



AlphaEye[®]

Triple IR Flame Detector RX500

SPECIFICATIONS		SPECIFICATIONS	
<p><u>General</u></p> <p>Spectral Response Triple Infrared</p> <p>Detection Range 200ft(60m) for n-Heptane fire</p> <p>Field of View Horizontal 90°, Vertical 90°</p> <p>Response Characteristics Typical 5sec</p> <p>Temperature Range Operating : -40°C to +75°C. Storage : -50°C to +80°C.</p> <p>Humidity Range 0 to 95% relative humidity</p>		<p><u>Output</u></p> <p>Relays</p> <p>Fire Alarm: - Form A - normally de-energized - latching - Contacts rated 2A at 30 vdc.</p> <p>Fault Alarm : - From B - normally Energized - Contacts rated 2A at 30 vdc.</p> <p>Serial Communication</p> <p>RS-485 / PLC Proprietary communication</p>	
<p><u>Electrical</u></p> <p>Operating Voltage Typical DC24V (18 to 30)</p> <p>Power Consumption 3W maximum at 24 vdc</p> <p>Wiring 14 AWG(2.08 mm²) to 24 AWG(0.205 mm²) shielded cable recommended.</p> <p>Electromagnetic Compatibility EMC protected</p>		<p><u>Approvals</u></p> <p>Performance FM3260, CCCF, KFI ATEX, IECEx, NEPSI, KGS</p> <p>Explosion proof Ex db IIB+H2 Gb (T6)</p> <p>Water and dust tight IP66</p>	
<p><u>Mechanical</u></p> <p>Dimensions 94 x 96 x 105 mm 3.70 x 3.78 x 4.13 Inch</p> <p>Enclosure Material Aluminium</p> <p>Shipping Weight 1.8 kg(Including Bracket)</p> <p>Color Red</p> <p>Conduit Entry Size M20 or 1/2"PF</p>		<p><u>Accessoris</u></p> <p>Fire Simulator TLX300 (Ex-proof Type)</p> <p>Tilt mount MB-01</p> <p>Sun shade SUS</p> <p>Air Shield / Air Jet MA-01 / MA-02</p>	