

Control cabinet through-plate connectors/baffles, M12/RJ45

Ethernet



Baffle, 10Gbps

Through-plate type, 100Mbps and 1Gbps

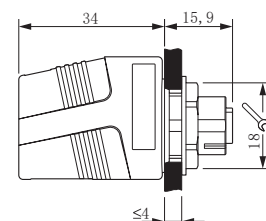
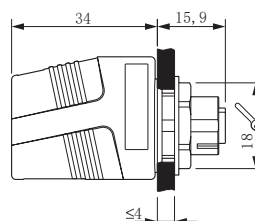
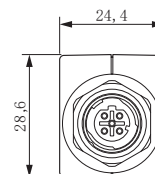
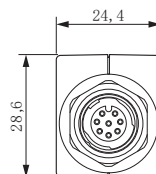
Technical parameters

Applied to	Connection method	CP-M12FSX-10G-RJ45/...	CP-M12FSA-8CON-RJ45/...
Electrical	Rated voltage	60 V	50 V
	Rated current	0.5 A	1 A
	Number of insertions/removals	≥ 100	≥ 100
	Transmission characteristics (category)	CAT6A	CAT5
Material	Pin insertion material	Copper alloy	Copper alloy
	Material of the fixture body	PA	PA
	Flame retardant grade, in compliance with UL94	V0	V0
Temperature	Needle type/hole type [°C]	-25 ... 85	-25 ... 85

Order data

	Model	Order Number	Model	Order Number
Control cabinet through-plate connectors, CAT6, M12, 8-core, X-coded to RJ45 hole type The hole outlet is 90° The hole outlet is 180°	CP-M12FSX-10G-RJ45/90 CP-M12FSX-10G-RJ45/180	2221482146 2221482147		
Control cabinet through-plate connector, M12, 8-core, A-code, RJ45 port type The hole outlet is 90° The hole outlet is 180°			CP-M12FSA-8CON-RJ45/90 CP-M12FSA-8CON-RJ45/180	2221182146 2221482147
Control cabinet through-plate connector, M12, 4-core, D-code, RJ45 port type The hole outlet is 90° The hole outlet is 180°			CP-M12FSD-RJ45/90 CP-M12FSD-RJ45/180	2221382146 2221382147

Product dimension drawing



NETWORK COMPONENT - RJ45 CONNECTOR



Stripeless RJ45 connector, Cat5e 100Mbps



Stripeless RJ45 connector, Cat5e 100Mbps

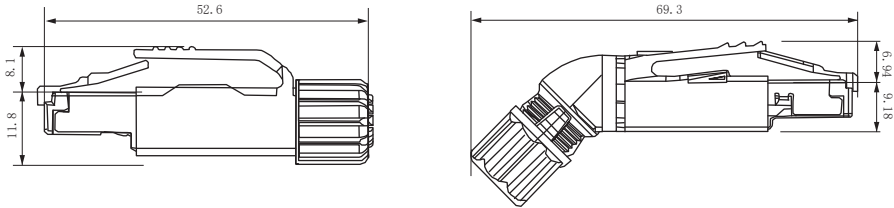
Technical parameters

Applied to	Outer diameter of the cable Pollution level Insertion and extraction cycle		
Electrical	Surge voltage category Transmission characteristics (Category)	RPDB4 4.5mm ... 9 mm 2 ≥ 750	RPDD4 4.5mm ... 9 mm 2 ≥ 750
Material	Material data Shell material Pin insertion material Flame retardant grade, in compliance with UL94	Polyamide, UL 94-V0 PA 6.6 CuSn V2	Polyamide, UL 94-V0 PA 6.6 CuSn V2
Temperature	Needle type/hole type [°C]	-40 ... 70	-40 ... 70

Order data

	Model	Order Number	Model	Order Number
RJ45 connector, IP20, 4-pin, AWG 22... AWG 27, used for single-core and multi-strand conductors, color: black	RPDB4	2111214214		
RJ45 connector, 45-degree Angle plug, IP20, 4-core, AWG 22... AWG 27, used for single-core and multi-strand conductors, color: black			RPDD4	2111214224
RJ45 connector, IP20, 8-pin, AWG 24... AWG 27, used for single-core and multi-strand conductors, color: black				
RJ45 connector, 45-degree Angle plug, IP20, 8-core, AWG 24... AWG 27, used for single-core and multi-strand conductors, color: black				
RJ45 pin type, 8-core, shielded, IDC connection technology, suitable for 27... 26AWG Litz cable with cable clamps CAT6a				
RJ45 pin type, 8-core, shielded, IDC connection technology, suitable for 27... 26AWG Litz cable with cable clamps CAT5				

Product dimension drawing



NETWORK COMPONENT - RJ45 CONNECTOR

Ethernet



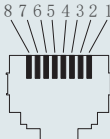
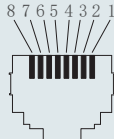
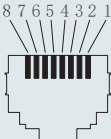
Stripeless RJ45 connector, Cat5e 100Mbps

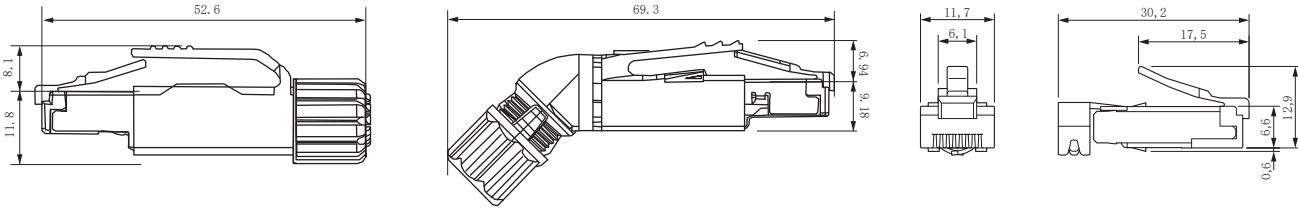


Stripeless RJ45 connector, Cat5e 100Mbps

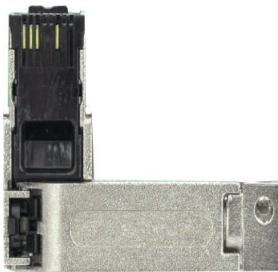


RJ45 pin type socket, CAT5

					
RPQB4 4.5mm ... 9 mm 2 ≥ 750		RPQD4 4.5mm ... 9 mm 2 ≥ 750		RPMB1 - 2 -	
RPNB1 - 2 -					
CAT5 100 MHz,IEC 11 801:2002, EN 50 173-1		CAT5 100 MHz,IEC 11 801:2002, EN 50 173-1		CAT5 CAT6a	
Polyamide, UL 94-V0 PA 6.6 CuSn V2 -40 ... 70		Polyamide, UL 94-V0 PA 6.6 CuSn V2 -40 ... 70		- - Phosphor bronze V2 -25 ... 60 -25 ... 60	
Model		Order Number		Model	
				Order Number	
RPQB4		2111218214			
		RPQD4		2111218224	
				RPNB1	
				2111248211	
				RPMB1	
				2111218211	



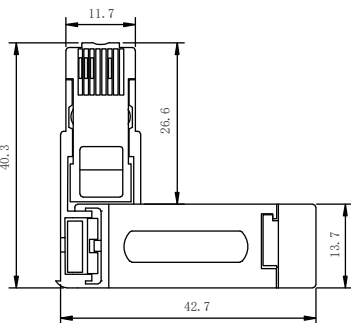
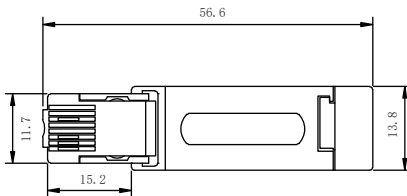
NETWORK COMPONENT - RJ45 CONNECTOR



Technical parameters

Applied to	Protection grade	RSDA5	RSDC5
	Wire connection diameter, flexibility, minimum/maximum	IP20 0.48mm/0.76mm	IP20 0.48mm/0.76mm
	Wire cross-sectional area, flexibility, minimum/maximum	AWG26/AWG22 0.4/0.64mm	AWG26/AWG22 0.4/0.64mm
	Wire connection diameter, single-strand wire, minimum/maximum	AWG24/AWG22 1.6mm	AWG24/AWG22 1.6mm
	Cross-sectional area of the conductor, single-strand wire, minimum/maximum	5.5mm/8.5mm	5.5mm/8.5mm
	Maximum insulation cross-section		
	Outer diameter, minimum/maximum		
	Size	4-core twisted-pair cable assembly type	4-core twisted-pair cable assembly type
	Configuration	RJ45 connector	RJ45 connector
Electrical	Electrical transmission characteristics (category)	CAT5 (IEC 11801: 2010)	CAT5 (IEC 11801: 2010)
Material	Shell material	Die-cast zinc	Die-cast zinc
	Contact surface treatment	Pre-nickel plating, gold plating	Pre-nickel plating, gold plating
	Block	360°Fully blocked	360°Fully blocked
Temperature	Ambient temperature (operating), minimum/maximum [°C]	-20 ... 70	-20 ... 70
Order data		Model	Order Number
RJ45 connector, IP20, 4-pin, AWG 22... AWG 27 is used for single-core and multi-strand wires, made of metal, with straight ends		RSDA5	2112214113
RJ45 connector, IP20, 4-pin, AWG 22... AWG 27, used for single-core and multi-strand conductors, metal material, elbow		RSDC5	2112214123

Product dimension drawing



NETWORK COMPONENT - RJ45 CONNECTOR

RJ45 plug-in connectors, Model 1 and Model 6
IP65/IP67

Ethernet

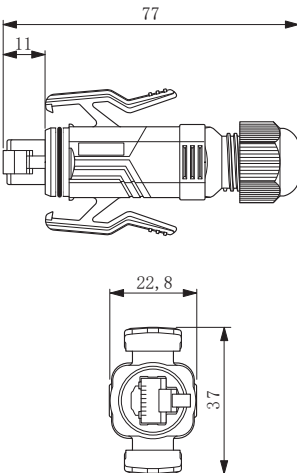
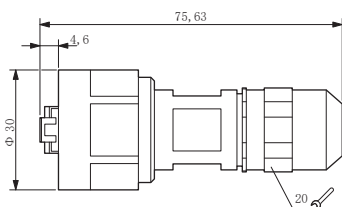


RJ45 plug-in connector, model 1

RJ45 plug, model 6

Technical parameters

Applied to	Connection method	RSJB5	RPFB5
	Outer diameter of the cable	Fast and wire-free	IDC Quick connection
	Number of insertions/removals	5 mm ... 10 mm	5 mm ... 8 mm
	Pollution level	750	≥1000
	The cross-sectional area of the connectable wire AWG	2	2
	The cross-sectional area of the connectable wire AWG	27 ... 24 (Flexible conductor)	26 ... 24 (Rigidity)
Electrical	Rated voltage	-	-
	Rated current	50V	50V
	Transmission characteristics (Category)	1.75A	1.75A
	Surge voltage category	CAT5 (IEC 11801:2002)	CAT5 (IEC 11801:2002)
Material	Shell material	I	I
	Pin insertion material	Die-cast zinc	PA
	Flame retardant grade, in compliance with UL94	Copper alloy	Copper alloy
	Ambient temperature (operating) [°C]	V0	V0
Temperature		-40 ... 70	-20 ... 70
Order data		Model	Order Number
RJ45 connector, 8 cores, adopting QUICKON quick connection technology			
Connectable wires 26... 24AWG			
RJ45 connector, IP67, with snap-on lock, metal housing, CAT5, 8-pin		RSJB5	2112718215
			RPFB5
			2111718215



NETWORK COMPONENT - RJ45 CONNECTOR

Push-pull ADVANCE connector, model 14, IP65/IP67

- Anti-static and electromagnetic interference to ensure reliable transmission
- Integrated design makes operation more convenient
- The locking system prevents accidental removal
- Continuous and consistent 360° shielding design



RJ45 connector, vertical output



RJ45 connector, top outlet

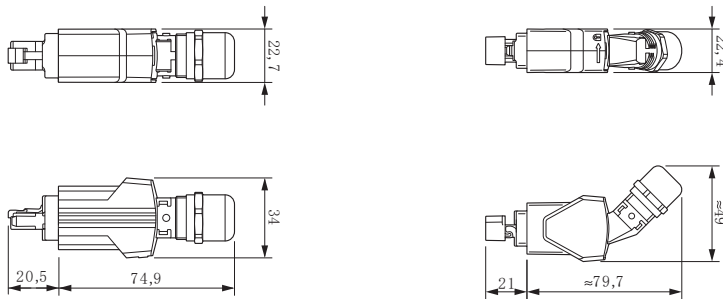
Technical parameters

Applied to	Enclosure protection grade	RSGE5	RSGF5
	Transmission rate	IP65/IP67	IP65/IP67
	Outer diameter of the cable	10 Gbps	10 Gbps
	Number of insertions/removals	5.5mm ... 10mm	5.5mm ... 10mm
Material	Shell material	Die-cast zinc	Die-cast zinc
Temperature	Ambient temperature (operating) [°C]	-40 ... 70	-40 ... 70

Order data

	Model	Order Number	Model	Order Number
Push-pull ADVANCE, for Ethernet, RJ45 industrial connectors, IP67, 8-core, 26... 24 (Rigidity)	RSGE5	2112748212	RSGF5	2112748232
Push-pull ADVANCE, for PROFINET, RJ45 industrial connectors, IP67, 8-core, 23... 22 (Rigidity)	RSHE5	2112748213	RSHE5	2112748233
Push-pull connector (Model 14), 10Gbps, with RJ45 crimping, suitable for 26... 24AWG flexible conductor, cable diameter 5mm... 8mm Plastic casing				
Push-pull connector (Model 14), for PROFINET, adopts RJ45 QUICKON quick connection technology, suitable for 22AWG single-core and 7-core twisted wires Cable diameter 5mm ... 8mm 4 cores, 100Mbps 8-core, 1Gbps				
RJ45 plug-in connector, IP67, with push-pull interlock (Model 4), plastic housing, for 10Gbps, can connect 24... 28 AWG stranded wire, 8 cores, crimped connection, flame retardant grade V0				

Product dimension drawing



NETWORK COMPONENT - RJ45 CONNECTOR

Push-pull ADVANCE connector, model 14, IP65/IP67



RJ45 connector, bottom outlet



RJ45 connector

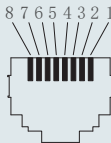
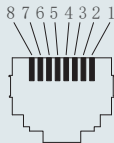
Ethernet



EtherNet/IP



RJ45 plug-in connector, model 4

					
RSGG5 IP65/IP67 10 Gbps 5.5mm ... 10mm ≥ 750		RSGB5 IP65/IP67 10 Gbps 5mm ... 8mm ≥ 750		RPIA4 IP65/IP67 10 Gbps -	
Die-cast zinc -40 ... 70		Plastic -25 ... 60		Plastic -40 ... 70	
Model	Order Number	Model	Order Number	Model	Order Number
RSGG5	2112748242				
RSHG5	2112748243				
		RPGB5	2111748212		
		RPOB5	2111714213		
		RPPB5	2111748213		
				RPIA4	2111748114

NETWORK COMPONENT - RJ45 CONNECTOR

Power supply servo drive signal connector

Ethernet



RJ45 servo connector

RJ45 waterproof plug, female socket

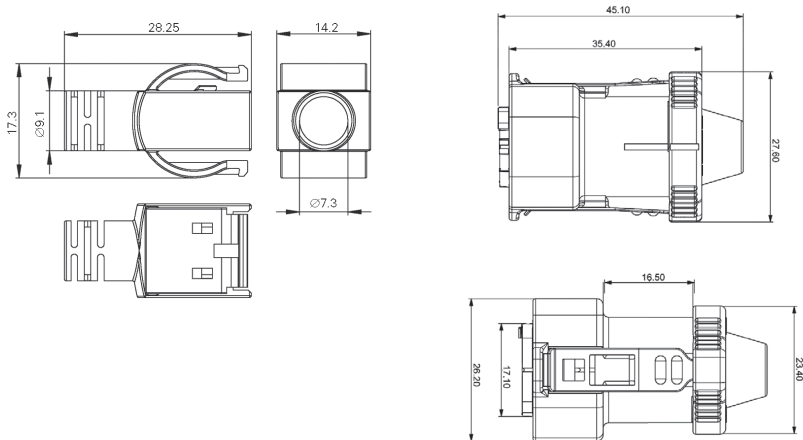
Technical parameters

Applied to	Connection method	RPQA3 Snap-on connection	RSJA3 Snap-on connection
	Outer diameter of the cable	5 mm ... 10 mm	5 mm ... 8 mm
Electrical	Number of insertions/removals	750	≥1000
	Pollution level	2	2
Material	The cross-sectional area of the connectable wire AWG	27 ... 24	26 ... 24
	Protection grade	IP20	IP65/IP67
Electrical	Rated voltage	50V	50V
	Rated current	1.75A	1.75A
Temperature	Transmission characteristics (category)	CAT5 (IEC 11801:2002)	CAT5 (IEC 11801:2002)
	Surge voltage category	I	I
Material	Shell material	Engineering plastics	Zinc alloy
	Pin insertion material	Copper alloy	Copper alloy
Temperature	Flame retardant grade, in compliance with UL94	V0	V0
		-20 ... 70	-20 ... 70

Order data

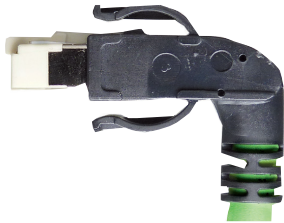
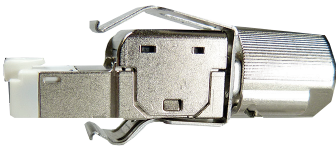
	Model	Order Number	Model	Order Number
RJ45 servo control connector IP20, straight head, compatible cable diameter: 6.0... The 7.0 mm	RPQA3	2111228110		
RJ45 servo control connector IP20, elbow, compatible with cable diameter 6.0 ... 7.0mm				
RJ45 servo control connector IP65/IP67, straight head, compatible with cable diameter 6.0 ... 7.0mm			RSJA3	2112728110

Product dimension drawing

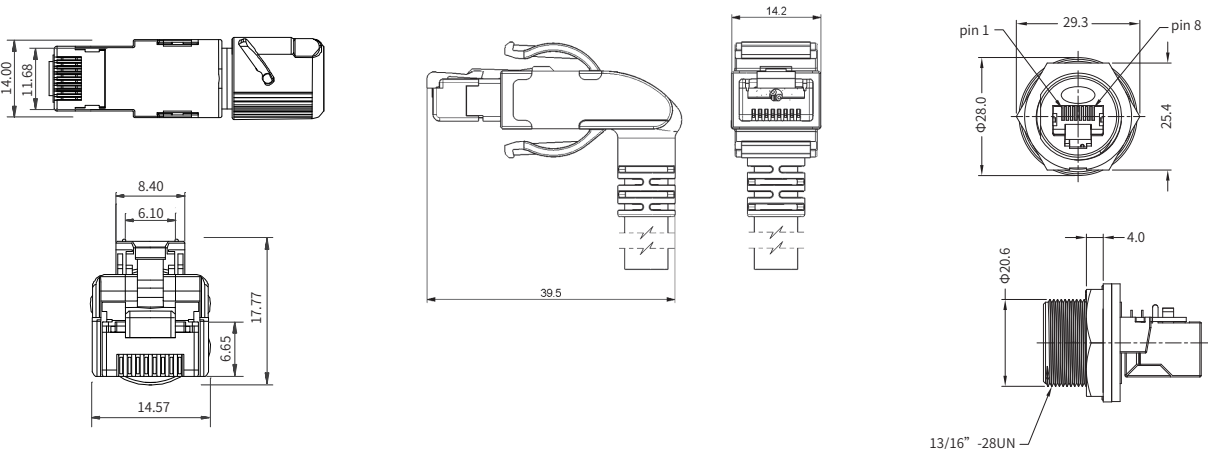


NETWORK COMPONENT - RJ45 CONNECTOR

Power supply servo drive signal connector



Applied to	Connection method	RSQA3 Snap-on connection	RPQC3 Snap-on connection	RPJA3	
	Outer diameter of the cable	5 mm ... 8 mm	5 mm ... 10 mm	5 mm ... 8 mm	
Electrical	Number of insertions/removals	≥1000	750	≥1000	
	Pollution level	2	2	2	
Material	The cross-sectional area of the connectable wire AWG	26 ... 24	27 ... 24	26 ... 24	
	Protection grade	IP20	IP20	IP65/IP67	
Electrical	Rated voltage	50V	50V	50V	
	Rated current	1.75A	1.75A	1.75A	
Temperature	Transmission characteristics (category)	CAT5 (IEC 11801:2002)	CAT5 (IEC 11801:2002)	CAT5 (IEC 11801:2002)	
	Surge voltage category	I	I	I	
Material	Shell material	Zinc alloy	Engineering plastics	PA	
	Pin insertion material	Copper alloy	Copper alloy	Copper alloy	
Temperature	Flame retardant grade, in compliance with UL94	V0	V0	V0	
		-20 ... 70	-40 ... 70	-20 ... 70	
Model		Order Number	Model	Order Number	
RSQA3		2112228110			
			RPQC3		2111728120
			RPJA3		2111760110



Waterproof Ethernet connector, IP65/IP67



sercos
the automation bus



1/4 Quick bayonet connector



Quick plug and pull connector

Applied to	Wire specification Wire diameter range Protection grade Durability times	Ethernet 0.15mm ² ~0.2mm ² /26-24AWG 5.5-7mm IP65/IP67 >500	Ethernet 0.15mm ² ~0.2mm ² /26-24AWG 5.5-7mm IP65/IP67 >500
Electrical	Rated voltage Rated current Insulation resistance Transmission characteristics (Category)	60 V 1.5A > 500 MΩ According to the characteristics of the selected wire	60 V 1.5A > 500 MΩ According to the characteristics of the selected wire
Material	Shell, insulating material Hardware materials Core material Waterproof ring Flame retardant grade, in compliance with UL94	High-performance engineering plastics Zinc alloy Copper alloy (gold-plated) Silicone V0	High-performance engineering plastics Zinc alloy Copper alloy (gold-plated) Silicone V0
Temperature	Operating temperature [°C]	-40 ... 80	-40 ... 80

Waterproof connector IP65/IP67, Compatible cable diameters: 5.5... 7mm	RSFI2 2112760410	RPFJ2 2111760510
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Installation opening size

Product dimension drawing

Waterproof Ethernet connector, IP65/IP67



1/4 Quick bayonet connector



Quick plug and pull connector



Push-pull connector

Ethernet 0.15mm ² ~0.2mm ² /26-24AWG 5.5-7mm IP65/IP67 >750	Ethernet 0.15mm ² ~0.2mm ² /26-24AWG 5.5-7mm IP65/IP67 >500	Ethernet 0.15mm ² ~0.2mm ² /26-24AWG 5.5-7mm IP65/IP67 >500
60 V 1.5A > 500 MΩ According to the characteristics of the selected wire	60 V 1.5A > 500 MΩ According to the characteristics of the selected wire	60 V 1.5A > 500 MΩ According to the characteristics of the selected wire
High-performance engineering plastics - Silicone V0 -40 ... 80	High-performance engineering plastics - Silicone V0 -40 ... 80	High-performance engineering plastics Zinc alloy Copper alloy (gold-plated) Silicone V0 -40 ... 80
Model	Model	Model
Order Number	Order Number	Order Number
RPF12	RPFL2	RSFM2

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