

Trip Relay Types

For ACB 3P, 4P from 630A to 6300A



N

G

0

Trip relay
Type

Protection

Control
Voltage

Type	Metasol Trip Relay		
	NG	AG	PC
Trip relay	Normal [N]	Ammeter [A]	Power meter [P]
Protection	Ground fault [G]	Ground fault [G], Earth leakage [Z]	Ground fault [C], Earth leakage [K]
Control voltage	Self-power 60Hz [0], 50Hz [5]	Self-power 60Hz [0], 50Hz [5] AC/DC 100~250V 60Hz [1], 50Hz [6] DC 24~60V 60Hz [2], 50Hz [7]	AC/DC 100V~250V 60Hz [1], 50Hz [6] DC 24~60V 60Hz [2], 50Hz [7]
Current protection	L/S/I/G/Terminal	L/S/I/G or EL, Terminal, ZSI (protective coordination)	L/S/I/G or EL, Terminal, ZSI (protective coordination)
Measurement function	--	Current (R/S/T/N)	3 Phase Voltage / current RMS / vector Power (P, Q, S), PF (3 phase) Energy (positive / negative) Frequency Demand
Digital output	--	3 DO (fixed), L, S / I, G Alarm	3 DO (programmable) Trip Alarm, General
Communication	--	Modbus /RS-485 Profibus-DP	Modbus /RS-485 Profibus-DP
Dimension			