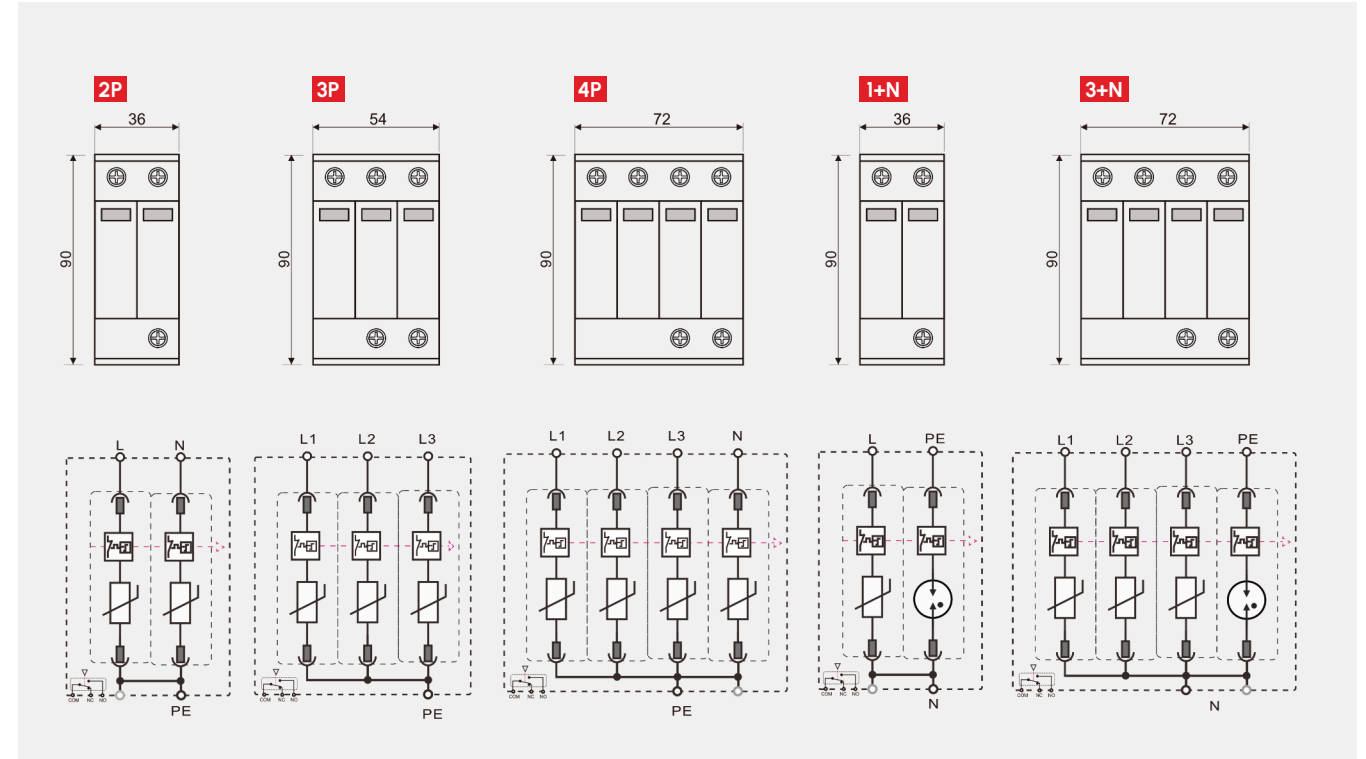


WAE AXN SERIES TYPE2



- With pluggable modules for lower maintenance cost
- Provides reliable protection with a response time of 25 ms
- With window indicators, thermal trip devices, which are safe and reliable
- Multi-plate parallel structure, residual low pressure
- NPE module has a unique follow current quenching function
- Equipped with remote signalling for easier remote maintenance

WAE	40	320	AX	FM
1	2	3	4	5
1 AEGIS (Type 2)	2 40kA I _{max} (8/20μs)	3 320V U _c		
4 IP+N+PE		5 With remote signalling contact		



WOLTIFY MODEL	WAE 40 275 AXN FM	WAE 40 320 AXN FM	WAE 40 385 AXN FM	WAE 40 440 AXN FM
Maximum Continuous Operating Voltage [L-N]/[N-PE] U _c	275 V/255 V AC	320 V/255 V AC	385 V/255 V AC	440 V/255 V AC
Voltage Protection Level [L-N]/[N-PE] U _p	≤ 1.3 kV/≤ 1.2 kV	≤ 1.5 kV/≤ 1.2 kV	≤ 1.7 kV/≤ 1.2 kV	≤ 2.0 kV/≤ 1.2 kV
Voltage Protection Level 5 kA [L-N]/[N-PE] U _p	≤ 1.0 kV/≤ 1.0 kV	≤ 1.2 kV/≤ 1.2 kV	≤ 1.3 kV/≤ 1.3 kV	≤ 1.4 kV/≤ 1.4 kV
Nominal Voltage U _n	230V AC			
Energy Coordination with Terminal Equipment (≤ 10 m)	Type 2 + Type 3			
Nominal Discharge Current (8/20μs) [L-N]/[N-PE] I _n	20 kA/30 kA			
Maximum Discharge Current (8/20μs) [L-N]/[N-PE] I _{max}	40 kA/60 kA			
Short-circuit Current Rating I _{SCCR}	25 kA _{rms}			
Follow Current Extinguishing Capability [L-N]/[N-PE] I _f	100A _{rms}			
Temporary Over-Voltage (TOV) [L-N]	335 V / 5 sec. – withstand 440 V / 120 min. – safe failure			
Temporary Over-Voltage (TOV) [N-PE]	1200V / 200 ms. – withstand			
Response Time t _A	≤25 ns (NPE ≤100 ns)			
Maximum Backup Fuse L	125 A gG			
Operating Temperature Zone	-40 to +80°C			
Connecting Conductor Cross Section	4-35 mm ²			
Single Module Width	18 mm			
Shell Material	PBT, UL94-V0			
Test Standard	IEC 61643-11			
Mounting On	35 mm DIN Rail			
Shell Protection Level	IP20			
Weight	0.1KGS/Pole			
Leakage Current I _l	≤ 20μA			

Product Name	Product Code	Protection Mode	U _c	I _{max} (8/20μs)	I _n (8/20μs)	U _p
WAE 40 275 AN FM	100101	L-N, N-PE	275 V AC/255 V AC	40 kA/60 kA	20 kA/30 kA	≤ 1.3 kV/≤ 1.2 kV
WAE 40 320 AIN FM	100102	L-N, N-PE	320 V AC/255 V AC	40 kA/60 kA	20 kA/30 kA	≤ 1.5 kV/≤ 1.2 kV
WAE 40 385 AIN FM	100103	L-N, N-PE	385 V AC/255 V AC	40 kA/60 kA	20 kA/30 kA	≤ 1.7 kV/≤ 1.2 kV
WAE 40 440 AIN FM	100104	L-N, N-PE	440 V AC/255 V AC	40 kA/60 kA	20 kA/30 kA	≤ 2.0 kV/≤ 1.2 kV
WAE 40 275 A3N FM	100201	L-L, L-N, N-PE	275 V AC/255 V AC	40 kA/60 kA	20 kA/30 kA	≤ 1.3 kV/≤ 1.2 kV
WAE 40 320 A3N FM	100202	L-L, L-N, N-PE	320 V AC/255 V AC	40 kA/60 kA	20 kA/30 kA	≤ 1.5 kV/≤ 1.2 kV
WAE 40 385 A3N FM	100203	L-L, L-N, N-PE	385 V AC/255 V AC	40 kA/60 kA	20 kA/30 kA	≤ 1.7 kV/≤ 1.2 kV
WAE 40 440 A3N FM	100204	L-L, L-N, N-PE	440 V AC/255 V AC	40 kA/60 kA	20 kA/30 kA	≤ 2.0 kV/≤ 1.2 kV

Additional Data (Optional)	WAE 40 275 AXN FM	WAE 40 320 AXN FM	WAE 40 385 AXN FM	WAE 40 440 AXN FM
Remote Alarm Terminal Type	Dry Contact			
Rated Terminal Power Un/In	AC: 250V/1.0A DC: 250V/0.5A 125V/0.6A V/1.0A			
Cross-sectional Area of Remote Alarm Wire	1.0 ~ 2.5mm ² single/multi-strand wire			