The SERIES MTL5541 Galvanic Barrier provides intrinsically safe isolation for communication with Dwyer® transmitters approved for use in hazardous areas. This galvanic barrier eliminates the need for a high integrity earth ground required when using shunt type diode type safety barriers. DIN rail mounting and plug-in signal and power connectors simplify installation and maintenance.

**FEATURES/BENEFITS**
- Designed to mount on most standard DIN rails
- Approved for use in hazardous areas
- Electrically isolates pressure and level transmitters from unregulated circuits for intrinsically safe applications

**APPLICATIONS**
- Used to isolate voltages for intrinsically safe applications for HHT series
- Approved for use in hazardous areas

**SPECIFICATIONS**
- Hazardous Area Input: Signal range: 0 to 24 mA (including over-range).
  - Transmitter voltage: 16.5 V at 20 mA.
- Safe Area Output: Signal range: 4 to 20 mA, Underload-range: 0 to 24 mA.
- Power Requirement: 20 to 35 VDC
- Maximum Power Dissipation: 150 mW at 24 VDC and V < 0.4 V

**ACCESSORIES**
- MTL 5541
- FM for class I, II, III, div. 1 groups A, B, C, D; Class I, Zone 2, AExnA IIC; Ex nA IA [ia] IIC; Ex nC [ia] IIC

**TABLE**

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<thead>
<tr>
<th>Model Description</th>
<th>Approval</th>
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<td>A-360 Aluminum DIN rail 1 m</td>
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