

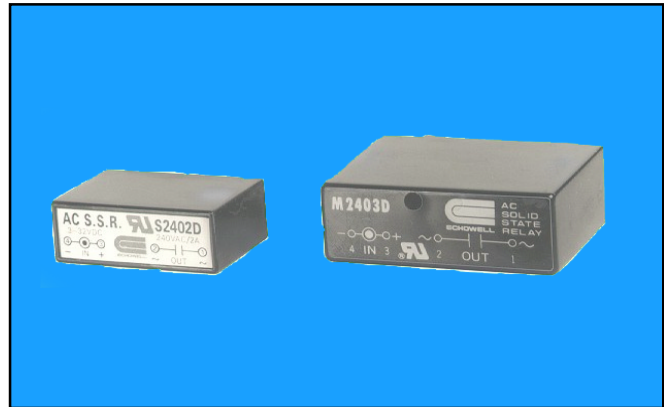


Solid State PCB Mounting Relays

S24/M24

TECHNICAL FEATURES

- ✍ PCB MOUNTING SOLID STATE RELAYS IN STANDARD PACKAGES & PIN OUTS
- ✍ PHOTO ISOLATED TTL & CMOS COMPATIBLE
- ✍ HIGH LOAD TRANSIENT IMMUNITY
- ✍ 3-32V DC ZERO CROSSING INPUTS
- ✍ RMS RATINGS OF 2 & 3 AMPS
- ✍ BLOCKING VOLTAGE 600 VOLTS



TECHNICAL SPECIFICATION

TYPES	S2402D	M2403D
OUTPUT CIRCUITS		
Max. load current (Arms)	2	3
Max. 1-cycle peak surge current 60Hz/50Hz (A)	50/45	85/75
Nominal line voltage (Vrms)	230	230
Switching voltage range (Vrms)	24 - 280	24 - 280
Min. blocking voltage (V)	± 600	± 600
Max. off-state leakage (mArms)	5	5
Max. ON-state voltage (V)		1.5
Min. OFF-state dv/dt (V/μs)		100
Min. load current (mArms)	50	50

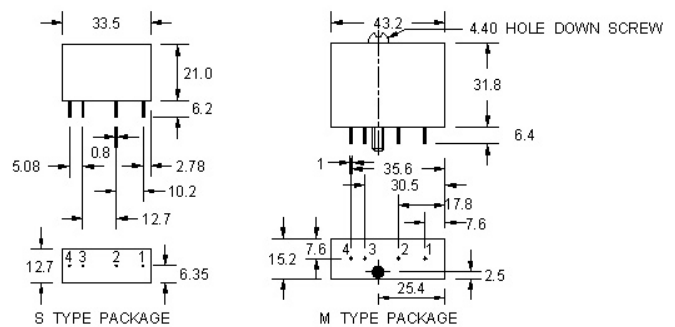
INPUT CIRCUITS	
Nominal voltage rating	3-32V DC
Must-operative voltage	3V DC
Must-release voltage	1V DC
Input impedance	2.2K +LED
Input current	0.45mA per volt

GENERAL RATING	
Isolation input to output	2500V rms
Isolation input/ output to case	2500V rms
Frequency range	47 - 63Hz
Turn-on/ Turn-off time	No longer than 1/2 AC cycle
Operating temperature	-20 °C + 80 °C
Storage temperature	-40 °C + 100 °C

ORDERING DETAILS

S2402D
M2403D

DIMENSION & CASE DETAILS



Dimensions in mm.

CONNECTIONS & INTERNAL CIRCUIT

DC INPUT CONTROL VOLTAGE, ZERO-CROSSING TYPE

