



## Defender Turbine Trip Switch

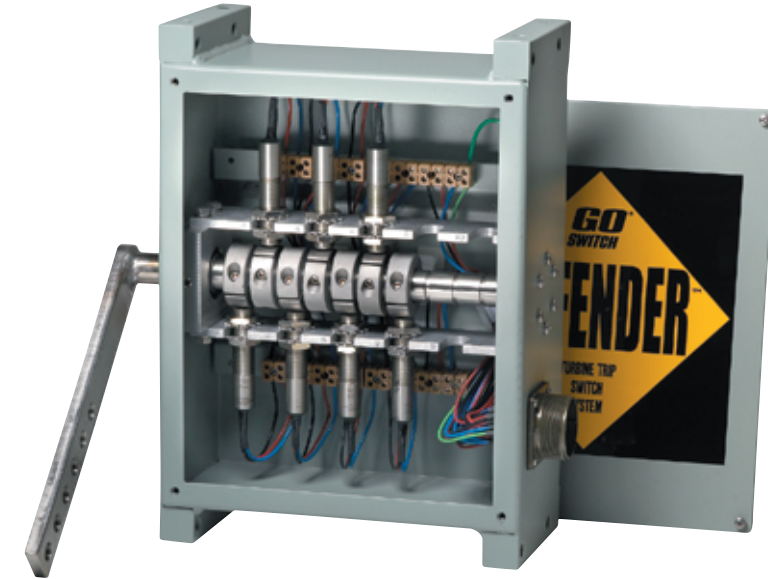
In the power generation industry, reliability is a must. This is especially true when it comes to turbine control valves. But one of the more common difficulties in power plants is the typical limit switch arrangement on throttle, governor, intercept, and reheat stop valves. Conventional limit switches in this application are notorious for failing due to heat and physical abuse, and for falling out of tolerance and requiring readjustment.

TopWorx has solved this problem with the Defender turbine trip switch system. Made especially for turbine valves, the Defender is packed with up to 10 reliable GO Switch leverless limit switches, and is designed as a direct, drop-in replacement for existing OEM limit switches on Westinghouse or General Electric turbines.

**FAST TRACK DELIVERY**

**48-07000-000**  
Turbine Valve Monitoring System with 7 GO Switches

## Dimensions



Model	GO Switches	Wiring Options
<p> <b>48</b> Defender Turbine Valve Monitoring System</p> <p>Heavy Duty 11 Gauge Steel 12" x 10" x 5" - ANSI 61 Light Gray</p>	<p>Model 74-LLS: SPDT, environmentally sealed, rated 4A @ 120VAC, 3A @ 24VDC, maximum 240 VAC or 240VDC, with prewired HiTemp™ Teflon lead wires</p> <p>Choose number of switches (minimum 1, maximum 10)</p> <p><b>010000</b> One Leverless Limit Switch  <b>020000</b> Two Leverless Limit Switches  <b>030000</b> Three Leverless Limit Switches  <b>040000</b> Four Leverless Limit Switches  <b>050000</b> Five Leverless Limit Switches  <b>060000</b> Six Leverless Limit Switches  <b>070000</b> Seven Leverless Limit Switches  <b>080000</b> Eight Leverless Limit Switches  <b>090000</b> Nine Leverless Limit Switches  <b>100000</b> Ten Leverless Limit Switches</p>	<p> <b>00</b> Male/Female Mil Spec Quick Disconnect with back shell connection to 1-1/4" flex conduit</p> <p><b>01</b> Male/Female Mil Spec Quick Disconnect with 25 ft. of cable</p> <p><b>02</b> Male/Female Mil Spec Quick Disconnect with 50 ft. of cable</p> <p><b>03</b> Male/90° Female Mil Spec Quick Disconnect with back shell connection to 1-1/4" flex conduit</p> <p><b>04</b> Male/90° Female Mil Spec Quick Disconnect with 25 ft. of cable</p> <p><b>05</b> Male/90° Female Mil Spec Quick Disconnect with 50 ft. of cable</p> <p><b>06</b> Male/45° Female Mil Spec Quick Disconnect with back shell connection to 1-1/4" flex conduit</p> <p><b>07</b> Male/45° Female Mil Spec Quick Disconnect with 25 ft. of cable</p> <p><b>08</b> Male/45° Female Mil Spec Quick Disconnect with 50 ft. of cable</p> <p><b>10</b> Male/90° Female Mil Spec Quick Disconnect with 25 ft. of HiTemp™ cable</p> <p><b>12</b> Male/Female Mil Spec Quick Disconnect with 75 ft. of cable</p> <p><b>13</b> Male/90° Female Mil Spec Quick Disconnect with 100 ft. of cable</p> <p><b>16</b> Male/90° Female Mil Spec Quick Disconnect with 50 ft. of HiTemp™ cable</p> <p><b>Accessories</b>  <b>ACP48</b> DEFENDER Calibration Unit  <i>Only one unit is required to calibrate any quantity of Defender Systems</i></p> <p><b>74-LLS</b> Replacement GO Switch and Target Cam Package</p>
<p>Model <b>48</b></p>	<p>GO Switches <b>__0000</b></p>	<p>Wiring Options</p>

### Ordering Guide

Fill in the boxes to create your 'ordering number.'

