








Industrial switching hub

Symbol	Specifications			Accessories	Current consumption (A)	Model	Appearance
	Functions	No. of ports	Failure detection				
④	Quality of Service (QoS): EtherNet/IP control data priority. Failure detection: Broadcast storm and LSI error detection 10/100 BASE-TX, Auto-Negotiation	3	No	Power supply connector	0.22	W4S1-03B	
		5	No				
		5	Yes	Power supply connector and connector for informing error		W4S1-05B W4S1-05C	

Recommended EtherCAT and EtherNet/IP communication cables


Symbol	Item			Manufacturer	Colour	Cable length (m)	Model
⑤	EtherCAT cable	Cat 5e, AWG22, 2-pair cable M12/Smartclick connectors Improved shield for EtherCAT communications	Standard type Cable with connectors on both ends (M12 straight/M12 straight) 	OMRON	Black	0.5	XS5W-T421-BM2-SS
			Rugged type Cable with connectors on both ends (M12 straight/RJ45) 			0.5	XS5W-T421-BMCSS
	Ethernet/ EtherCAT patch cable	Cat 6a, AWG27, 4-pair cable Cable sheath material: LSZH <sup>1)</sup>  <b>Note:</b> This cable is available in yellow, green and blue colours.	Standard type Cable with connectors on both ends (RJ45/RJ45) 	OMRON	Yellow	0.2	XS6W-6LSZH8SS20CM-Y
Ethernet/ EtherCAT patch cable	Cat 5e, AWG26, 4-pair cable Cable sheath material: PUR <sup>1)</sup>	Standard type Cable with connectors on both ends (RJ45/RJ45) 	0.3			XS6W-6LSZH8SS30CM-Y	
			0.5			XS6W-6LSZH8SS50CM-Y	
			1			XS6W-6LSZH8SS100CM-Y	
			1.5			XS6W-6LSZH8SS150CM-Y	
			2			XS6W-6LSZH8SS200CM-Y	
			3			XS6W-6LSZH8SS300CM-Y	
			5			XS6W-6LSZH8SS500CM-Y	
			7.5			XS6W-6LSZH8SS750CM-Y	
			10			XS6W-6LSZH8SS1000CM-Y	
			15			XS6W-6LSZH8SS1500CM-Y	
			20			XS6W-6LSZH8SS2000CM-Y	
			Green			0.2	XS6W-6LSZH8SS20CM-G
						0.3	XS6W-6LSZH8SS30CM-G
						0.5	XS6W-6LSZH8SS50CM-G
						1	XS6W-6LSZH8SS100CM-G
						1.5	XS6W-6LSZH8SS150CM-G
						2	XS6W-6LSZH8SS200CM-G
						3	XS6W-6LSZH8SS300CM-G
5	XS6W-6LSZH8SS500CM-G						
Green	7.5	XS6W-6LSZH8SS750CM-G					
	10	XS6W-6LSZH8SS1000CM-G					
	15	XS6W-6LSZH8SS1500CM-G					
	20	XS6W-6LSZH8SS2000CM-G					
	Green	0.5	XS6W-5PUR8SS50CM-G				
		1	XS6W-5PUR8SS100CM-G				
		1.5	XS6W-5PUR8SS150CM-G				
		2	XS6W-5PUR8SS200CM-G				
3		XS6W-5PUR8SS300CM-G					
5		XS6W-5PUR8SS500CM-G					
7.5		XS6W-5PUR8SS750CM-G					
10		XS6W-5PUR8SS1000CM-G					
Grey	15	XS6W-5PUR8SS1500CM-G					
	20	XS6W-5PUR8SS2000CM-G					
	0.3	XS5W-T421-AMD-K					
	0.5	XS5W-T421-BMD-K					
	1	XS5W-T421-CMD-K					
	2	XS5W-T421-DMD-K					
	3	XS5W-T421-EMD-K					
5	XS5W-T421-GMD-K						
10	XS5W-T421-JMD-K						
15	XS5W-T421-KMD-K						

Symbol	Item		Manufacturer	Colour	Cable length (m)	Model						
⑨	Ethernet/ EtherCAT patch cable	Cat 5e, AWG26, 4-pair cable Cable sheath material: PUR <sup>*1</sup>	Standard type Cable with connectors on both ends (RJ45/RJ45)	OMRON	Green	0.5	XS6W-5PUR8SS50CM-G					
						1	XS6W-5PUR8SS100CM-G					
						1.5	XS6W-5PUR8SS150CM-G					
						2	XS6W-5PUR8SS200CM-G					
						3	XS6W-5PUR8SS300CM-G					
						5	XS6W-5PUR8SS500CM-G					
						7.5	XS6W-5PUR8SS750CM-G					
						10	XS6W-5PUR8SS1000CM-G					
						15	XS6W-5PUR8SS1500CM-G					
						20	XS6W-5PUR8SS2000CM-G					
		Cat 5e, AWG22, 2-pair cable	Rugged type Cable with connectors on both ends (RJ45/RJ45)	OMRON	Grey	0.3	XS5W-T421-AMD-K					
						0.5	XS5W-T421-BMD-K					
						1	XS5W-T421-CMD-K					
						2	XS5W-T421-DMD-K					
						3	XS5W-T421-EMD-K					
						5	XS5W-T421-GMD-K					
						10	XS5W-T421-JMD-K					
						15	XS5W-T421-KMD-K					
								Rugged type Cable with connectors on both ends (M12 straight/RJ45)	OMRON	Grey	0.3	XS5W-T421-AMC-K
											0.5	XS5W-T421-BMC-K
1	XS5W-T421-CMC-K											
2	XS5W-T421-DMC-K											
3	XS5W-T421-EMC-K											
5	XS5W-T421-GMC-K											
10	XS5W-T421-JMC-K											
15	XS5W-T421-KMC-K											
		Rugged type Cable with connectors on both ends (M12 L right angle/RJ45)	OMRON	Grey	0.3						XS5W-T422-AMC-K	
					0.5						XS5W-T422-BMC-K	
					1	XS5W-T422-CMC-K						
					2	XS5W-T422-DMC-K						
					3	XS5W-T422-EMC-K						
					5	XS5W-T422-GMC-K						
					10	XS5W-T422-JMC-K						
					15	XS5W-T422-KMC-K						
					Ethernet installation cable	Cat 5, SF/UTP, 4 × 2 × AWG 24/1 (solid core), Polyurethane (PUR)		Weidmüller	Green	100	WM IE-5IC4x2xAWG24/1-PUR	
						Cat 5, SF/UTP, 4 × 2 × AWG 26/7 (stranded core), Polyurethane (PUR)						Green
Connectors	RJ45 metallic connector For AWG22 to AWG26		OMRON	-	-	WM IE-T0-RJ45-FH-BK						
	RJ45 plastic connector For AWG22 to AWG24						-	-	XS6G-T421-1			
RJ45 socket	DIN-rail mount socket to terminate installation cable in the cabinet		Weidmüller	-	-	WM IE-T0-RJ45-FJ-B						

\*1. The lineup features low smoke zero halogen cables for in-cabinet use and PUR cables for out-of-cabinet use.


**Note:** Please be careful while cable processing, for EtherCAT, connectors on both ends should be shield connected and for EtherNet/IP, connectors on only one end should be shield connected.

## WE70 FA wireless LAN units

Name	Area	Type	Model	Appearance
WE70 FA wireless LAN units	Europe	Access point (Master)	WE70-AP-EU	
		Client (Slave)	WE70-CL-EU	
Directional magnetic-base antenna		1 set with two antennas, 2.4 GHz/5 GHz Dual-band compatible	WE70-AT001H	
DIN rail mounting bracket		For TH35 7.5	WT30-FT001	
		For TH35 15	WT30-FT002	
Antenna extension cable		5 m	WE70-CA5M	

**Note:** Special versions are available for USA, Canada, China and Japan.

## NJ series options and accessories

Specifications	Model	Appearance
SD memory card	2 GB	
	4 GB	
DIN track	Length: 0.5 m; height: 7.3 mm	PFP-50N
	Length: 1 m; height: 7.3 mm	PFP-100N
	Length: 1 m; height: 16 mm	PFP-100N2
End plate to secure the units on the DIN track (2 pieces are included with the CPU unit and I/O interface unit)	PFP-M (2 pcs)	