

### product type designation



### Lightning protector LP798-2N

Lightning protector LP798-2N, Lightning protection element with N/N Female/female connection, IP65 (-40...+85 °C), 2 ... 6 GHz, with Quarter-Wave technology for SCALANCE W antennas, compact instructions as hard copy German/English.

|                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| product brand name                                                       | SIMATIC NET                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Technical Product Detail Page                                            | <a href="https://l.siemens.com/1P6GK5798-2LP10-2AA6">https://l.siemens.com/1P6GK5798-2LP10-2AA6</a>                                                                                                                                                                                                                                                                                                                                                                          |
| <b>interfaces</b>                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| type of electrical connection                                            | N-Connector                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| design of plug-in connection                                             | female / female                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>electrical data</b>                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| transmission frequency                                                   | 2000 ... 6000 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| insertion loss                                                           | = 0.2 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| impedance                                                                | 50 Ω                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ambient conditions</b>                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ambient temperature                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| • during operation                                                       | -40 ... +85 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| • during storage                                                         | -40 ... +85 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| • during transport                                                       | -40 ... +85 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| suitability for use                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| • for interior use                                                       | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| • for outside use                                                        | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| protection class IP                                                      | IP68                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>design, dimensions and weights</b>                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| width                                                                    | 89.599 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| diameter                                                                 | 29 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| net weight                                                               | 80 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>product features, product functions, product components / general</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| product feature / silicon-free                                           | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>further information / internet links</b>                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| internet link                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| • to website: Selection guide for cables and connectors                  | <a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>                                                                                                                                                                                                                                                                                                                                      |
| • to web page: selection aid TIA Selection Tool                          | <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>                                                                                                                                                                                                                                                                                                                                                                                              |
| • to website: Industrial communication                                   | <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a>                                                                                                                                                                                                                                                                                                                                                                                        |
| • to web page: SiePortal                                                 | <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>                                                                                                                                                                                                                                                                                                                                                                                                  |
| • to website: Image database                                             | <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>                                                                                                                                                                                                                                                                                                                                                                            |
| • to website: Industry Online Support                                    | <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>security information</b>                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| security information                                                     | Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible |

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