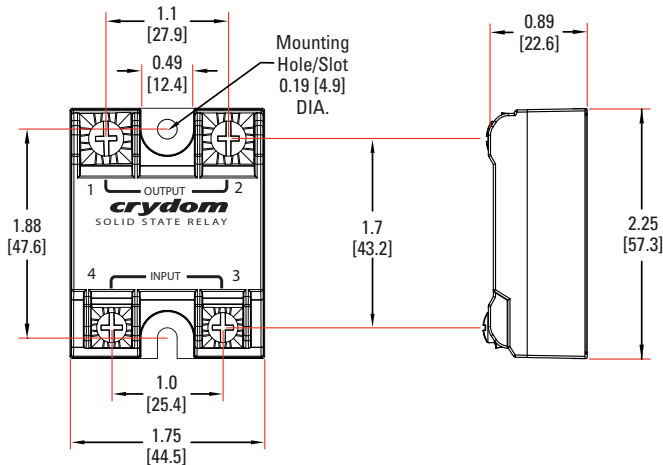


## MECHANICAL SPECIFICATIONS <sup>(1)</sup>

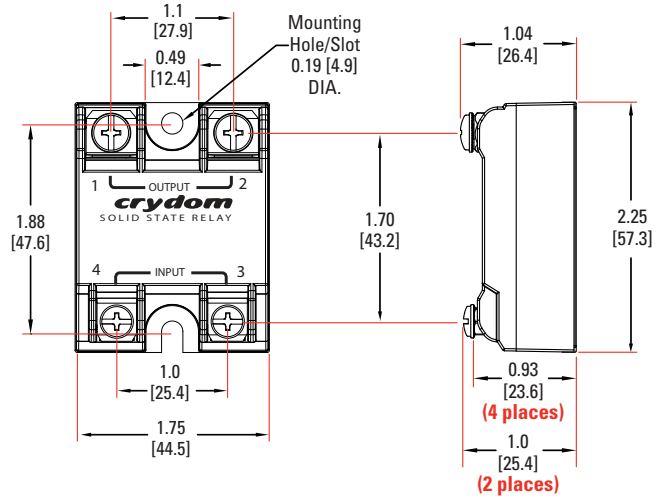
Tolerances: ±0.02 in / 0.5 mm

All dimensions are in: inches [millimeters]

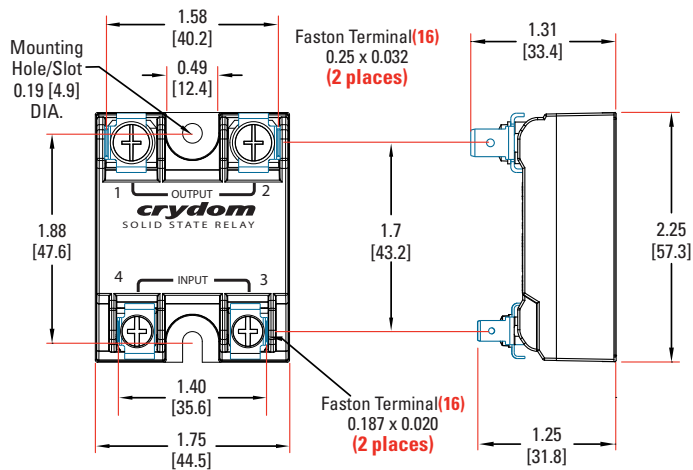
### Screw Termination



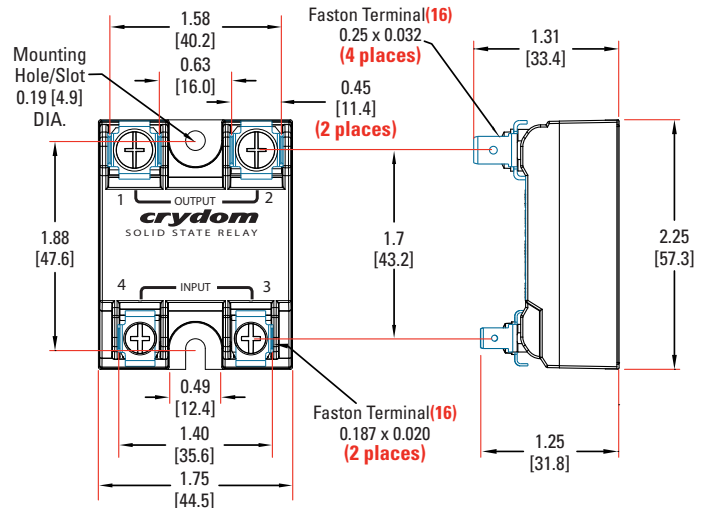
### Hex Standoff Termination ("K" Option) <sup>(14)</sup>



### Quick Connect Termination ("F" Option) - Up to 25 Amp <sup>(7)</sup>



### Quick Connect Termination ("F" Option) - Up to 50 Amp <sup>(7)</sup>



## GENERAL NOTES

- (1) All parameters at 25°C unless otherwise specified.
- (2) For "S" option, operating voltage frequency is 47-63Hz.
- (3) For parts with option "S" maximum leakage current is 10mA.
- (4) Heat sinking required, see derating curves. For "K" option maximum current up to 50 Amp.
- (5) Increase minimum voltage by 1V for operations from -20 to -40°C.
- (6) Turn-on time for Instantaneous turn-on versions is 0.02 msec (DC Control Models).
- (7) Single pair (up to 25A) Double pair\* (50A model only). \*Caution: User must connect to both pairs.
- (8) Output will self trigger between 900-1200Vpk, Min. power factor 0.7 or higher, not suitable for capacitive loads.
- (9) Instantaneous turn-on version is not recommended for capacitive loads. Use zero turn-on only.
- (10) Elective Input Status LED, "G" option.
- (11) Elective Overvoltage Protection, "P" option.
- (12) Elective Internal Snubber, "S" option.
- (13) Load can be wired to either SSR output terminal 1 or 2.
- (14) Option "K" is intended only for use in attaching a printed circuit board to the SSR or mounting the SSR to a printed circuit board (PCB minimum thickness is 0.031 in)
- (15) All parameters at 50% power rating and 100% duty cycle (contact Crydom tech support for detailed report).
- (16) Mechanical dimensions vary from G3 models.

For additional information or specific questions, contact Crydom Technical Support.