

### product type designation

### IE FC RJ45 modular outlet (insert 1GE)

IE FC RJ45 modular outlet Base module with insert 1GE Interchangeable insert for 1 x 1000 Mbit/s interface.



### transfer rate

transfer rate	
• 1 / for Industrial Ethernet	10 Mbit/s
• 2 / for Industrial Ethernet	100 Mbit/s
• 3 / for Industrial Ethernet	1000 Mbit/s

### interfaces

number of electrical connections	
• for Industrial Ethernet FC TP cables	1
• for network components or terminal equipment	1
type of electrical connection	
• for Industrial Ethernet FC TP cables	integrated insulation displacement contacts
• for FC RJ45 Modular Outlet Insert 1GE	1 x RJ45 socket (10/100/1000 Mbit/s)
• FastConnect	Yes

### mechanical data

material / of the enclosure	metal
number of reuses	10

### design, dimensions and weights

width	50 mm
height	115.25 mm
depth	58.95 mm
net weight	400 g
connectable cable cross-section	9.5 ... 9.5
fastening method	
• 35 mm DIN-rail mounting	Yes
• wall mounting	Yes

### ambient conditions

ambient temperature	
• during operation	-20 ... +70 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP40

### product features, product functions, product components / general

product feature	
• silicon-free	Yes

### standards, specifications, approvals

certificate of suitability	
• RoHS conformity	Yes

• UL approval	Yes
EMC immunity	
• according to EN 61000-4-2	Yes
• according to EN 61000-4-4	Yes
• according to EN 61000-4-5	Yes
• according to EN 61000-4-6	Yes
standard for structured cabling	Cat 6
reference code	
• according to IEC 81346-2:2019	KFA

#### further information / internet links

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://siemens.com/tst">https://siemens.com/tst</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: CAX-Download-Manager	<a href="https://www.siemens.com/cax">https://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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#### Approvals / Certificates

General Product Approval					
<a href="#">Declaration of Conformity</a>				<a href="#">Miscellaneous</a>	

Marine / Shipping	Environment				
					<a href="#">Confirmation</a>

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