

REVERSE POLARITY MODULE

DESCRIPTION

The Reverse Polarity Module (RPM), P/N 10-2254, provides two (2) individual nonsupervised, reverse polarity contacts intended for connection to a polarity reversal circuit of an Underwriter's Laboratories (UL) approved remote station receiving unit having compatible ratings (direct leased line connection). The module mounts directly to the associated control panel circuit board using mounting hardware provided with the module.

SPECIFICATIONS

Current Consumption: 30mA per active output/ alarm
 P42 Terminal (removable): Accepts 12-14 AWG
 Two 24 VDC reverse polarity outputs rated for 30 mA
 Supervised and power-limited
 Dimensions (LxWxD): 3.5" x 1.5" x 2" (8.9cm x 3.8cm x 5.08cm)
 Weight: 0.08 lbs. (36 grams)
 Operating Temp: 32°F to 120°F (0°C to 49°C)
 Operating Humidity: 93% RH, non-condensing
 Compatibility: RPM is compatible with Fike's Cheetah®, Cheetah® Xi, CyberCat® 254 and 1016 fire alarm and suppression panels

APPROVALS:

- UL Listed - S2203
- FM Approved - 3020297 (CyberCat) 3023436 (Cheetah Xi)
- City of New York - 307-05-E (Cheetah Xi) 490-04-E (CyberCat)
- CSFM - 7165-0900:137 (Cybercat) 7165-0900:149 (Cheetah Xi)
- City of Denver
- Kingdom of Bahrain
- Taiwan
- OSHPD

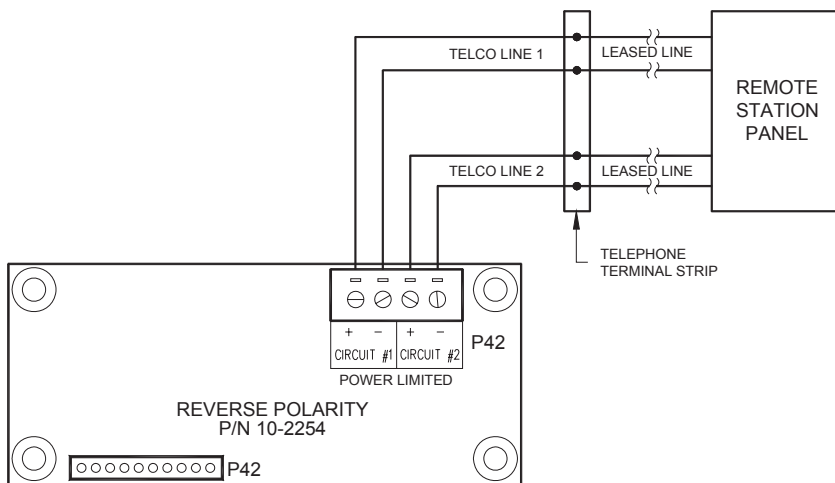
OPERATION

During normal system operation, the RPM sends a steady signal over one or two pairs of leased telephone lines to the monitoring station. Alarm, Trouble and Supervisory conditions are communicated to the monitoring station by either reversing or interrupting the polarity of the steady signal.

ORDERING INFORMATION

Fike P/N	Description
10-2254	Reverse Polarity Module
02-12031	Standoff Hardware Kit (kit includes P/N 02-3794 and 02-1589)
02-3794	Standoff, 1.25" F/F, 6x32 hex (qty 4)
02-1589	Screw, 6-32 x 0.375 Phillips (qty 8)

WIRING DIAGRAM



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