

## GEP-6410GSFPIN

### Specification

|                                    |  |
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| <b>IEEE Standard</b>               | <p>IEEE 802.3ab 1000Base-T Gigabit Ethernet<br/>         IEEE 802.3an 10GBase-T Ethernet<br/>         IEEE 802.3af for PoE<br/>         IEEE 802.3at for PoE+/PoE++<br/>         IEEE 802.3bt<br/>         Compliant with 60W uPoE standard<br/>         Compliant with 95W Power over HDBaseT (PoH) standard</p>                                  |
| <b>Media Supported</b>             | <p>1000Base-T: Cat5 UTP/STP, max. 100 m (330 ft.)<br/>         10GBase-T: Cat6a UTP/STP, max. 50 m (164 ft.)</p>   |
| <b>Work Mode</b>                   | <p>1000Base-T to 1000Base-X<br/>         10GBase-T to 10GBase-LR/SR/BX</p>   |
| <b>Network Connector</b>           | <p>1 xRJ-45 1G/10GBase-T auto negotiation,<br/>         Auto MDI/MDI-X function, Full/Half duplex<br/>         1 x 1G/10GBase-X SFP</p>  |
| <b>Protocol</b>                    | CSMA/CD  |
| <b>LED</b>                         | <p>PW1 (Green): ON – Power 1 is detected<br/>         PW2 (Green): ON – Power 2 is detected</p>  |
|                                    | <p>RJ-45 port:<br/>         POE: ON – PSE is in active mode.<br/>               OFF – PSE is in idle mode.<br/>         LNK/ACT (Green):<br/>         ON – TX port is detected<br/>         Flashing – TX data is transmitting/receiving<br/>         10G (Green): ON – TX port speed is 10G<br/>         1G (Green): ON – TX port speed is 1G</p> |
|                                    | <p>SFP port:<br/>         SFP (Green): ON – SFP port is detected<br/>                           Flashing – data is transmitting/receiving</p>  |
| <b>PoE power</b>                   | <p>Maximum 70Watts with 56VDC input at environment 75°C<br/>         Maximum 90Watts with 56VDC input at environment 60°C</p>  |
| <b>PoE Pin Assignment</b>          | <p>Pin 1 (V-), 2 (V-), 3 (V+), 6 (V+)<br/>         Pin 4 (V+), 5 (V+), 7 (V-), 8 (V-)</p>  |
| <b>Reverse Polarity Protection</b> | Present  |
| <b>Overload Current Protection</b> | Present  |
| <b>Power Supply</b>                | 4 pin terminal block with 52-56VDC Power Input   |
| <b>Power Consumption</b>           | 3 W@52 VDC full load   |

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| <b>Removable Terminal Block</b>         | Provide 4 pin terminal block<br>Wire range: 0.34mm <sup>2</sup> to 2.5mm <sup>2</sup><br>Solid wire (AWG):12-24/14-22<br>Stranded wire(AWG): 12-24/14-22<br>Torque:5lb-In/0.5Nm/0.56Nm<br>Wire Strip length: 7-8mm |
| <b>Operating Temperature</b>            | -40°C to 75°C  |
| <b>Operating Humidity</b>               | 5% to 95% (Non-condensing)   |
| <b>Storage Temperature</b>              | -40°C to 85°C  |
| <b>MTBF (mean time between failure)</b> | >500,000 hrs (Telcordia (Bellcore), GB) at 50°C  |
| <b>Housing</b>                          | Rugged Metal, IP30 Protection  |
| <b>Case Dimension (LxWxD)mm</b>         | 103.5 x 32 x 81.5 mm (LxWxD)   |
| <b>Installation</b>                     | DIN-Rail and wall mount brackets included  |
| <b>Certifications</b>                   |  |
| <b>Safety</b>                           | LVD (EN62368-1)  |
| <b>EMC</b>                              | CE, FCC, EN 55032/24   |
| <b>EMI</b>                              | CISPR 32, FCC Part 15B Class A   |
| <b>EMS</b>                              | IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV<br>IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV<br>IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV  |
| <b>Vibration</b>                        | EN 60068-2-6   |
| <b>Shock</b>                            | EN 60068-2-27  |
| <b>Free Fall</b>                        | EN 60068-2-32  |