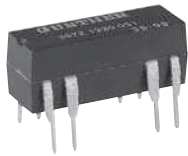


DIL-SIL-REED RELAYS



Version	DIL-High Profile			
Contact Form	1 Normally Open	2 Normally Open	1 Change Over	1 Change Over
Type	3570 1210 ...	3572 1220 ...	3563 1231 ...	3573 1231 ...
Features	- Industry-standard housing	- Industry-standard housing	- Industry-standard housing	- Industry-standard housing

Coil Parameters

Nominal coil voltage	VDC	5	12	24	5	12	24	5	12	24	5	12	24
Pull-in voltage	max. VDC	3,8	9	18	3,8	9	18	3,8	9	18	3,5	8	16
Drop-out voltage	min. VDC	0,8	1	2	0,8	1	2	1	2	4	1	2	4
Operating voltage	max. VDC	20	30	40	10	20	40	10	18	35	10	18	35
Coil resistance	±10% Ω	500	1000	2150	140	500	2150	200	500	2150	200	500	2150

Contact Parameters

Switching capacity	max. W/VA	10	10	3	5
Switching voltage	max. V	100 AC/DC	100 AC/DC	70 AC / 100 DC	100 AC/DC
Switching current	max. A	0,5	0,5	0,25	0,5
Carrying current	max. A	1,0	1,0	0,5	1,0
Contact resistance	max. mΩ	150	150	200	150
Dielectric strength	min. VDC	200	200	140	200

Relay Parameters

Dielectric strength	coil/contact	VDC	1000	1000	1000	500
Insulation resistance	coil/contact	Ω	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰
Storage temperature		°C	-40...+105	-40...+105	-40...+105	-40...+105
Operating temperature		°C	-35...+80	-35...+80	-35...+80	-35...+80
Pull-in time incl. bounce time max.		ms	0,5	0,5	2,0	1,2
Drop-out time with diode		ms	0,5	0,5	3,0	0,8
Dimensions		page	20	20	20	20
Weight		approx. g	2,3	2,3	2,3	2,3
Pin configuration (top view)						

General Parameters

Life Expectancy

The life expectancy of a Reed Relay is at least 10⁵...10⁶ operations at nominal load. At minimum load the life expectancy can be up to 5 x 10⁸ operations.

The mechanical life expectancy is 10⁹ operations (minimum).

Through the switching of higher loads, especially inductive or capacitive and lamp loads, life expectancy can be considerably reduced due to exceeding the permissible maximum current.

Order Example:

