

Product-type designation		IE FC RJ45 Plug 180 (4x2)
Product description		RJ45 data connector IE FC RJ45 PLUG 180 4X2, RJ45 CONNECTOR (10/100/1000MBIT/S) WITH ROBUST METAL HOUSING AND FC CONNECTING METHOD, FOR IE FC CABLE 4X2 (AWG24), 180 DGR OUTGOING CABLE 1 PACKAGE = 10 PIECES
		
Acceptability for application		For connection to IE FC TP cables 4x2, suitable for fast assembly with the FastConnect system
Transmission 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		8
• for network components and terminal equipment		1
Design of the electrical connection		
• for Industrial Ethernet FC TP cables		integrated cut-and-clamp contacts for 8-wire TP FC installation cable
• for network components and terminal equipment		RJ45 connector
Design of the electrical connection / FastConnect		Yes
Mechanical data		
Material / of the enclosure		metal
Design, dimensions and weight		
Type of cable outlet		180 degree cable outlet
Width		13.7 mm

Height	16 mm
Depth	55 mm
Net weight	35 g
Permitted ambient conditions	
Ambient temperature	
• during operating	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20
Product properties, functions, components / general	
product feature	
• silicon-free	Yes
Product component	
• strain relief	Yes
Standards, specifications, approvals	
Verification of suitability	
• RoHS conformity	Yes
• UL-registration	Yes
• cULus approval	Yes
Standard for structured cabling	Cat6
Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://www.siemens.com/industrymall
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	http://support.automation.siemens.com
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