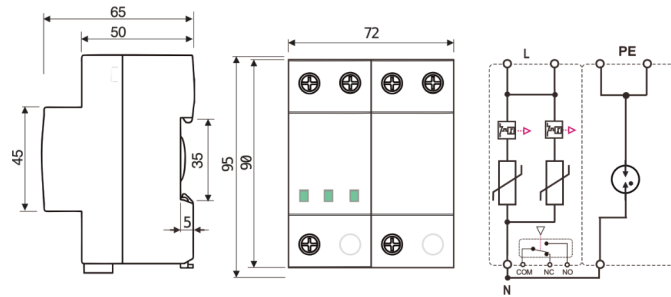


# WAE BN SERIES TYPE1+2

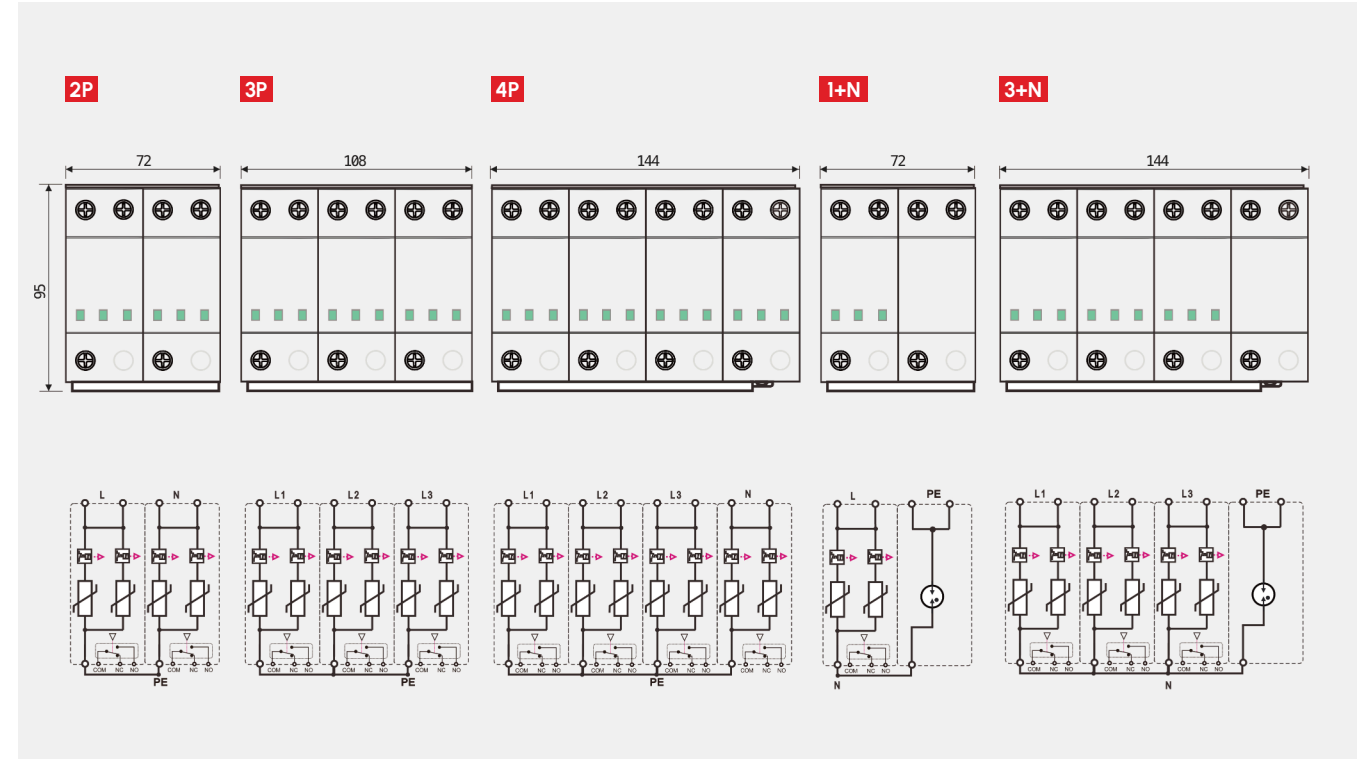


- Used as a Type I+II (Class B+C) power protector
- Built-in 2xT1/T2 high energy composite MOV+GDT components
- Provides reliable protection, response time of 100 ns
- Without indication; thermal trip devices, which are safe and reliable
- The busbar can be used in combination with 1+N, 3+N, 2P, and 4P configurations
- Equipped with remote signalling for easier remote maintenance

WBA	100	255	BN
1	2	3	4
1	2	3	4
1	2	3	4

1 AEGIS (Type 2)    2 100kA Iimp N-PE    3 255V Uc  
4 N-PE configuration

WOLTIFY MODEL	WAE 100 255 BN
Maximum Continuous Operating Voltage[L-N]/[N-PE] $U_c$	255 V AC
Lightning Impulse Current(10/350 $\mu$ s) [L-N]/[N-PE] $I_{imp}$	100 kA
Maximum Discharge Current(8/20 $\mu$ s) $I_{max}$	150 kA
Follow Current Extinguishing Capability [L-N]/[N-PE] $I_{fi}$	100 A <sub>rms</sub>
Temporary Over-voltage (TOV) [N-PE]	1200V/200 ms.- withstand
Voltage Protection Level $U_p$	$\leq 1.5$ kV
Response Time $t_a$	NPE $\leq 100$ ns
Operating Temperature Zone	-40 to +80°C
Connecting Conductor Cross Section	10-25mm <sup>2</sup>
Single Module Width	36 mm
Shell Material	PBT, UL94-V0
Test Standard	IEC 61643-1
Mounting On	35 mm DIN Rail
Shell Protection Level	IP20
Weight	0.3KGS/Pole



Product Name	Product Code	Protection Mode	$U_c$	$I_{imp}(10/350\mu s)$	$I_n(8/20\mu s)$	$U_p$
WAE 100 255 BN	100001	N-PE	255 V AC	100 kA	100 kA	$\leq 1.5$ kV
WBA 25 275 BIN FM	200101	L-N, N-PE	275 V AC/255 V AC	25 kA/50 kA	80 kA/80 kA	$\leq 1.5$ kV
WBA 25 320 BIN FM	200102	L-N, N-PE	320 V AC/255 V AC	25 kA/50 kA	80 kA/80 kA	$\leq 1.5$ kV
WBA 25 385 BIN FM	200103	L-N, N-PE	385 V AC/255 V AC	25 kA/50 kA	80 kA/80 kA	$\leq 1.5$ kV
WBA 25 440 BIN FM	200104	L-N, N-PE	440 V AC/255 V AC	25 kA/50 kA	80 kA/80 kA	$\leq 1.5$ kV
WBA 25 275 B3N FM	200201	L-L, L-N, N-PE	275 V AC/255 V AC	25 kA/100 kA	80 kA/100 kA	$\leq 1.5$ kV
WBA 25 320 B3N FM	200202	L-L, L-N, N-PE	320 V AC/255 V AC	25 kA/100 kA	80 kA/100 kA	$\leq 1.5$ kV
WBA 25 385 B3N FM	200203	L-L, L-N, N-PE	385 V AC/255 V AC	25 kA/100 kA	80 kA/100 kA	$\leq 1.5$ kV
WBA 25 440 B3N FM	200204	L-L, L-N, N-PE	440 V AC/255 V AC	25 kA/100 kA	80 kA/100 kA	$\leq 1.5$ kV