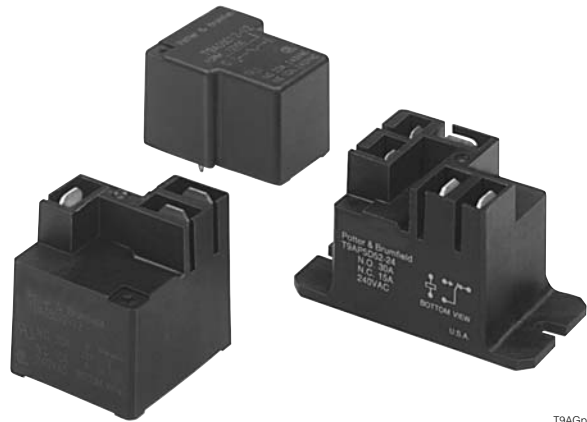


Power Relay T9A

- 1 pole 30 A, 1 NO or 1 CO contact
- High breaking capacity 7200 VA
- PCB- and PCB/quick connect terminals
- Chassis mount version with quick connect terminals
- UL-class F as standard
- Ambient temperature 85°C

Applications

HVAC, power supplies, domestic appliances, measurement & control



T9AGp

Approvals



Technical data of approved types on request

Contact data

Contact configuration	1 NO contact	1 CO contact
Contact set	single contact	
Type of interruption	micro disconnection	
Rated voltage / max. switching voltage AC	240 / 277 VAC	
Rated current NO / NC contact	30 A	20 / 10 A
Contact material	AgCdO, AgSnOInO	
Minimum contact load	≥ 1A, 5VDC / 12 VAC	
Operate- / release time including bounce time	max. 15 / 15ms	

Contact ratings

Type	Contact	Load	Ambient temp. [°C]	Cycles
UL 508				
T9A AgCdO	NO	30 A, 240 VAC, general purpose	85°C	100x10 ³
T9A AgCdO	NO	15 A 240 VAC, resistive	105°C	100x10 ³
T9A AgCdO	CO	30 A / 20 A 240 VAC, resistive	25°C	6x10 ³
T9A AgCdO	CO	20 A / 10 A 28 VDC, resistive	25°C	100x10 ³
T9A AgSnOInO	NO	30 A, 240 VAC, general purpose	25°C	100x10 ³

Coil data

Rated coil voltage range DC coil	5...48 VDC
For AC coil version please refer to T9C datasheet	

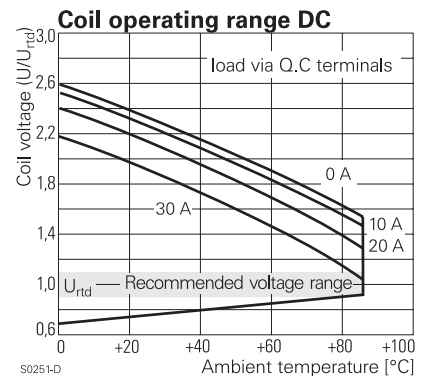
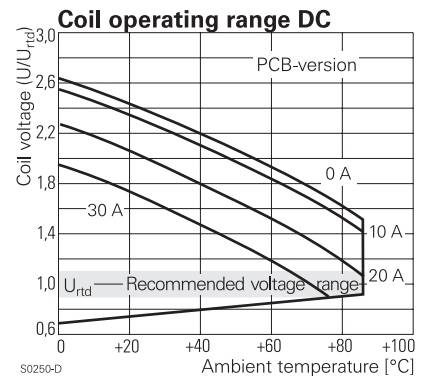
Coil versions, DC-coil

Coil code	Rated voltage VDC	Operate voltage VDC	Release voltage VDC	Coil resistance Ω	Rated coil power mW
6	6	4.5	0.6	36±10%	1000
12	12	9.0	1.2	144±10%	1000
24	24	18.0	2.4	576±10%	1000
48	48	36.0	4.8	2304±10%	1000

All figures are given for coil without preenergization, at ambient temperature +23°C
Other coil voltages on request

Insulation

Insulation resistance coil-contact circuit	> 10 ⁹ Ohms
Dielectric strength coil-contact circuit	2500 V _{rms}
open contact circuit	1500 V _{rms}
Clearance / creepage coil-contact circuit	≥ 2.5 / 4 mm; ≥ 3.1 / 6.3 mm (UL508)



Power Relay T9A (Continued)

Product key	Typical product key		T9A	S	1	D	2	2	-24
Type	T9A Power relay T9A								
Enclosure	P dust protected (flange mount) S wash tight (PCB- or PCB-/quick connect version)								
Contact configuration	1 1 NO contact (1 form A) 5 1 CO contact (1 form C)								
Coil version	D DC coil 1 W								
Mounting	1 PCB-version 2 PCB-terminals for coil and contacts, quick connect terminals for contacts 5 Flange mount, 4.75 mm quick connect term. for coil, 6.35 mm quick connect term. for contacts								
Contact material	2 AgCdO 4 AgSnOInO								
Coil	Coil code: please refer to coil versions table								

Other types on request

Product key	Enclosure	Mounting	Cont. material	Cont. configuration	Coil	Part number
T9AS1D12-9	wash tight	pcb terminals	AgCdO	1 NO contact	9 VDC	2-1393210-2
T9AS1D12-12					12 VDC	1-1393210-3
T9AS1D12-24					24 VDC	1-1393210-8
T9AS1D12-48					48 VDC	1-1393210-9
T9AS1D22-12		pcb + quick conn.			12 VDC	1-1419104-7
T9AS5D12-24		pcb terminals		1 CO contact	24 VDC	3-1393210-7
T9AS5D22-12		pcb + quick conn.			12 VDC	3-1419104-3
T9AS5D22-24					24 VDC	3-1419104-6