

Tiny Switches

Form A

These tiny reed switches are designed for low power and high speed switching with maximum sensitivity. Their extremely small size make them ideal for Dual In Line packages, or magnet operation.

Form C

This extremely compact form 'C' reed switch offers normally closed and changeover functions: ideally suited to moderate currents and voltages making it a cost effective solution to high density switching applications.

Form A

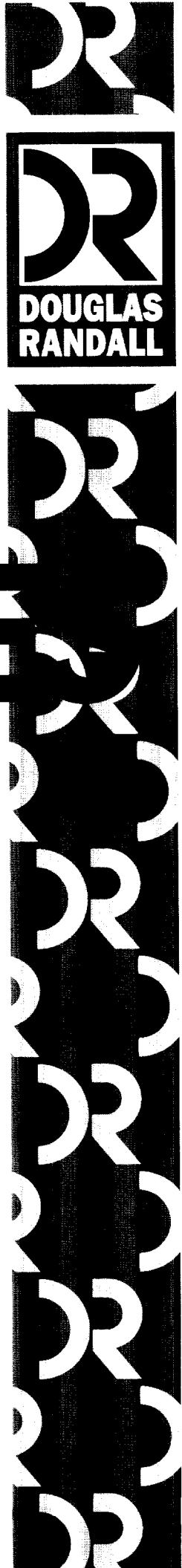
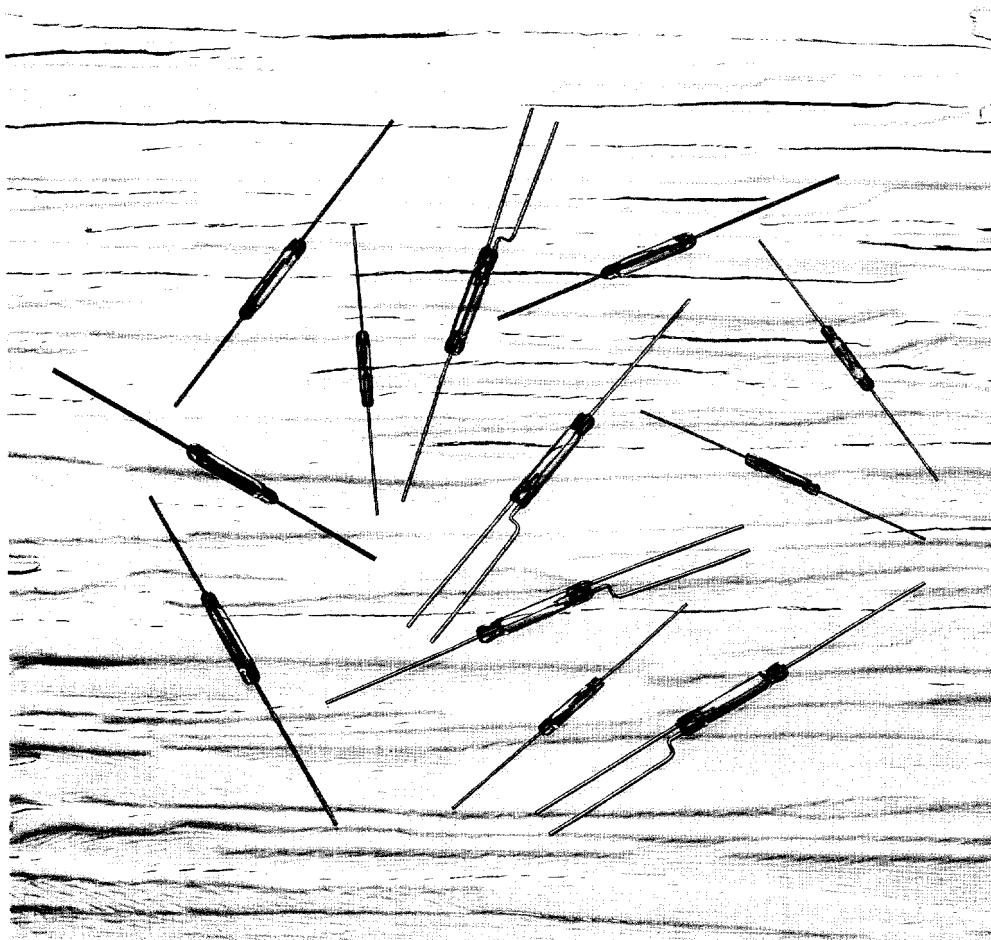
- Small physical size.
- Centre or offset contact configurations.
- High speed switching.

Form C

- Normally closed or changeover function.
- Tiny size.

REED

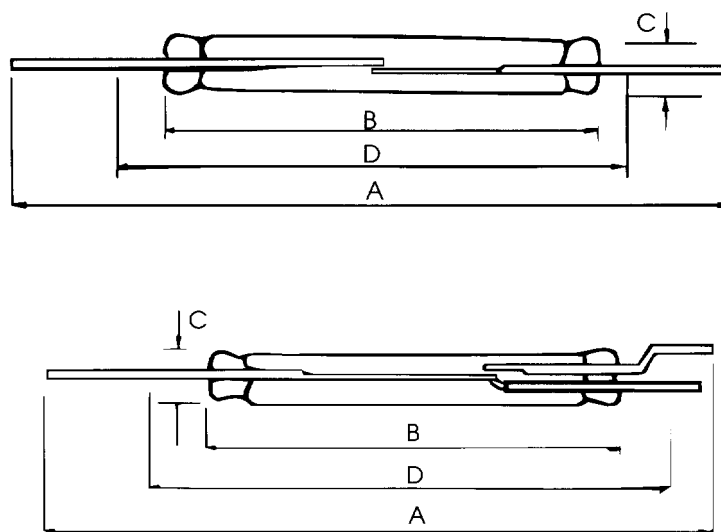
SWITCHES



Technical Specification



	Contact Arrangements	C=Centre Gap O=Off Centre Gap	Contact Material R=Rhodium T=Tungsten	Contact Rating V.A. A.C. or D.C. maximum	Switching Current – Amps A.C. (r.m.s) or D.C. max.	Carry Current – Amps A.C. (r.m.s) or D.C. max.	Switching Voltage – Volts D.C. maximum	Switching Voltage – Volts A.C. (r.m.s) maximum	Breakdown Voltage – Volts D.C. minimum	Initial Contact Resistance Milli-Ohms maximum	Insulation Resistance Ohms minimum	Capacitance – pF	Resonant Frequency – Hz (approx)	Actuating Time (inc. bounce) mS Typical (high imped. axis)	Stock Pull-in Range – Ampere Turns	A Overall length mm nom. (inch)	B Glass Length mm max. (inch)	C Pass Through mm max. Diameter (inch)	D Recommended mm Cropping Length (inch)	
TRG 211	Form A	C	R	1	0.100	0.300	24	24	150	200	10 ⁹	0.2	9000	0.9	10-30	36.0 (1.417)	10.0 (0.40)	2.0 (0.08)	14.0 (0.55)	Tiny Size High Speed
TRG 291	Form A	O	R	10	0.300	1.0	100	100	200	150	10 ⁹	0.2	2000	0.8	20-40	44.2 (1.74)	13.0 (0.51)	2.3 (0.09)	17.0 (0.67)	Low Profile Push Button Size
TRH 200	Form C	O	R	3	0.250	1.2	175	175	200	150	10 ⁹	1.0	-	0.7	15-30	52.47 (2.06)	14.73 (0.58)	2.66 (0.105)	19.0 (0.748)	Tiny Change-over
TRG 294	Form A	C	R	10	0.500	1.0	100	100	250	150	10 ¹¹	0.7	5000	1.8	15-35	55 (2.165)	14.10 (0.556)	2.30 (0.09)	20.0 (0.787)	



T Size

Switch Size
T : <3.0mm

Contact Material
R : Rhodium

T R C 2 00

Contact Variant

Switch Pressure
2 : Non Pressurised

Contact form
A : Make Action
G : Special
H : Special

Specification subject to change without notice. © 1995 Douglas Randall Ltd.

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