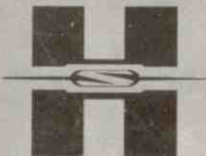
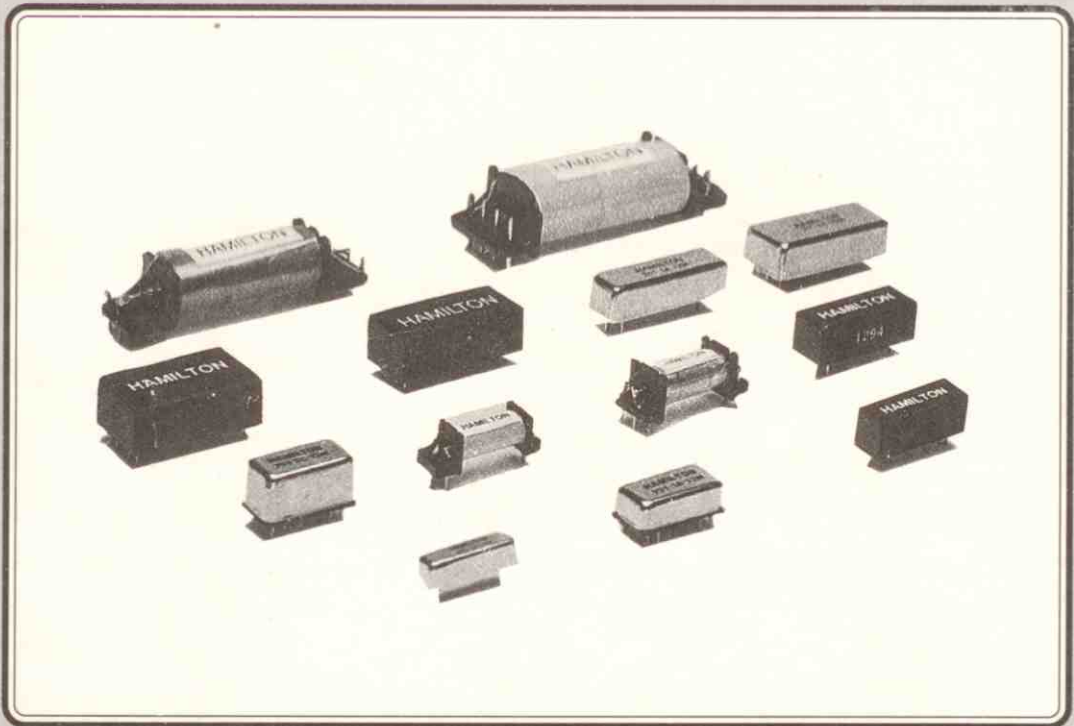


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MERCURY AND REED RELAYS

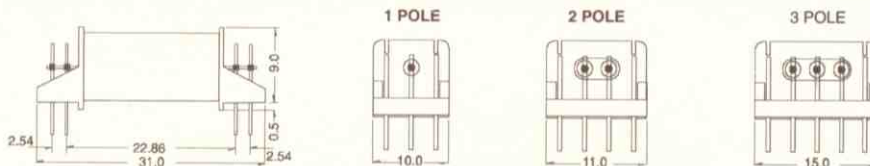


HAMILTON ELECTRONICS PVT. LTD.

B-36/5, G.T. Karnal Road Industrial Area Delhi - 110033.

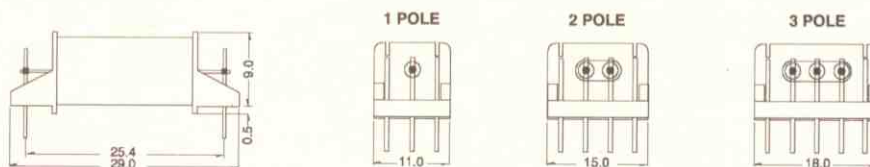
Ph.: 724 5389, 724 9931, 711 2114 Fax : 91-11-724 2427/724 9931

SERIES 200 STAGGERED 1.0" X 0.1" GRID



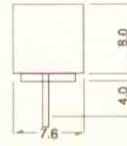
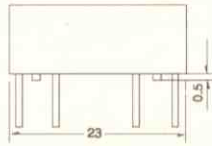
RELAY TYPE	CONTACT TYPE	COIL RESISTANCE (OHMS)	NOMINAL COIL VOLTAGE (VOLTS)	MUST OPERATE VOLTAGE (VOLTS)	MUST RELEASE VOLTAGE (VOLTS)	PIN CONFIGURATION (TOP VIEW)
201-1A-05	1 NO	345	5	3.75	0.5	
201-1A-12	1 NO	2145	12	8.40	1.2	
201-1A-24	1 NO	7845	24	16.80	2.4	
201-1A-48	1 NO	12000	48	33.60	4.8	
201-1C-05	1 CO	345	5	3.75	0.5	
201-1C-12	1 CO	2145	12	8.40	1.2	
201-1C-24	1 CO	7845	24	16.80	2.4	
201-1C-48	1 CO	12000	48	33.60	4.8	
201-2A-05	2 NO	180	5	3.75	0.5	
201-2A-12	2 NO	1100	12	8.40	1.2	
201-2A-24	2 NO	4200	24	16.80	2.4	
201-2A-48	2 NO	10120	48	33.60	4.8	
201-2C-05	2 CO	180	5	3.75	0.5	
201-2C-12	2 CO	1100	12	8.40	1.2	
201-2C-24	2 CO	4200	24	16.80	2.4	
201-2C-48	2 CO	10120	48	33.60	4.8	
201-3A-05	3 NO	125	5	3.75	0.5	
201-3A-12	3 NO	545	12	8.40	1.2	
201-3A-24	3 NO	2085	24	16.80	2.4	
201-3A-48	3 NO	7940	48	33.60	4.8	

SERIES 300 IN LINE 1.0" X 0.15" GRID



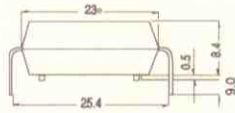
RELAY TYPE	CONTACT TYPE	COIL RESISTANCE (OHMS)	NOMINAL COIL VOLTAGE (VOLTS)	MUST OPERATE VOLTAGE (VOLTS)	MUST RELEASE VOLTAGE (VOLTS)	PIN CONFIGURATION (TOP VIEW)
301-1A-05	1 NO	400	5	3.75	0.5	
301-1A-12	1 NO	1300	12	8.40	1.2	
301-1A-24	1 NO	3320	24	16.80	2.4	
301-1A-48	1 NO	6970	48	33.60	4.8	
301-1C-05	1 CO	400	5	3.75	0.5	
301-1C-12	1 CO	1300	12	8.40	1.2	
301-1C-24	1 CO	3320	24	16.80	2.4	
301-1C-48	1 CO	6970	48	33.60	4.8	
301-2A-05	2 NO	400	5	3.75	0.5	
301-2A-12	2 NO	1300	12	8.40	1.2	
301-2A-24	2 NO	3320	24	16.80	2.4	
301-2A-48	2 NO	6970	48	33.60	4.8	
301-2C-05	2 CO	400	5	3.75	0.5	
301-2C-12	2 CO	1300	12	8.40	1.2	
301-2C-24	2 CO	3320	24	16.80	2.4	
301-2C-48	2 CO	6970	48	33.60	4.8	
301-3A-05	3 NO	400	5	3.75	0.5	
301-3A-12	3 NO	1300	12	8.40	1.2	
301-3A-24	3 NO	3320	24	16.80	2.4	
301-3A-48	3 NO	6970	48	33.60	4.8	

SERIES 400 SINGLE IN LINE 0.2" X 0.4" X 0.2" GRID

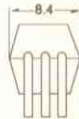


RELAY TYPE	CONTACT TYPE	COIL RESISTANCE (OHMS)	NOMINAL COIL VOLTAGE (VOLTS)	MUST OPERATE VOLTAGE (VOLTS)	MUST RELEASE VOLTAGE (VOLTS)	PIN CONFIGURATION (TOP VIEW)
401-1A-04	1 NO	500	4	3.5	0.5	
401-1A-05	1 NO	125	5	3.5	0.5	
401-1A-12	1 NO	500	12	8.4	1.2	
401-1A-24	1 NO	2000	24	16.8	2.4	
401-1C-04	1 CO	500	4	3.5	0.5	
401-1C-05	1 CO	125	5	3.5	0.5	
401-1C-12	1 CO	500	12	8.4	1.2	
401-1C-24	1 CO	2000	24	16.8	2.4	

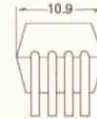
SERIES 500 AXIAL 1.0" X 0.1" GRID



1 POLE



2 POLE

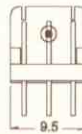


RELAY TYPE	CONTACT TYPE	COIL RESISTANCE (OHMS)	NOMINAL COIL VOLTAGE (VOLTS)	MUST OPERATE VOLTAGE (VOLTS)	MUST RELEASE VOLTAGE (VOLTS)	PIN CONFIGURATION (TOP VIEW)
501-1A-05	1 NO	190	5	3.75	0.5	
501-1A-12	1 NO	500	12	8.40	1.2	
501-1A-24	1 NO	2000	24	16.80	2.4	
501-1C-05	1 CO	190	5	3.75	0.5	
501-1C-12	1 CO	500	12	8.40	1.2	
501-1C-24	1 CO	2000	24	16.80	2.4	
501-2A-05	2 NO	85	5	3.75	0.5	
501-2A-12	2 NO	410	12	8.40	1.2	
501-2A-24	2 NO	1500	24	16.80	2.4	
501-2C-05	2 CO	85	5	3.75	0.5	
501-2C-12	2 CO	410	12	8.40	1.2	
501-2C-24	2 CO	1500	24	16.80	2.4	

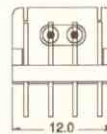
SERIES 600 IN LINE 1.0" X 0.1" GRID



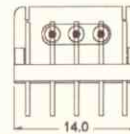
1 POLE



2 POLE



3 POLE

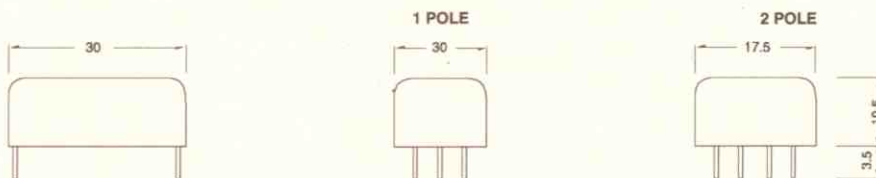


RELAY TYPE	CONTACT TYPE	COIL RESISTANCE (OHMS)	NOMINAL COIL VOLTAGE (VOLTS)	MUST OPERATE VOLTAGE (VOLTS)	MUST RELEASE VOLTAGE (VOLTS)	PIN CONFIGURATION (TOP VIEW)
601-1A-05	1 NO	240	5	3.75	0.5	
601-1A-12	1 NO	960	12	8.40	1.2	
601-1A-24	1 NO	3840	24	16.80	2.4	
601-1A-48	1 NO	15400	48	33.60	4.8	
601-1C-05	1 CO	240	5	3.75	0.5	
601-1C-12	1 CO	960	12	8.40	1.2	
601-1C-24	1 CO	3840	24	16.80	2.4	
601-1C-48	1 CO	15400	48	33.60	4.8	
601-2A-05	2 NO	145	5	3.75	0.5	
601-2A-12	2 NO	500	12	8.40	1.2	
601-2A-24	2 NO	2300	24	16.80	2.4	
601-2A-48	2 NO	9200	48	33.60	4.8	
601-2C-05	2 CO	145	5	3.75	0.5	
601-2C-12	2 CO	500	12	8.40	1.2	
601-2C-24	2 CO	2300	24	16.80	2.4	
601-2C-48	2 CO	9200	48	33.60	4.8	
601-3A-05	3 NO	105	5	3.75	0.5	
601-3A-12	3 NO	415	12	8.40	1.2	
601-3A-24	3 NO	1660	24	16.80	2.4	
601-3A-48	3 NO	6760	48	33.60	4.8	

RELAY TYPE	CONTACT TYPE	COIL RESISTANCE (OHMS)	NOMINAL COIL VOLTAGE (VOLTS)	MUST OPERATE VOLTAGE (VOLTS)	MUST RELEASE VOLTAGE (VOLTS)	PIN CONFIGURATION (TOP VIEW)
701-1A-05	1 NO	200	5	3.75	0.5	
701-1A-12	1 NO	500	12	8.40	1.2	
701-1A-24	1 NO	2100	24	16.80	2.4	
701-1C-05	1 CO	200	5	3.75	0.5	
701-1C-12	1 CO	500	12	8.40	1.2	
701-1C-24	1 CO	2100	24	16.80	2.4	
701-2A-05	2 NO	150	5	3.75	0.5	
701-2A-12	2 NO	275	12	8.40	1.2	
701-2A-24	2 NO	1100	24	16.80	2.4	
701-2A-48	2 NO	5000	48	33.60	4.8	
701-2C-05	2 CO	150	5	3.75	0.5	
701-2C-12	2 CO	275	12	8.40	1.2	
701-2C-24	2 CO	1100	24	16.80	2.4	
701-2A-48	2 CO	5000	48	33.60	4.8	

SERIES 800 IN LINE 1" X 0.1" GRID

MINIATURE MERCURY WETTED CONTACT RELAYS

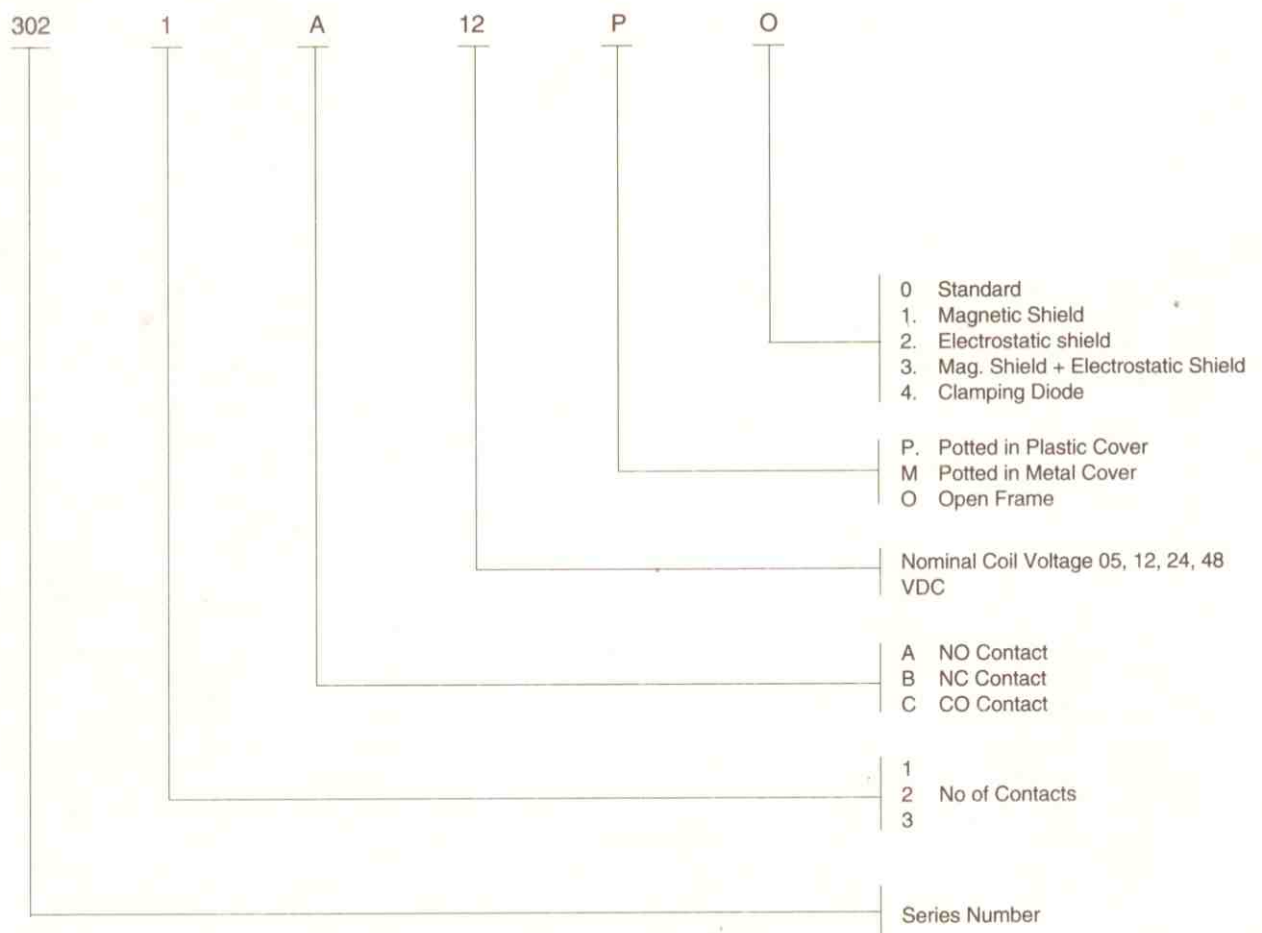


RELAY TYPE	CONTACT TYPE	COIL RESISTANCE (OHMS)	NOMINAL COIL VOLTAGE (VOLTS)	MUST OPERATE VOLTAGE (VOLTS)	MUST RELEASE VOLTAGE (VOLTS)	PIN CONFIGURATION (TOP VIEW)
801-1A-05	1 N/O	200	5	3.75	0.15	
801-1A-12	1 N/O	930	12	9.00	0.70	
801-1A-24	1 N/O	3250	24	18.00	1.40	
801-1C-05	1 C/O	155	5	3.75	0.40	
801-1C-12	1 C/O	655	12	9.00	1.00	
801-1C-24	1 C/O	2450	24	18.00	2.00	
801-2A-05	2 N/O	100	5	3.75	0.15	
801-2A-12	2 N/O	675	12	9.00	0.70	
801-2A-24	2 N/O	2480	24	18.00	1.40	
801-2C-05	2 C/O	8575	5	3.75	0.15	
801-2C-12	2 C/O	350	12	9.00	1.00	
801-2C-24	2 C/O	1350	24	18.00	2.00	

CONTACT SPECIFICATIONS

CONTACT FORM		FORM A	FORM C
CONTACT RATING	Watts	10	3
SWITCHING VOLTAGE	VDC max.	200	28
SWITCHING CURRENT	Amp. max.	0.5	0.25
INITIAL CONTACT RESISTANCE	mOhms max.	150	200
BREAK DOWN VOLTAGE	VDC min.	300	200
OPERATE TIME INCLUDING BOUNCE	m. Sec.	1.0	1.0
DIELECTRIC STAND OFF			
Across Contacts	VDC	300	200
Coil to Contact	VDC	1000	1000
Cover to Contact	VDC	1000	1000
INSULATION RESISTANCE			
Across Contacts	ohms	10 ⁹ at 100 VDC	10 ⁹ at 100 VDC
Coil to Contact	ohms	10 ⁹ at 500 VDC	10 ⁹ at 500 VDC
ENVIRONMENTAL			
VIBRATION	G	20	20
SHOCK	G	20	20
TEMPERATURE	°Celcius	-40 to + 70	-40 to + 70
MOUNTING		ANY POSITION	

HOW TO ORDER



REED RELAYS

Hamilton Electronics Dry Reed Relays offer the most economical solution of a wide range of switching applications like low level switching, computers, business machines and Telecommunications etc.

FEATURES

- Sensitive in operation
- Small size
- High insulation resistance
- High reliability
- Long life
- High switching voltage capability using pressurised Reeds.
- Fast switching capability

OPTIONS

Hamilton Electronics offers the following options on special request.

- Magnetic shield/Electrostatic shield/Clamping diodes are available on request.
- Above relays can be potted in plastic Cover/Metal Cover on request.
- Relays with NC contacts as well as NO+NC contact combination are also available.

CUSTOMER SPECIAL

- Hamilton Electronics** undertakes manufacturing of custom made Relays. Need technical specifications & drawings.
- Mercury wetted contact Relays
- Field Failure Relays

APPLICATIONS

- Telecommunication Equipments.
- Office Automation Equipments.
- Testing & Measuring Instruments.
- Dataloggers/Process Control Equipments.

OTHER PRODUCTS MANUFACTURED

- Magnetic Proximity Switches.
- Inductive Proximity switches.
- Ferrite Coils & Transformers.
- Electronic Sub assemblies.

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