



4DN SERIES 3/4"

SINGLE PHASE
MOTOR PROTECTOR

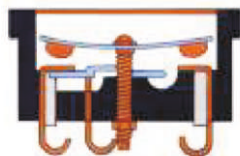
PRODUCT OVERVIEW

"Krishna" 4DN Series 3/4" Single Phase Motor Protector is normally closed. It has make or brake contact system, which is operated by a snap action disc and it is sensitive to both temperature and current.

KEY FEATURES

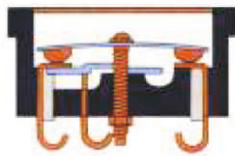
- ◇ Precision calibration - temperature calibrated and inspected under controlled conditions for dependable performance.
- ◇ Easy installation.
- ◇ Inherent protection devices used in applications such as industrial motors agricultural equipment, well and sump pumps, fans, air conditioners refrigerators, home appliances, etc.
- ◇ When properly applied, protector stops power supply to motor when temperature exceeds maximum safe level due to an overload or locked rotor condition.
- ◇ Auto reset type.
- ◇ Sensitive to both temperature and current.

Contacts Open



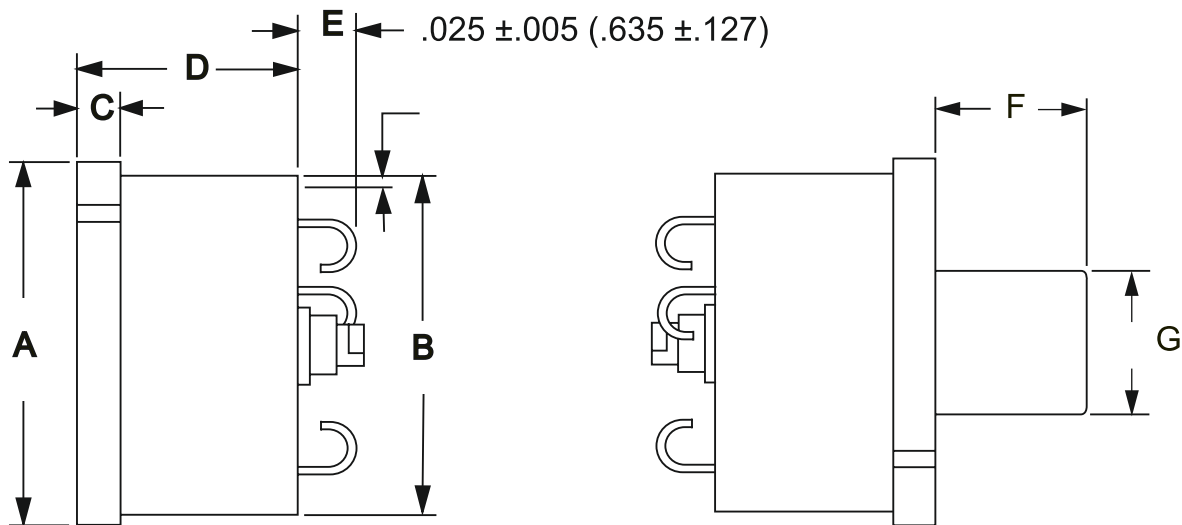
"Krishna" Phenolic Motor Protectors are equipped with a bimetallic snap acting disc, on which the contacts are welded, and through which the current flows. If overheating conditions occur, the heating effect of the current flow through the disc and the influence of motor heat will cause the disc temperature to rise.

Contacts Closed



When the disc reaches the preset temperature level, the protector automatically opens and stop current flow to the motor, limiting the winding and shell temperature. When the motor has cooled down to an acceptable operating level, allowing the protector to cool to its reset temperature, the "Krishna" protector resets automatically to a closed contact position allowing the motor to restart.

Dimensional Drawings (Single Phase Types) Round Base



A	B	C	D	E Max.	F	G
1.031 ±.010	.970 ±.006	.125 ±.005	.625 ±.010	.171	23/64 ±1/32	.375 ±.006

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