

ATS-3 Terminals description

Plug E1P1	Plug E1A1	Plug E1A2	Plug E1Y1	Plug E1Y2	Alternative signals	Plug E1Z1	E1H1
Feeder A - TR1 Voltage measurement phase L1	CB "A" closed	Voltage on section 1 busbars	ATS blocked or not-energized	Circuit-breaker "A" ready-to-close	Circuit-breakers not-ready-to-close	Power supply 1	 TX Port 1
Feeder A - TR1 Voltage measurement phase L2	CB "A" open	Voltage on section 2 busbars	ATS blocked or not-energized	Circuit-breaker "B" ready-to-close	Circuit-breakers faulty position	PE	 RX Port 1
Feeder A - TR1 Voltage measurement phase L3	CB "B" closed	CB "A" charging Ready to close	Circuit-breaker "A" open-signal	Circuit-breaker "S" ready-to-close	Blocked by TRIP signal	Power supply 2	ZEG Protocol IEC 870-5-103
Feeder A - Tr1 Voltage unbalance	CB "B" open	CB "B" charging Ready to close	Circuit-breaker "A" close-signal	Outage at section 1	ATS deactivated	PE	A 1
Feeder B - TR2 Voltage measurement phase L1	CB "S" closed	CB "S" charging Ready to close	Circuit-breaker "B" open-signal	Outage at section 2	FIRE	Power supply module 220-250 AC/DC	B 2
Feeder B - TR2 Voltage measurement phase L2	CB "S" open	CB TRIP To be acknowledged	Circuit-breaker "B" close-signal	ATS operation	Transformers parallel operation		A 3
Feeder B - TR2 Voltage measurement phase L3	ATS blocking input Control voltage	ATS blocked by open command To be acknowledged	Circuit-breaker "S" open-signal	Unsuccesfull ATS cycle	Blocked by open signal		B 4
Feeder B - Tr2 Voltage unbalance	ATS disengaged	FIRE To be acknowledged	Circuit-breaker "S" close-signal	Outage at incoming feeder	+ control ATS activation		B 5
Measuring inputs module 230 AC	Control inputs module 220-250 AC/DC	Control inputs module 220-250 AC/DC	Control and signalling purposes outputs module	Control and signalling purposes outputs module	Control and signalling purposes outputs module		PE 6
							RS-485
							Communication module

