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

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

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