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| <b>Product type designation</b>   | <b>RUGGEDCOM MX5000REPN LM M4CG02</b><br>LINE MODULE 4X 10/100/1000TX MICROD   |
| Suitability for operation   | MX5000RE   |
| <b>Interfaces</b>   |  |
| Number of electrical/optical connections / for network components or terminal equipment / maximum   | 4  |
| Number of electrical connections <ul style="list-style-type: none"> <li>• for network components or terminal equipment / maximum</li> </ul>   | 4  |
| Type of electrical connection <ul style="list-style-type: none"> <li>• for network components or terminal equipment</li> </ul>  | MicroD/SubD  |
| <b>Permitted ambient conditions</b>   |  |
| Ambient temperature <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> <li>• Note</li> </ul>  | -40 ... +85 °C<br>-40 ... +85 °C<br>-40 ... +85 °C<br>A maximum ambient operating temperature of +85 °C is permissible for a duration of 16 hours                          |
| Relative humidity / at 25 °C / without condensation / during operation / maximum  | 95 %   |
| Protection class IP   | IP40   |
| <b>Design, dimensions and weight</b>  |  |
| Design  | Media module   |
| Width   | 40 mm  |
| Height  | 180 mm   |
| Depth   | 240 mm   |
| Net weight  | 1 kg   |
| Coating   | Conformal Coating  |
| Mounting type <ul style="list-style-type: none"> <li>• Installation in media module slot</li> </ul>   | screwed<br>Yes   |
| <b>Standards, specifications, approvals</b>   |  |
| Standard <ul style="list-style-type: none"> <li>• for EMC</li> <li>• for safety / from CSA and UL</li> <li>• for hazardous zone / from CSA and UL</li> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul> | FCC Part 15 (Class A), EN55022 (CISPR22 Class A)<br>UL 60950-1, CSA C22.2 No. 60950-7<br>Hazardous Locations: Class 1 Division 2<br>EN 61000-6-4 (Class A)<br>EN 61000-6-2 |

|   |                             |
|---|-----------------------------|
| Certificate of suitability                          | EN 61000-6-2, EN 61000-6-10 |
| • CE marking  | Yes                         |
| • C-Tick  | No                          |
| • KC approval                                       | No                          |
| • E1 approval                                       | No                          |
| • Railway application in accordance with EN 50155   | Yes                         |
| • Railway application in accordance with EN 50124-1 | Yes                         |
| • IEC 61850-3                                       | Yes                         |

### Further Information / Internet Links

|  |   |
|--|---|
| Internet-Link                                    |   |
| • to website: Industry Mall/RUGGEDCOM selector   | <a href="http://ruggedcom-selector.automation.siemens.com">http://ruggedcom-selector.automation.siemens.com</a> |
| • to website: Siemens RUGGEDCOM                  | <a href="http://siemens.com/ruggedcom">http://siemens.com/ruggedcom</a>   |
| • to website: Selector for cables and connectors | <a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>   |
| • to website: Industrial communication           | <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>                             |
| • to website: Industry Mall                      | <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>                               |
| • to website: Information and Download Center    | <a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a>       |
| • to website: Image database                     | <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>                         |
| • to website: CAx Download Manager               | <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>   |
| • to website: Industry Online Support            | <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>                         |

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