

Lightning arresters

Applications :

PARATRONIC lightning arresters are designed to protect all electronic equipment (sensors, PLCs, remote management systems, communications networks, etc.) against overvoltage problems.

Effective and suitable :

The lightning arresters from the PARATRONIC range provide suitable protection depending on the exposure of the site and the equipment to be protected. Some models are available with or without EMC filtering and with or without LED signal and status report contact.

Efficiency and longevity :

Installed according to our instructions, PARATRONIC lightning arresters will protect all of your installations. They may also be tested using the GR800 universal tester which will warn of the risks associated with the ageing of the components and will avoid the need for unnecessary trips.

Available :

- Large stock of all models.
- Constant technical availability to meet your requirements.



Application	Product no.	Very exposed sites	Exposed sites	Type	Fault lamp	End of life contact	No. of branches or protected conductors	Wiring	Plug-in terminals	V _c (V)	V _p (kV)	I _n (kA)	I _{max} (kA)	/I (kA)	Examples of use
POWER SUPPLIES															
LV	PRO TAS400	x	2	x		4	Parallel		255AC/440AC	1.2/1.5	13	40	NA		four-pole protection to be placed at the head of the installation
	PRO TAS400C	x	2	x	x	4	Parallel		255AC/440AC	1.2/1.5	13	40	NA		
	PSD 40	x	2	x		2	Ser. and Par.		255AC	1.1/1.5 and 1.2/1.5	7 and 13	40	16		LV power supply, measurement system, remote management, PLC, RS4, battery charger, etc.
	PSD 40C	x	2	x	x	2	Ser. and Par.		255AC	1.1/1.5 and 1.2/1.5	7 and 13	40	16		
	PRO TAS220		2-3	x		2	Ser. and Par.		255AC	1.1/1.7 and 1.2/1.7	7	20	16		
	PRO TAS220C		2-3	x	x	2	Ser. and Par.		255AC	1.1/1.7 and 1.2/1.7	7	20	16		
	PRO CEM220		2-3	x		2	Series		255AC	1.0/1.5	2	20	10		LV protection for exposed sites with EMC filter.
	PRO CEM220C		2-3	x	x	2	Series		255AC	1.0/1.5	2	20	10		
ELV	PM 220		2-3	x		2	Parallel		255AC	1.1/1.6	2	10	NA		See PRO TAS 220
	PRO TAS3016A	x	2-3	x		2	Ser. and Par.		30AC or 38DC	0.25/0.25 and 0.3/0.3	7	20	16		ELV power supply (12 and 24V AC/DC), LNS, TBR, IMR
	PRO TAS3016AD	x	2-3	x		2	Ser. and Par.	x	30AC or 38DC	0.25/0.25 and 0.3/0.3	7	20	16		
	PRO CEM3010AC	x	2-3	x	x	2	Series		30AC or 38DC	0.15	2	20	10		ELV power supply with EMC filter
	PRO ADSL		NA			2	Series		90AC	1.2	2.3	10	0,2		PSTN line, ADSL line for remote management, modem, etc.
	PM 120		NA			2	Series		150AC	0.5	2.3	10	0,1		
	PRO TAS120	x	NA			2	Series		150AC	0.5	2.3	20	0,1		PSTN line with EMC filter
	PRO CEM120	x	NA			2	Series		150AC	0.5	2.3	20	0,1		
SENSORS & SIGNALS	PRO CEM120D	x	NA			2	Series	x	150AC	0.5	2.3	20	0,1		
	PRO TAS50	x	NA			2	Series		50V DC	0.18	10	20	0,2		Measurement loop
	PRO C848		NA			8	Series		48V DC	0.15	1	2	0,05		On/Off inputs, etc.
	PRO TAS30	x	NA			2	Series		30V DC	0.1	10	20	0,2		Signals or measuring loops, EMC filtering or otherwise, dedicated line/private line, etc.
	PRO CEM30	x	NA			2	Series		30V DC	0.1	10	20	0,2		
	PRO CEM30D	x	NA			2	Series	x	30V DC	0.1	10	20	0,2		
	PM 30		NA			2	Series		30V DC	0.1	5	10	0,1		
	PRO TAS15	x	NA			2	Series		15V DC	0.08	10	20	0,2		Signals or measuring loops, EMC filtering or otherwise, dedicated line/private line, etc.
	PRO CEM15	x	NA			2	Series		15V DC	0.08	10	20	0,2		
	PRO CEM15D	x	NA			2	Series	x	15V DC	0.08	10	20	0,2		
	PRO CEMPLUIED	x	NA			2	Series	x	15V DC	0.05	10	20	0,2		Pluviometer, pulse meter, etc.
	PRO C8		NA			8	Series		12V DC	0.04	0,25	0,5	0,05		On/Off inputs, etc.
	PRO RS232		NA			8	Series	x	15V DC	0.03	0,1	0,17	0,05		RS232 or 485 serial link, smart sensor, PLC, etc.
	PRO RS485		NA			3	Series		5V DC	0.15	5	10	0,05		
	PRO SA112		NA			3	Series	x	15V DC	0.3	5	10	0,5		ELV power supply and signal for 3-wire sensors; 4/20mA, SDI12 or TBR antenna, etc.
	PRO SA124		NA			3	Series	x	30V DC	0.3	5	10	0,5		
	PRO SA148		NA			3	Series	x	60V DC	0.3	5	10	0,5		
	PRO SA212		NA			4	Series	x	15V DC	0.3	5	10	0,5		
	PRO SA224		NA			4	Series	x	30V DC	0.3	5	10	0,5		ELV power supply and signals for 4-wire sensors, Cruzoé, PLC, RS485 link, etc.
	PRO SA248		NA			4	Series	x	60V DC	0.3	5	10	0,5		
	PRO S312		NA			4	Series	x	15V DC	0.3	5	10	0,5		
	PRO S324		NA			4	Series	x	30V DC	0.3	5	10	0,5		
	PRO S348		NA			4	Series	x	60V DC	0.3	5	10	0,5		Signals or 3-wire sensors (excluding power line), flowmeter, etc.
	PRO PT100		NA			4	Series	x	50V DC	0.15	5	10	1		
	PRO HF		NA			2	Series		NA	0.16	5	10	0,05		Radio protection, etc.
	TS100	x	NA			1	Series		NA	NA		100	NA		Interconnection spark arrester

V_c = maximum steady-state operating conditions voltageV_p = protection levelI_n = nominal discharge currentI_{max} = maximum discharge current

/I = assigned load current

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