Data sheet

Product type designation	
Product description	**IE FC RJ45 Plug 180 (2x2)**
	RJ45 data connector
	Industrial Ethernet FastConnect RJ45 plug 180 2x 2, RJ45 plug-in connector (10/100 Mbit/s) with rugged metal enclosure and FC connection system, for IE FC Cable 2x 2; 180° cable outlet 1 pack = 10 units

Suitability for use	For connection to IE FC TP cables 2x2, suitable for fast assembly with the FastConnect system

Transfer rate	
Transfer rate / for Industrial Ethernet	10 Mbit/s, 100 Mbit/s

Interfaces	
Number of electrical connections	
• for Industrial Ethernet FC TP cables	4
• for network components or terminal equipment	1
Type of electrical connection	
• for Industrial Ethernet FC TP cables	integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22
• 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 ... 6.5 mm

Ambient conditions	
Ambient temperature	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Relative humidity	
• at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

Product features, product functions, product components / general	
Product feature	
• PoE capability	Yes
• PoE+capability	Yes
• silicon-free	Yes
Product component	
• strain relief	Yes

Standards, specifications, approvals	
Certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• cULus approval	Yes
• Railway application in accordance with EN 50155	No
Standard for structured cabling	Cat5

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