

### Product type designation

### OMC TP11-LD

SIMATIC NET, IE OMC TP11-LD OPTICAL MEDIA CONVERTER  
RJ45 ON MONOMODE FOC (BFOC) WITH 100MBIT UP TO 26 KM,  
REDUNDANT 24V DC SUPPLY, SIGNAL CONTACT



### Transmission rate

Transfer rate	100 Mbit/s
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### Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum	2
Number of electrical connections	
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	1
Type of electrical connection	
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	RJ45 socket (100 Mbit/s, 100BaseTX) for connection of TP cord or TP XP cord up to 6 m cable length
<ul style="list-style-type: none"> <li>for power supply and signaling contact</li> </ul>	1 x 6-pole plug-in terminal block, screw-contacts
Design of the optical interface	
<ul style="list-style-type: none"> <li>for OMC and OSM TP</li> </ul>	2 BFOC-Socket (100 Mbit/s, 100BaseFX) for Monomode (OMC TP11-LD)

### Supply voltage, current consumption, power loss

Supply voltage	
<ul style="list-style-type: none"> <li>external</li> </ul>	24 V
<ul style="list-style-type: none"> <li>external</li> </ul>	18 ... 32 V

Type of voltage / of the supply voltage	DC
Consumed current	
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	0.25 A
Power loss [W]	
<ul style="list-style-type: none"> <li>• at DC / at 24 V</li> </ul>	5 W

### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	60 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-20 ... +80 °C
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	-20 ... +80 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

### Design, dimensions and weight

Width	54 mm
Height	136.5 mm
Depth	69 mm
Net weight	0.35 kg
Mounting type	
<ul style="list-style-type: none"> <li>• 35 mm DIN rail mounting</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• screw connection</li> </ul>	Yes

### Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> <li>• CE marking</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• C-Tick</li> </ul>	Yes

### Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
<ul style="list-style-type: none"> <li>• to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
<ul style="list-style-type: none"> <li>• to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>• to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
<ul style="list-style-type: none"> <li>• to website: Image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

### Security information

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Security information

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