

product type designation
product description

IE FC RJ45 Plug 180 (4x2)

RJ45 data connector
Industrial Ethernet FastConnect RJ45 plug 180 4x 2, RJ45 plug-in connector; CAT6A; (10/100/1000/10000 Mbit/s) with rugged metal enclosure and FC connection system, for IE FC Cable 4x 2 (AWG24); 180° cable outlet 1 pack = 50 units



suitability for use	For connection to IE FC TP cables 4x2, suitable for fast assembly with the FastConnect system
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transfer rate

transfer rate / for Industrial Ethernet	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10000 Mbit/s
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interfaces

number of electrical connections	
<ul style="list-style-type: none"> for Industrial Ethernet FC TP cables 	1
<ul style="list-style-type: none"> for network components or terminal equipment 	1
type of electrical connection	
<ul style="list-style-type: none"> for Industrial Ethernet FC TP cables 	Integrated insulation displacement contacts for 8- and 4-core TP FC installation cables (AWG24, AWG22)
<ul style="list-style-type: none"> for network components or terminal equipment 	RJ45 connector
type of electrical connection / FastConnect	Yes

mechanical data

material / of the enclosure	metal
number of reuses	10
locking mechanism design	other

design, dimensions and weights	
type of cable outlet	180° cable outlet
width	13.7 mm
height	16 mm
depth	55 mm
net weight	35 g
connectable cable cross-section	6.5 ... 8 mm

ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation 	-40 ... +85 °C
<ul style="list-style-type: none"> during storage 	-40 ... +85 °C
<ul style="list-style-type: none"> during transport 	-40 ... +85 °C
relative humidity	
<ul style="list-style-type: none"> at 25 °C / without condensation / during operation / maximum 	95 %
protection class IP	IP20

product features, product functions, product components / general	
product feature	
<ul style="list-style-type: none"> PoE capability 	Yes
<ul style="list-style-type: none"> PoE+capability 	Yes
<ul style="list-style-type: none"> silicon-free 	Yes
product component	
<ul style="list-style-type: none"> strain relief 	Yes

standards, specifications, approvals	
certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity 	Yes
<ul style="list-style-type: none"> UL approval 	Yes
<ul style="list-style-type: none"> cULus approval 	Yes
<ul style="list-style-type: none"> railway application in accordance with EN 50155 	No
standard for structured cabling	Cat6A

further information / internet-Links	
Internet-Link	
<ul style="list-style-type: none"> to website: Selector TIA Selection Tool 	http://www.siemens.com/snst
<ul style="list-style-type: none"> to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> to website: CAx-Download-Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> to website: Industry Online Support 	https://support.industry.siemens.com

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