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ITEM # 22102-122, 22.5 MM OPERATORS

Features/Applications

Available in Lockable, Push-Pull, and Momentary versions, the following switches are hand operated, control circuit devices, rated 'Heavy Duty' normally for use with electromagnetic equipment. The body is made from die-cast zinc. The mushroom shaped plungers are molded from DuPont Delrin 100ST Acetal for improved impact resistance and are solid colors throughout.

- UL/NISD E357870
- Nema 12/13, IP 65
- Gold Plated Contacts

Each operator will accept up to three tiers of two contact blocks for a total of six separate blocks. Each operator is supplied with all mounting hardware and a Buna-N (NBR) o-ring which provides an oil tight seal upon installation. The mechanical life of these units is 1,000,000 operations.

These devices can be found on a variety of machinery, used to perform such operations as 'start', 'stop', 'top stop', 'inch', 'jog', 'on', 'off', 'forward', 'reverse', etc.

The 22102 series satisfies the requirements of IEC 60947-5-5 – 3.9 direct opening action (positive opening action) (of a contact element); when one or more of any of our normally closed contact blocks are fitted on any red operator. This is commonly referred to as "Positive Break", meaning the breaking of the normally closed contact(s) is not dependent upon springs.

Electrical Ratings

"HEAVY DUTY – A600 / N150"

List Price

\$237.30

Environmental Temperature Range

Operating: +32°F to +131°F (0°C to +55°C)

Storage: -40°F to +185°F (-40°C to +85°C)

Note: Operating temperatures at 0°C are based on the absence of freezing moisture and liquids.

| Normal Potential | Normal Current | Inrush Current |
|-------------------------------|----------------|----------------|
| 110-120 ac ^a volts | 6.0 amp. | 60.0 amp. |
| 220-240 ac ^a | 3.0 amp. | 30.0 amp. |
| 440-480 ac ^a | 1.5 amp. | 15.0 amp. |
| 550-600 ac ^a | 1.2 amp. | 12.0 amp. |
| 115-125 dc ^b | 2.2 amp. | ----- |
| 230-250 dc ^b | 1.1 amp. | ----- |

^a Power factor 0.35 or less

^b Inductive loads as specified in Section 125 of Industrial Control Devices, Controllers and Assemblies, ANSI / NEMA ICS 2-1988

WARNING - DANGER

These products should only be used where point-of-operation guarding devices have been properly installed & maintained so that appropriate OSHA and ANSI B11.1 regulations & standards are met. Misapplication of the products on machinery lacking effective point-of operation safeguards can cause serious injury to the operator of that machinery.

AVERTISSEMENT - DANGER

Ces produit doivent seulement être utilisés sur des postes à risque correctement sécurisés et entretenus afin d'être conforme aux standards et réglementations en vigueur (CSA, CLC). Un mauvais usage de ces produits sur des machines et des postes de travail non sécurisés de manière efficace peut causer des blessures graves au technicien maniant ces machines.



SPECIFICATIONS

| | |
|---------------------------|---|
| Operator Color | Red |
| Padlock Feature | Yes |
| Switch Type | Maintained UL/NISD |
| Positive Opening Contact | Yes  |
| Adapter Included | No |
| Legend Plate Included | No |
| Contact Block(s) Included | (2) 50703 (2) NO/NC |