

Trip coil module TCM

- Connecting trip coil module to the potential-free trip contact of the relay it supplies necessary energy to trip the coil (30J or 360 J depending on the selected model differenced by the power supply).
- Its main function is to adapt the relay to installations where the line opening system is activated by a coil, instead of a striker.
- The TCM (Trip Coil Module) is specifically designed to be used with Fanox SELF POWERED relays (SIA-C, SIA-B).

TCM



CHARACTERISTICS	POWER SUPPLY	
	230 Vac 110 Vac	220Vdc
Dimensions	78 x 80 x 99 mm	80 x 80 x 171.4 mm
Weight	580 g	1400 g
Mounting	DIN Rail	Directly onto the mounting plate
Energy	30 J	360 J
Charging time	10 s	30 s (trip voltage at 200 Vdc) 2 minutes (trip voltage at 220 Vdc)
Trip capacity after charge	3 days	3 days
Voltage Output	48Vdc 110Vdc 220 Vdc	200Vdc (1.8 A – 75 ms)

SELECTION & ORDERING DATA

CONNECTIONS

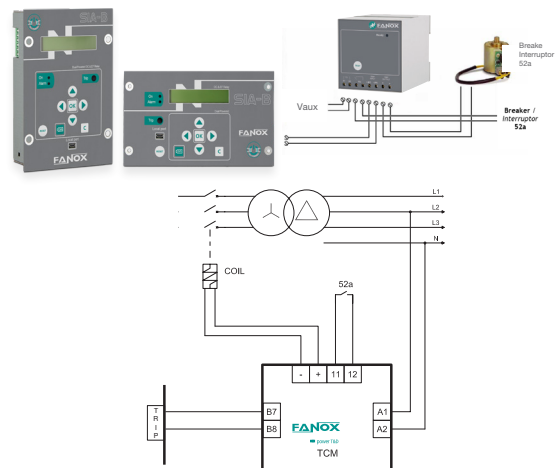
TCM

Módulo de Disparo para Bobina

1			ALIMENTACIÓN
2			230 Vca 12 Vcc para SIA-C
3			110 Vca
			220 Vcc
	A		TENSIÓN DE SALIDA PARA DISPARO
	B		48 Vcc
	C		110 Vcc
	D		220 Vcc
			200 Vcc (1,8 A - 75 ms)
	A		REVISIÓN
			-

Ejemplo de código de pedido:

1	B	A	TCM 1 B A
TCM			



STANDARDS

EN 50263 (2000)	"Electromagnetic Compatibility (EMC). Product standard for measuring relays and protection equipment".
EN 61543 (1995) + A11 (2003)	"Residual current-operated protective devices (RCDs) for household and similar use. Electromagnetic compatibility".
IEC 60255-5 (1977)	"Electrical Relays. Part 5: Insulation tests for electrical relays".
EN 61000-4-11 (1994)	"Electromagnetic Compatibility. Part 4: Testing and measurement techniques. Section 11: Voltage dips, short interruptions and voltage variations immunity test".
EN 55014	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus
EN 55022	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
EN 61000-4-2	Electromagnetic compatibility (EMC) -- Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
EN 61000-4-3	Electromagnetic compatibility (EMC)- Part 4-3: Testing and measurement techniques- Radiated, radio-frequency, electromagnetic field immunity test
EN 61000-4-4	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test
EN 61000-4-11	Electromagnetic compatibility (EMC) -- Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests
EN 61000-4-6	Electromagnetic compatibility (EMC) -- Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields.
EN 61000-4-8	Electromagnetic compatibility (EMC) -- Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test
EN 61000-4-5	Electromagnetic compatibility (EMC) -- Part 4-5: Testing and measurement techniques - Surge immunity test (IEC 61000-4-5:2005).