



SIA-E Specifications

Function 50P	Permission: yes/no
	Operating range: SIAEA*: 3,0 to 450,0 A prim. (0,1 A prim.) SIAEB*: 5,0 to 750,0 A prim. (0,1 A prim.)
	Operating time: 0,02 to 300 s (0,01 s)
	Activation level 100%
	Deactivation level 95%
	Instantaneous deactivation
Function 50N	Permiso de función: si/no
	Operating range: SIAE*A: 0,30 to 45,0 A prim. (0,1 A prim.) SIAE*B: 0,30 to 45,0 A prim. (0,1 A prim.) SIAE*C: 0,5 to 75,0 A prim. (0,1 A prim.)
	Operating time: 0,02 to 300 s (0,01 s)
	Activation level 100%
	Deactivation level 95%
	Instantaneous deactivation
Function 51P	Permiso de función: si/no
	Operating range: SIAEA*: 3,0 to 105,0 A prim. (0,1 A prim.) SIAEB*: 5,0 to 175,0 A prim. (0,1 A prim.)
	Curves: IEC 255-4/BS-142
	Operating time: inverse curve, very inverse curve, extremely inverse curve, defined time (0,02 to 300 s (0,01 s))
	Dial: 0,05 to 1,25
	Curve, activation level 120%
	Curve, deactivation level 100%
	Defined time, activation level 100%
	Defined time, deactivation level 95%
	Instantaneous deactivationReposición instantánea
	Timing accuracy: 5% or 30 ms (greater of both)
Function 51N	Permission: yes/no
	Operating range: SIAE*A: 0,3 to 10,5 A prim. (0,1 A prim.) SIAE*B: 0,3 to 10,5 A prim. (0,1 A prim.) SIAE*C: 0,5 to 17,5 A prim. (0,1 A prim.)
	Curves: IEC 255-4/BS-142
	Operating time: inverse curve, very inverse curve, extremely inverse curve, defined time (0,02 to 300 s (0,01 s))
	Dial: 0,05 to 1,25
	Curve, activation level 120%
	Curve, deactivation level 100%
	Defined time, activation level 100%
	Defined time, deactivation level 95%
	Instantaneous deactivation
	Timing accuracy: 5% or 30 ms (greater of both)
Trip blocking	Permission: yes/no
	Blocking level: SIAEA*: 105,0 to 300,0 A prim. (0,1 A prim.) SIAEB*: 175,0 to 500,0 A prim. (0,1 A prim.)
Overtemperature trip input	Charging time 10 s
Trip output	10 V – 8 mJ
Frequency	50/60Hz
Current measure	Rms
	Sampling: 800Hz@50Hz 960Hz@60Hz
	Accuracy $\pm 2\%$ in nominal current
	Accuracy $\pm 3\%$ in the hole range
Communications	RS232 port: Modbus RTU
	RS485 port: Modbus RTU
Auxiliary supply	230 Vac, $\pm 20\%$
Battery supply	With RS232 adapter
Self-power from current	One phase self-power level: $I > 5$ A primary
Environment	Operating temperature: -10 to 60°C
	Storage temperature: -20 to 70 °C
	Humidity: 95%
Striker	Operating voltage: 6-24 Vdc