



➤ Surge protection

➤ Sewage and water treatment plants



Power Supply

1	Substation TYPE 1 transient overvoltages protector (Direct lightning effects)	ATSHOCK
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Distance is larger than 10m?

YES		NO	
↓		↓	
2	Main building TYPE 2 transient overvoltages protector (Attenuated lightning effects) ATSUB65	Decoupling inductor ATLINK	
3	Motors Control Centre (CCM) Permanent and TYPE 2 transient overvoltages protector (Attenuated lightning effects) ATCONTROL /R		
4	Control Panel TYPE 3 transient overvoltages protector (Attenuated electromagnetic effects) ATCOVER		

- power supply line
- telephone line
- data line
- coaxial line

Telecommunications

Attenuated lightning effects Co-ordinated TYPE 2 and 3 transient overvoltages protectors	5	Sensors (pH, Flow meters, Oxygen meters,...) ATLINE
	6	Transmission and telemetry antennas ATFREQ
	7	Telephone lines ATFONO