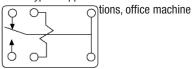


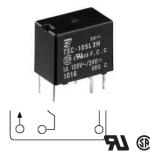
Signal Relays OEG

Signal PCB Relay TSC

- 1pole, 1A, 1 form C (CO)
- 2.54mm terminal pitch same as I.C. socket terminal pitch

Typical applications





Approvals	
UL E82292, CSA LR48471-189	
Technical data of approved types on request	

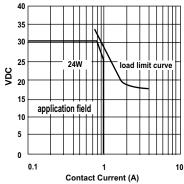
Contact Data	
Contact arrangement	1 form C (CO)
Rated voltage	24VDC, 120VAC
Max. switching voltage	30VDC, 120VAC
Rated current	1A
Switching power	120VA, 24W
Contact material	AgNi Alloy
Min. recommended contact load	1mA at 1VDC
Initial contact resistance	$50m\Omega$ at $100mA$, $6VDC$
Frequency of operation	72000 ops/h
Operate/release time max.	5/5ms
Electrical endurance	
1A, 120VAC, resistive,	$100x10^3$ ops.
1A, 24VDC, resistive,	$100x10^3$ ops.
Contact ratings	1A, 120VAC/24VDC
Mechanical endurance	10x10 ⁶ operations

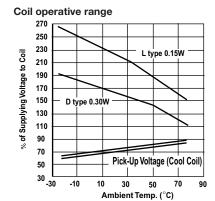
Coil Data		
Coil voltage range	5 to 24VDC	

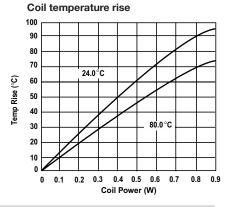
Coil versions, DC coil								
Coil	Rated	Operate	Release	Coil	Rated coil			
code	voltage	voltage	voltage	resistance	power			
	VDC VDC		VDC	Ω±10%	mW			
Standar	Standard coil, 300mW							
05	5	3.75	3.75 0.25 83					
06	6	4.5	4.5 0.3 120					
09	9	6.75	0.45	270	300			
12	12	9.0	0.6	480	300			
24	24	18.0	1.2	1.920	300			
Sensitiv	Sensitive coil 150mW							
05	5	3.75	0.25	166	150			
06	6	4.5	0.3	240	150			
09	9	6.75	0.45	540	150			
12	12	9.0	0.6	960	150			
24	24	18.0	1.2	3840	150			

All figures are given for coil without pre-energization, at ambient temperature +23°C.

Max DC load breaking capacity





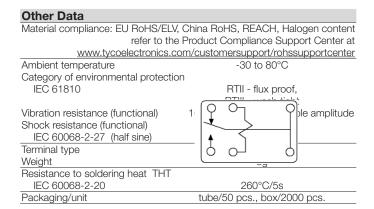


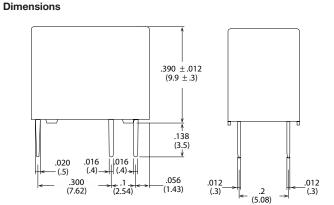
Insulation Data	
Initial dielectric strength	
between open contacts	400V _{rms}
between contact and coil	1000V _{rms}
Initial surge withstand voltage	
between contact and coil	1500V (10/160µs)
Clearance/creepage	
between contact and coil	2.0/1.5mm

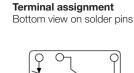


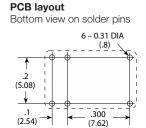
Electronics Signal Relays OEG

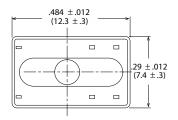
Signal PCB Relay TSC (Continued)

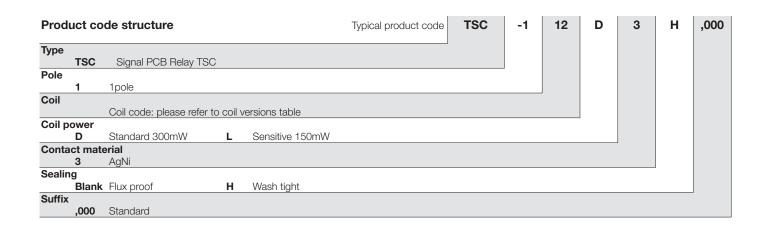












Product code	Version	Contact	Cont.material	Coil power	Coil voltage	Sealing	Part number
TSC-105D3H,000	1A	1 form C (CO)	AgNi Alloy	300mW	5VDC	Wash tight	1-1419130-0
TSC-112D3H,000					12VDC		2-1419130-1
TSC-124D3H,000					24VDC		5-1440007-3
TSC-105L3H,000				150mW	5VDC		1-1419130-2
TSC-112L3H,000					12VDC		2-1419130-4
TSC-124L3H,000					24VDC		2-1419130-8