

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/VVA	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:

