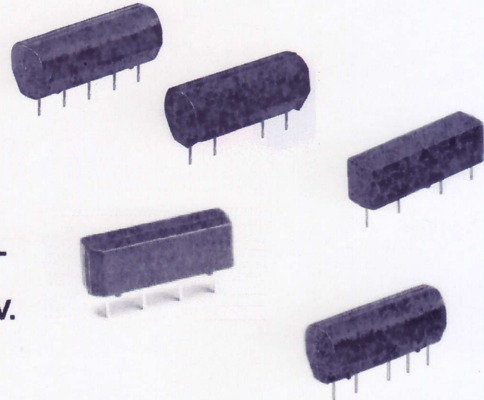


SERIES 30

REED RELAY

REED RELAYS SERIES 30

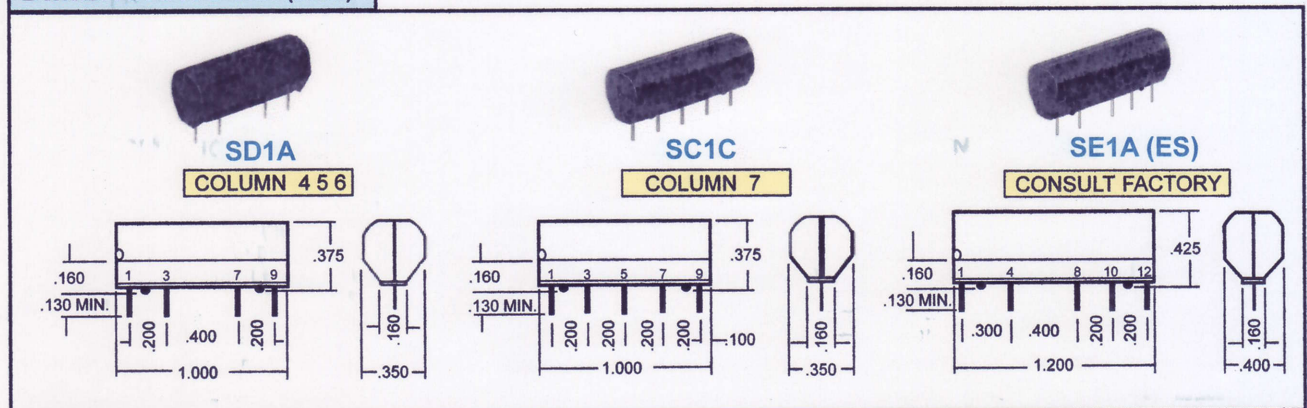
SERIES 30 SIP RELAYS. BECAUSE THESE RELAYS ARE DESIGNED WITH CONSIDERATION GIVEN TO INPUT-TO-OUTPUT VOLTAGE ISOLATION, THEY CAN BE VERY EFFECTIVE WITH THE CONTROL SIGNALS AS SPECIFIED IN SUCH ELECTRICAL SAFETY STANDARDS UL, CSA, AND VDE. THE CONTACT-TO-COIL INSULATION CAN WITHSTAND 4,000 VAC AND THE CONTACTS ARE RATED TO WITHSTAND 500 V TO 1500 V. OTHER FOOTPRINTS AVAILABLE ON SPECIAL ORDER.



CONTACT RATINGS (RESISTIVE LOADS)

COLUMN NUMBER	1	2	3	4	5	6	7
PARAMETERS	1 FORM A SPST	1 FORM B SPST	1 FORM A SPST	1 FORM A SPST HIGH POWER	1 FORM A SPST HIGH VOLTAGE	1 FORM C SPDT	1 FORM A SPST
VOLTAGE (MAX.SWITCHING)	200 VDC	200 VDC	200 VDC	200 VDC	1000 VDC	100 VDC	200 VDC
CURRENT (MAX.SWITCHING)	.5 AMPS	.5 AMPS	.5 AMPS	1.0 AMPS	1.0 AMPS	.25 AMPS	.5 AMPS
POWER (MAX.SWITCHING)	10 WATTS	10 WATTS	10 WATTS	50 WATTS	25 WATTS	3 WATTS	10 WATTS
CURRENT (MAX.CARRY)	1 AMP	1 AMP	1.0 AMPS	2.0 AMPS	2.0 AMPS	.5 AMPS	1.0 AMPS
CONTACT RESISTANCE (INITIAL)	.15 OHMS	.2 OHMS	.2 OHMS	.2 OHMS	.2 OHMS	.2 OHMS	.15 OHMS
OPERATE TIME (MAX)	1.0 MS	.5 MS	1.0 MS	1.0 MS	1.0 MS	2.0 MS	.5 MS
RELEASE TIME (MAX)	.5 MS	1.0 MS	.5 MS	.5 MS	.5 MS	2.5 MS	1.0 MS
BOUNCE (MAX)	1.0 MS	.5 MS	1.0 MS	1.0 MS	1.0 MS	2.0 MS	2.0 MS
TEMPERATURE	-55°C TO +85°C	-55°C TO +85°C	-55°C TO +85°C	-55°C TO +85°C	-55°C TO +85°C	-55°C TO +85°C	-55°C TO +85°C
BREAKDOWN VOLTAGE	250 VDC	250 VDC	250 VDC	300 VDC	1500 VDC	200	250
INSULATION RESISTANCE	1500 VDC	1500 (2500) VDC	1500 VDC	1500 VDC	1500 VDC	1500	1500
OPEN CONTACTS	10 ¹⁰ OHMS	10 ¹⁰ OHMS	10 ¹⁰ OHMS	10 ¹⁰ OHMS	10 ¹⁰ OHMS	10 ⁵ OHMS	10 ¹⁰ OHMS
CONTACT TO COIL	10 ¹⁰ OHMS	10 ¹⁰ OHMS	10 ¹⁰ OHMS	10 ¹⁰ OHMS	10 ¹⁰ OHMS	10 ¹⁰ OHMS	10 ¹⁰ OHMS
ELECTRICAL LIFE:							
LOW LEVEL 10MDVC, 10UA	10 ⁸		10 ⁸				10 ⁸
LOW LEVEL 10VDC, 4MA		5X10 ⁷				5X10 ⁶	
RATED LOAD 20VDC, 0.5A	6X10 ⁵	5X10 ⁵	6X10 ⁵				10 ⁶
RATED LOAD 12VDC, 0.25A						2X10 ⁶	
RATED LOAD 200VDC, 0.25A				5X10 ⁵			
RATED LOAD 1000VDC, 10MA					2X10 ⁶		

DIMENSIONS UNIT (INCH)



EXTENSIVE CATALOG INFORMATION ON THE INTERNET
WWW.USRELAYS.COM



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