



Motor ExcessRun Protection

The **1020** is a special purpose on delay timer for electric motor over-run protection. It is equipped with transient protection and housed in a metal enclosure for maximum noise immunity. LED show's timed out condition, and has a reset button.

ORDERING DATA

ORDERING CODE 1020 - B - W - B

BASIC MODEL NUMBER
1020

INPUT VOLTAGE
D 24V AC/DC
A 48V AC/DC
B 120VAC/125VDC
C 240VAC/250VDC

TIME RANGE
W Factory Fixed 3 min
Available from 0.5 to 20 min.
Customer specified

TIMING FUNCTION
On delay

OUTPUT
A Relay 1 N.O. 1 N.C.
B Relay DPDT

ACCESSORIES
See accessory section for details

Locking attachment RP-217

SPECIFICATIONS

INPUT
VOLTAGE: 24V AC/DC, 48V AC/DC, 120VAC/125VDC, 240VAC/250VDC
TOLERANCE (VOLTAGE): ± 15% of nominal, ± 10% for 24V
POWER CONSUMPTION: 16 W maximum
TRANSIENT PROTECTION: MOV

OUTPUT
TYPE: Electromechanical relay
RATING: 3A @ 150 VDC maximum
10A @ 240 VAC 80% PF maximum

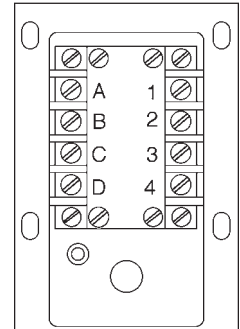
TIMING
AVAILABLE TYPE: On delay
REPEAT ACCURACY: ± 1% of setting
RESET TIME: 50 msec minimum
TIME RANGE: Factory Fixed to customer specifications. Available from 0.5 to 20 min.
RANGE TOLERANCE: ≤ 10% at maximum, ≤ 0% at minimum

PHYSICAL
OPERATING TEMP: -40° to 65° C (-40° to 150°F)
TIMING VARIATION VS. TEMP: ± 5% maximum
MOUNTING: Base mount
TERMINATION: Terminal blocks on face of timer
HOUSING: Metal
HI-POT: 1500V terminals to case, 1200V between open contacts

WIRING

- OUTPUT A**
A-B Voltage input
1-2 N.C. timed(1 positive)
3-4 N.O. timed(4 positive)
- OUTPUT B**
A-B Voltage input
2-1 N.C. timed(2 positive)
2-3 N.O. timed(2 positive)
D-4 N.C. timed(D positive)
D-C N.O. timed(D positive)

Wiring Terminal Location



In DC applications indicated polarity provides optimum arc suppression

DIMENSIONS Inches (millimeters)

