

A black Siemens RUGGEDCOM 19-inch rack-mountable switch is shown from a top-down perspective. The front panel features a label with the Siemens logo and 'RUGGEDCOM RST2228P'. Below the label is a terminal block with labels P1, P2, P3, P4, and a USB console port. To the right of the terminal block are two RJ45 ports labeled P1 and P2. Further right are two more RJ45 ports labeled P1 and P2. On the far right, there are two RJ45 ports labeled P1 and P2. The switch is mounted on a rack with visible screws and a ventilation grille on the left side.

SIEMENS

Rugged Communication

RUGGEDCOM 19" Switches Ordering Overview

Rack Mountable, Layer 2
Ethernet Switches

Ordering
Overview

Edition
09/2018

[siemens.com/ruggedcom](https://www.siemens.com/ruggedcom)

RUGGEDCOM Ethernet switches are specifically designed to operate reliably in industrially harsh environments.

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RUGGEDCOM Selector configuration tool

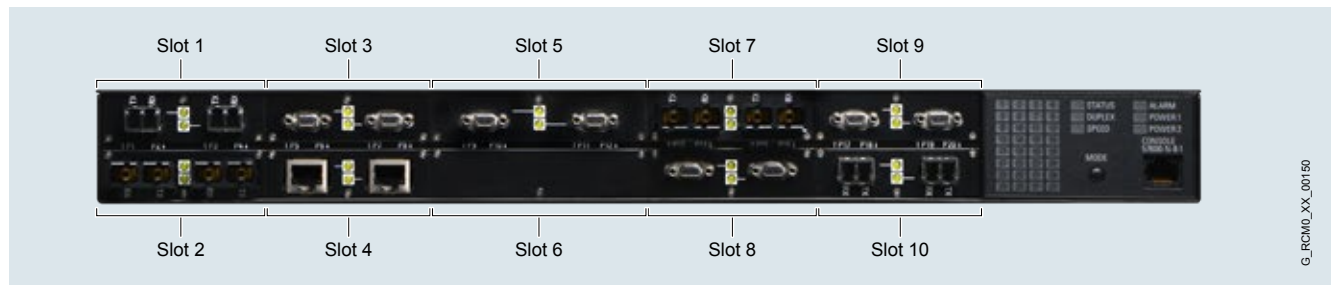
RUGGEDCOM Ethernet switches are specifically designed to operate reliably in industrially harsh environments. All RUGGEDCOM switches meet and exceed recognized industry standards (e.g. IEC 61850-3, IEEE 1613, NEMA TS 2) for ruggedness and communications performance. They are ideally suited for mission critical real-time control applications requiring high levels of reliability and availability.



With the RUGGEDCOM Selector you can transfer the order number to the Siemens Industry Mall and order your products.

To use the RUGGEDCOM Selector for the selection and configuration of RUGGEDCOM products, visit: [siemens.com/ruggedcom-selector](https://www.siemens.com/ruggedcom-selector)

RUGGEDCOM RSG2100



G_RCM0_XX_00150

Product	Article number									
RUGGEDCOM RSG2100	6GK6021-0AS2	.	-	.	.	.	.	.	-	Z
Power supply 1										
24 VDC (10 – 36 VDC) with screw terminal block		1								
48 VDC (36 – 72 VDC) with screw terminal block		2								
88 – 300 VDC / 85 – 264 VAC with screw terminal block		3								
24 VDC (10 – 36 VDC) with pluggable terminal block		4								
48 VDC (36 – 72 VDC) with pluggable terminal block		5								
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block		6								
Power supply 2 (terminal block must be equal to power supply 1)										
No power supply 2								0		
24 VDC (10 – 36 VDC) with screw terminal block								1		
48 VDC (36 – 72 VDC) with screw terminal block								2		
88 – 300 VDC / 85 – 264 VAC with screw terminal block								3		
24 VDC (10 – 36 VDC) with pluggable terminal block								4		
48 VDC (36 – 72 VDC) with pluggable terminal block								5		
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block								6		
Mounting options										
No mounting option								A		
19" rack mounting kit								D		
DIN/rail and panel mounting kit								E		
19" rack, DIN/rail and panel mounting kit								F		
Connections										
Ethernet interfaces on rear; LED panel on front; power connections on rear								B		
Ethernet interfaces on front; LED panel on front; power connections on rear								C		
Ethernet interfaces on rear; LED panel on top; power connections on rear								D		
Ethernet interfaces on front; LED panel on top; power connections on rear								E		
Manufacturing modification										
Standard									0	
Conformal coating									1	

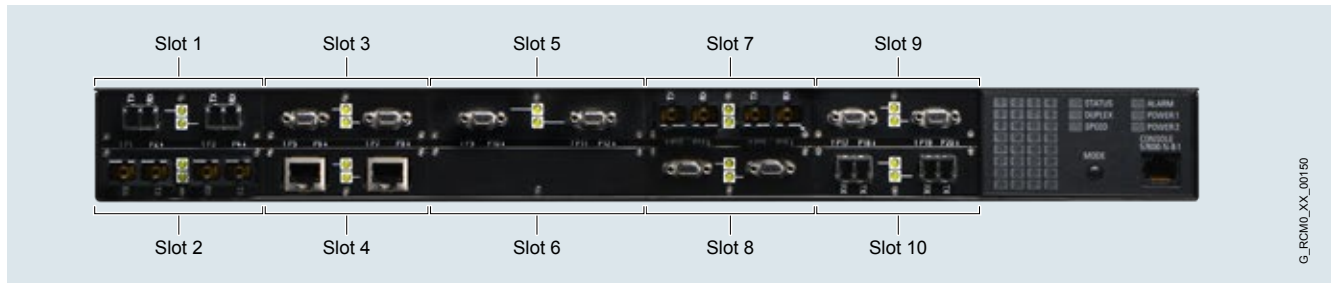
Examples	Order code
RUGGEDCOM RSG2100 with 2 x 48 VDC with screw terminal block power supplies, 19" rack mounting kit, Ethernet connectors on rear; LED panel on front; power connector on rear + 4 x 10/100BASE-TX RJ45 + 12 x 100BASE-FX, multi-mode, 1300 nm, ST + 3 x 1000BASE-LX, single-mode, 1310 nm, SC with conformal coating.	6GK6021-0AS22-2DB1-Z A01+B01+C03+D03+E03+F03+G03+H03+J03+K03

Z options	Slot 1	Slot 2	Slot 3	Slot 4	Slot 7	Slot 8	Slot 9	Slot 10
No module	A00	B00	C00	D00	G00	H00	J00	K00
2 x 10/100BASE-TX RJ45	A01	B01	C01	D01	G01	H01	J01	K01
2 x 10BASE-FL, multi-mode, 850 nm, ST	A02	B02	C02	D02	G02	H02	J02	K02
2 x 100BASE-FX, multi-mode, 1300 nm, ST	A03	B03	C03	D03	G03	H03	J03	K03
2 x 100BASE-FX, multi-mode, 1300 nm, SC	A04	B04	C04	D04	G04	H04	J04	K04
2 x 100BASE-FX, multi-mode, 1300 nm, LC	A05	B05	C05	D05	G05	H05	J05	K05
2 x 100BASE-FX, multi-mode, 1300 nm, MTRJ	A06	B06	C06	D06	G06	H06	J06	K06
2 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km	A07	B07	C07	D07	G07	H07	J07	K07
2 x 100BASE-FX, single-mode, 1310 nm, SC, 20 km	A08	B08	C08	D08	G08	H08	J08	K08
2 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	A09	B09	C09	D09	G09	H09	J09	K09
2 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km	A10	B10	C10	D10	G10	H10	J10	K10
2 x 100BASE-FX, single-mode, 1310 nm, LC, 50 km	A11	B11	C11	D11	G11	H11	J11	K11
2 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	A12	B12	C12	D12	G12	H12	J12	K12
2 x 100BASE-FX, single-mode, 1310 nm, LC, 90 km	A13	B13	C13	D13	G13	H13	J13	K13
2 x 10/100BASE-TX, Micro-D	A14	B14	C14	D14	G14	H14	J14	K14

Z options	Slot 5
No module	E00
2 x 10/100/1000BASE-TX RJ45	E01
2 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	E02
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	E03
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	E04
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 25 km	E05
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 25 km	E06
2 x 1000BASE-LX SFP, blank (no optical transceiver)	E07
2 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 2 x SFP1122-1SX)	E08
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 2 x SFP1132-1LX10)	E09
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 2 x SFP1132-1LX25)	E10
2 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 2 x SFP1132-1LX70)	E11
2 x 1000BASE-LX GBIC, blank (no optical transceiver)	E12
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	E13
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	E14
2 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	E15
2 x 10/100/1000BASE-TX Micro-D	E16
2 x 1000BASE-TX, SFP, RJ45 (Incl. 2 x SFP1112-1)	E17

Z options	Slot 6
No module	F00
1 x 10/100/1000BASE-TX RJ45	F01
1 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	F02
1 x 1000BASE-LX, single-mode, 1300 nm, SC, 10 km	F03
1 x 1000BASE-LX, single-mode, 1300 nm, LC, 10 km	F04
1 x 1000BASE-LX, single-mode, 1300 nm, SC, 25 km	F05
1 x 1000BASE-LX, single-mode, 1300 nm, LC, 25 km	F06
1 x 1000BASE-LX SFP, blank (no optical transceiver)	F07
1 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 1 x SFP1122-1SX)	F08
1 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 1 x SFP1132-1LX10)	F09
1 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 1 x SFP1132-1LX25)	F10
1 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 1 x SFP1132-1LX70)	F11
1 x 1000BASE-LX GBIC, blank (no optical transceiver)	F12
1 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	F13
1 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	F14
1 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	F15
1 x 10/100/1000BASE-TX Micro-D	F16

RUGGEDCOM RSG2100P



G_RCM0_XX_00150

Product	Article number									
RUGGEDCOM RSG2100P	6GK6021-OPS2	.	-	8	.	.	.	-	Z	
Power supply 1										
24 VDC (10 – 36 VDC) with screw terminal block		1								
48 VDC (36 – 72 VDC) with screw terminal block		2								
88 – 300 VDC / 85 – 264 VAC with screw terminal block		3								
24 VDC (10 – 36 VDC) with pluggable terminal block		4								
48 VDC (36 – 72 VDC) with pluggable terminal block		5								
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block		6								
Mounting options										
No mounting option							A			
19" rack mounting kit							D			
DIN/rail and panel mounting kit							E			
19" rack, DIN/rail and panel mounting kit							F			
Connections										
Ethernet interfaces on rear; LED panel on front; power connector on rear							B			
Ethernet interfaces on front; LED panel on front; power connector on rear							C			
Ethernet interfaces on rear; LED panel on top; power connector on rear							D			
Ethernet interfaces on front; LED panel on top; power connector on rear							E			
Manufacturing modification										
Standard								0		
Conformal coating								1		

Examples	Order code
RUGGEDCOM RSG2100P with 1 x HI with screw terminal block, 19" rack mounting kit, Ethernet connectors on rear; LED panel on front; power connector on rear; 12 x 100BASE-FX, multi-mode, 1300 nm 4 x 10/100BASE-TX RJ45 (PoE) with conformal coating.	6GK6021-OPS23-8DB1-Z A04+B04+C04+D04+E00+F00+G04+H04+J00+K00

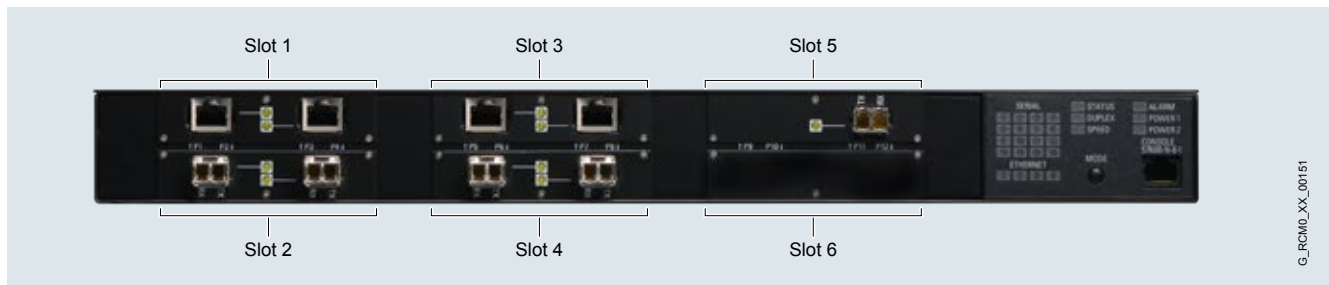
Z options	Slot 1	Slot 2	Slot 3	Slot 4	Slot 7	Slot 8
No module	A00	B00	C00	D00	G00	H00
2 x 10/100BASE-TX RJ45	A01	B01	C01	D01	G01	H01
2 x 10BASE-FL, multi-mode, 850 nm, ST	A02	B02	C02	D02	G02	H02
2 x 100BASE-FX, multi-mode, 1300 nm, ST	A03	B03	C03	D03	G03	H03
2 x 100BASE-FX, multi-mode, 1300 nm, SC	A04	B04	C04	D04	G04	H04
2 x 100BASE-FX, multi-mode, 1300 nm, LC	A05	B05	C05	D05	G05	H05
2 x 100BASE-FX, multi-mode, 1300 nm, MTRJ	A06	B06	C06	D06	G06	H06
2 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km	A07	B07	C07	D07	G07	H07
2 x 100BASE-FX, single-mode, 1310 nm, SC, 20 km	A08	B08	C08	D08	G08	H08
2 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	A09	B09	C09	D09	G09	H09
2 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km	A10	B10	C10	D10	G10	H10
2 x 100BASE-FX, single-mode, 1310 nm, LC, 50 km	A11	B11	C11	D11	G11	H11
2 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	A12	B12	C12	D12	G12	H12
2 x 100BASE-FX, single-mode, 1310 nm, LC, 90 km	A13	B13	C13	D13	G13	H13
2 x 10/100BASE-TX, Micro-D	A14	B14	C14	D14	G14	H14

Z options	Slot 5
No module	E00
2 x 10/100/1000BASE-TX RJ45	E01
2 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	E02
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	E03
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	E04
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 25 km	E05
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 25 km	E06
2 x 1000BASE-LX SFP, blank (no optical transceiver)	E07
2 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 2 x SFP1122-1SX)	E08
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 2 x SFP1132-1LX10)	E09
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 2 x SFP1132-1LX25)	E10
2 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 2 x SFP1132-1LX70)	E11
2 x 1000BASE-LX GBIC, blank (no optical transceiver)	E12
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	E13
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	E14
2 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	E15
2 x 10/100/1000BASE-TX Micro-D	E16
2 x 1000BASE-TX, SFP, RJ45 (Incl. 2 x SFP1112-1)	E17

Z options	Slot 6
No module	F00
1 x 10/100/1000BASE-TX RJ45	F01
1 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	F02
1 x 1000BASE-LX, single-mode, 1300 nm, SC, 10 km	F03
1 x 1000BASE-LX, single-mode, 1300 nm, LC, 10 km	F04
1 x 1000BASE-LX, single-mode, 1300 nm, SC, 25 km	F05
1 x 1000BASE-LX, single-mode, 1300 nm, LC, 25 km	F06
1 x 1000BASE-LX SFP, blank (no optical transceiver)	F07
1 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 1 x SFP1122-1SX)	F08
1 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 1 x SFP1132-1LX10)	F09
1 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 1 x SFP1132-1LX25)	F10
1 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 1 x SFP1132-1LX70)	F11
1 x 1000BASE-LX GBIC, blank (no optical transceiver)	F12
1 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	F13
1 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	F14
1 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	F15
1 x 10/100/1000BASE-TX Micro-D	F16

Z options	Slot 9	Slot 10
2 x 10/100BASE-TX RJ45 (PoE Ports)	J00	K00
2 x 10/100BASE-TX Micro-D (PoE Ports)	J01	K01

RUGGEDCOM RSG2200



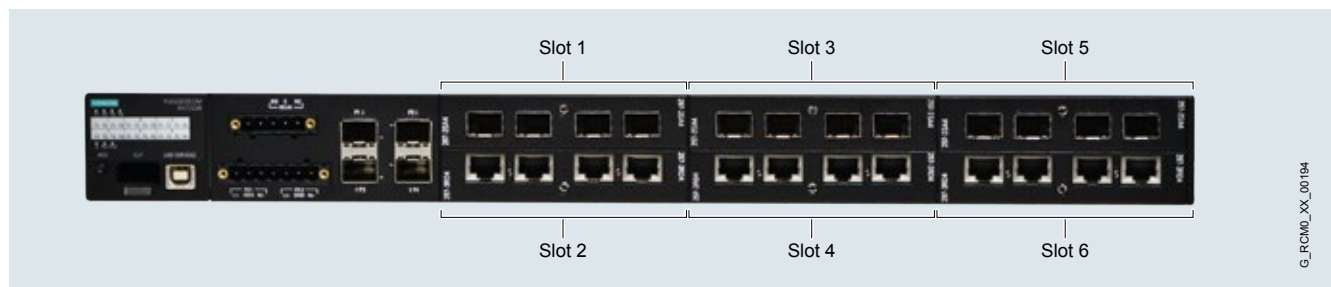
Product	Article number									
RUGGEDCOM RSG2200	6GK6022-0AS2	.	-	.	.	.	.	-	Z	
Power supply 1										
24 VDC (10 – 36 VDC) with screw terminal block		1								
48 VDC (36 – 72 VDC) with screw terminal block		2								
88 – 300 VDC / 85 – 264 VAC with screw terminal block		3								
24 VDC (10 – 36 VDC) with pluggable terminal block		4								
48 VDC (36 – 72 VDC) with pluggable terminal block		5								
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block		6								
Power supply 2 (terminal block must be equal to power supply 1)										
No power supply 2							0			
24 VDC (10 – 36 VDC) with screw terminal block							1			
48 VDC (36 – 72 VDC) with screw terminal block							2			
88 – 300 VDC / 85 – 264 VAC with screw terminal block							3			
24 VDC (10 – 36 VDC) with pluggable terminal block							4			
48 VDC (36 – 72 VDC) with pluggable terminal block							5			
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block							6			
Mounting options										
No mounting option								A		
19" rack mounting kit								D		
DIN/rail and panel mounting kit								E		
19" rack, DIN/rail and panel mounting kit								F		
Connections										
Ethernet interfaces on rear; LED panel on front; power connector on rear								B		
Ethernet interfaces on front; LED panel on front; power connector on rear								C		
Ethernet interfaces on rear; LED panel on top; power connector on rear								D		
Ethernet interfaces on front; LED panel on top; power connector on rear								E		
Manufacturing modification										
Standard									0	
Conformal coating									1	

Examples	Order code
RUGGEDCOM RSG2200 with 2 x HIP power supplies, 19" rack mounting kit, Ethernet connectors on rear; LED panel on front; power connector on rear + 1 x 10/100/1000BASE-TX RJ45 + 8 x 1000SX, multi-mode, 1310 nm, LC	6GK6022-0AS26-6DB0-Z A02+B02+C02+D02+E01

Z options	Slot 1	Slot 2	Slot 3	Slot 4
No module	A00	B00	C00	D00
2 x 10/100/1000BASE-TX RJ45	A01	B01	C01	D01
2 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	A02	B02	C02	D02
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	A03	B03	C03	D03
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	A04	B04	C04	D04
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 25 km	A05	B05	C05	D05
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 25 km	A06	B06	C06	D06
2 x 1000BASE-LX SFP, blank (no optical transceiver)	A07	B07	C07	D07
2 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 2 x SFP1122-1SX)	A08	B08	C08	D08
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 2 x SFP1132-1LX10)	A09	B09	C09	D09
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 2 x SFP1132-1LX25)	A10	B10	C10	D10
2 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 2 x SFP1132-1LX70)	A11	B11	C11	D11
2 x 1000BASE-LX GBIC, blank (no optical transceiver)	A12	B12	C12	D12
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	A13	B13	C13	D13
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	A14	B14	C14	D14
2 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	A15	B15	C15	D15
2 x 100BASE-FX, multi-mode, 1300 nm, ST	A16	B16	C16	D16
2 x 100BASE-FX, multi-mode, 1300 nm, SC	A17	B17	C17	D17
2 x 100BASE-FX, multi-mode 1300 nm, LC	A18	B18	C18	D18
2 x 100BASE-FX, multi-mode 1300 nm, MTRJ	A19	B19	C19	D19
2 x 100BASE-FX, single-mode 1310 nm, ST, 20 km	A20	B20	C20	D20
2 x 100BASE-FX, single-mode 1310 nm, SC, 20 km	A21	B21	C21	D21
2 x 100BASE-FX, single-mode 1310 nm, LC, 20 km	A22	B22	C22	D22
2 x 100BASE-FX, single-mode 1310 nm, SC, 50 km	A23	B23	C23	D23
2 x 100BASE-FX, single-mode 1310 nm, LC, 50 km	A24	B24	C24	D24
2 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	A25	B25	C25	D25
2 x 100BASE-FX, single-mode 1310 nm, LC, 90 km	A26	B26	C26	D26
2 x 1000BASE-TX, SFP, RJ45 (Incl. 2 x SFP1112-1)	A27	B27	C27	D27

Z options	Slot 5	Z options	Slot 5
No module	E00	1 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	E15
1 x 10/100/1000BASE-TX RJ45	E01	1 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	E16
1 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	E02	1 x 100BASE-FX - multi-mode, 1300 nm, ST	E17
1 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	E03	1 x 100BASE-FX - multi-mode, 1300 nm, SC	E18
1 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	E04	1 x 100BASE-FX - multi-mode 1300 nm, LC	E19
1 x 1000BASE-LX, single-mode, 1310 nm, SC, 25 km	E05	1 x 100BASE-FX - multi-mode 1300 nm, MTRJ	E20
1 x 1000BASE-LX, single-mode, 1310 nm, LC, 25 km	E06	1 x 100BASE-FX - single-mode 1310 nm, ST, 20 km	E21
1 x 1000BASE-LX SFP, blank (no optical transceiver)	E07	1 x 100BASE-FX - single-mode 1310 nm, SC, 20 km	E22
1 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 1 x SFP1122-1SX)	E08	1 x 100BASE-FX - single-mode 1310 nm, LC, 20 km	E23
1 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 1 x SFP1132-1LX10)	E09	1 x 100BASE-FX - single-mode 1310 nm, SC, 50 km	E24
1 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 1 x SFP1132-1LX25)	E10	1 x 100BASE-FX - single-mode 1310 nm, LC, 50 km	E25
1 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 1 x SFP1132-1LX70)	E11	1 x 100BASE-FX - single-mode, 1310 nm, SC, 90 km	E26
1 x 1000BASE-LX GBIC, blank (no optical transceiver)	E13	1 x 100BASE-FX - single-mode 1310 nm, LC, 90 km	E27
1 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	E14		

RUGGEDCOM RST2228 New



G_RCM0_XX_00194

Product	Article number									
RUGGEDCOM RST2228	6GK6222-6AB00-	.	.	.	.	-	Z			
Mounting Options										
No mounting option		0								
19" rack mounting kit, panel mount kit		5								
Power supply 1										
24 VDC (13 – 36 VDC) with screw terminal block								A		
48 VDC (36 – 72 VDC) with screw terminal block								B		
88 – 300 VDC / 85 – 264 VAC with screw terminal block								C		
24 VDC (13 – 36 VDC) with pluggable terminal block								D		
48 VDC (36 – 72 VDC) with pluggable terminal block								E		
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block								F		
12 VDC (10.5-15 VDC) with screw terminal block								G		
12 VDC (10.5-15 VDC) with pluggable terminal block								H		
Power supply 2 (terminal block must be equal to power supply 1)										
No power supply option								N		
24 VDC (13 – 36 VDC)								A		
48 VDC (36 – 72 VDC)								B		
88 – 300 VDC / 85 – 264 VAC								C		
12 VDC (10.5-15 VDC)								G		
Manufacturing modification										
Standard									0	
Conformal coating									1	

Service panel location	
Mounted on the front (connector side)	A00
Mounted on the back (heatsink side)	A01

Z options	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6
RUGGEDCOM RMM2931-4, blank module	B00	C00	D00	E00	F00	G00
RUGGEDCOM RMM2973-4RJ45, 4 x RJ45, 10/100/1000 BASE-TX	B01	C01	D01	E01	F01	G01
RUGGEDCOM RMM2973-4FC, 4 x FastConnect (RJ45), 10/100/1000 BASE-TX	B02	C02	D02	E02	F02	G02
RUGGEDCOM RMM2942-4LC2, 4 x LC-Interface, 100BASE-FX, multi-mode, 1300 nm	B05	C05	D05	E05	F05	G05
RUGGEDCOM RMM2972-4SFP, 4 x SFP-slot, supporting 100BASE-FX, 1000BASE-X SFPs, SFPs are not included	B06	C06	D06	E06	F06	G06

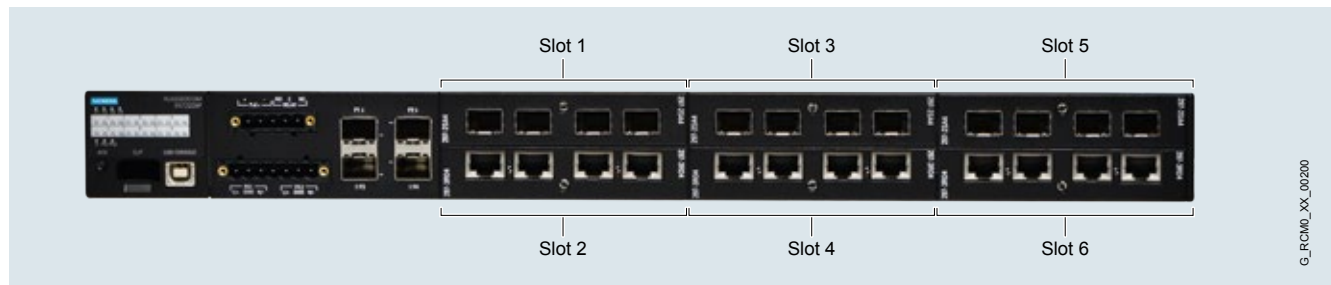
Examples	Order code
RUGGEDCOM RST2228 with 2 x 24 VDC power supplies, 19" rack mounting kit, panel mount kit, Ethernet connectors on rear; LED panel on front; power connector on rear with 2 x RUGGEDCOM RMM2973-4RJ45, 2 x RUGGEDCOM RMM2973-4FC, and 2 x RUGGEDCOM RMM2972-4SFP media modules	6GK6222-6AB00-5AA0-Z A00 + B01 + C01 + D02 + E02 + F06 + G06

Media modules



Modules	Article number
Standard Modules	
RUGGEDCOM RMM2931-4, blank module	6GK6293-1BA00-4AA0
RUGGEDCOM RMM2973-4RJ45, 4 x RJ45, 10/100/1000 BASE-TX	6GK6297-3RD00-4AB0
RUGGEDCOM RMM2973-4FC, 4 x FastConnect (RJ45), 10/100/1000 BASE-TX	6GK6297-3FD00-4AB0
RUGGEDCOM RMM2942-4LC2, 4 x LC-Interface, 100BASE-FX, multi-mode, 1300 nm	6GK6294-2LD00-4AC0
RUGGEDCOM RMM2972-4SFP, 4 x SFP-slot, supporting 100BASE-FX, 1000BASE-X SFPs, SFPs are not included	6GK6297-2SA00-4AA0
Conformal coated modules	
RUGGEDCOM RMM2973C-4RJ45, 4 x RJ45, 10/100/1000 BASE-TX with conformal coating	6GK6297-3RD00-4AB1
RUGGEDCOM RMM2973C-4FC, 4 x FastConnect (RJ45), 10/100/1000 BASE-TX with conformal coating	6GK6297-3FD00-4AB1
RUGGEDCOM RMM2942C-4LC2, 4 x LC-Interface, 100BASE-FX, multi-mode, 1300 nm with conformal coating	6GK6294-2LD00-4AC1
RUGGEDCOM RMM2972C-4SFP, 4 x SFP-slot, supporting 100BASE-FX, 1000BASE-X SFPs, SFPs are not included, with conformal coating	6GK6297-2SA00-4AA1

RUGGEDCOM RST2228P New



Product	Article number					
RUGGEDCOM RST2228P	6GK6222-6PB00-	.	.	.	.	- Z
Mounting Options						
No mounting option		0				
19" rack mounting kit, panel mount kit		5				
Power supply 1						
24 VDC (13 – 36 VDC) with screw terminal block			A			
48 VDC (36 – 72 VDC) with screw terminal block			B			
88 – 300 VDC / 85 – 264 VAC with screw terminal block			C			
24 VDC (13 – 36 VDC) with pluggable terminal block			D			
48 VDC (36 – 72 VDC) with pluggable terminal block			E			
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block			F			
12 VDC (10.5-15 VDC) with screw terminal block			G			
12 VDC (10.5-15 VDC) with pluggable terminal block			H			
Power supply 2 (terminal block must be equal to power supply 1)						
No power supply option			N			
24 VDC (13 – 36 VDC)			A			
48 VDC (36 – 72 VDC)			B			
88 – 300 VDC / 85 – 264 VAC			C			
12 VDC (10.5-15 VDC)			G			
Manufacturing modification						
Standard					0	
Conformal coating					1	

Service panel location	
Mounted on the front (connector side)	A00
Mounted on the back (heatsink side)	A01

Z options	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6
RUGGEDCOM RMM2931-4, blank module	B00	C00	D00	E00	F00	G00
RUGGEDCOM RMM2973-4RJ45, 4 x RJ45, 10/100/1000 BASE-TX	B01	C01	D01	E01	F01	G01
RUGGEDCOM RMM2973-4FC, 4 x FastConnect (RJ45), 10/100/1000 BASE-TX	B02	C02	D02	E02	F02	G02
RUGGEDCOM RMM2973-4POE, Power-over-Ethernet	B03	C03	D03	E03	F03	G03
RUGGEDCOM RMM2973-4PFC, 4 x FastConnect (RJ45), Power-over-Ethernet	B04	C04	D04	E04	F04	G04
RUGGEDCOM RMM2942-4LC2, 4 x LC-Interface, 100BASE-FX, multi-mode, 1300 nm	B05	C05	D05	E05	F05	G05
RUGGEDCOM RMM2972-4SFP, 4 x SFP-slot, supporting 100BASE-FX, 1000BASE-X SFPs, SFPs are not included	B06	C06	D06	E06	F06	G06

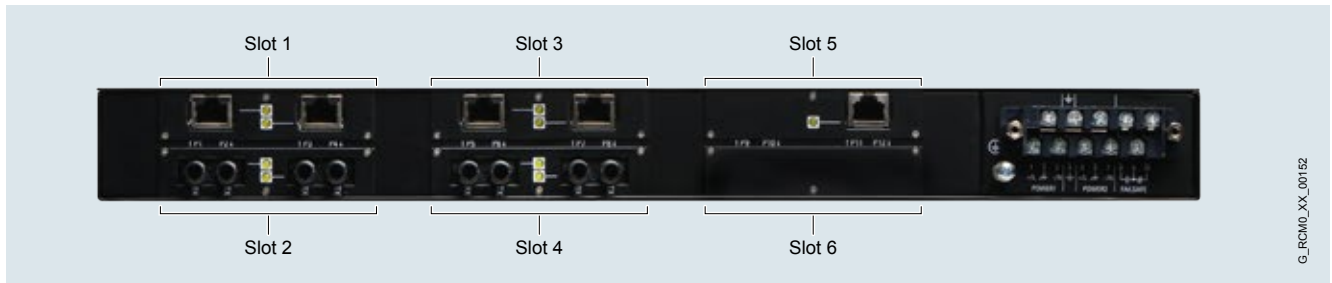
Examples	Order code
RUGGEDCOM RST2228P with 2 x 24 VDC power supplies with screw terminal blocks, 19" rack mounting kit, panel mount kit, Ethernet connectors on rear; LED panel on front; power connector on rear with 2 x RUGGEDCOM RMM2973-4POE, 2 x RUGGEDCOM RMM2973-4PFC, and 2 x RUGGEDCOM RMM2972-4SFP media modules.	6GK6222-6PB00-5AA0-Z A00 + B03 + C03 + D04 + E04 + F06 + G06

Media modules



Modules	Article number
Standard modules	
RUGGEDCOM RMM2931-4, blank module	6GK6293-1BA00-4AA0
RUGGEDCOM RMM2973-4RJ45, 4 x RJ45, 10/100/1000 BASE-TX	6GK6297-3RD00-4AB0
RUGGEDCOM RMM2973-4FC, 4 x FastConnect (RJ45), 10/100/1000 BASE-TX	6GK6297-3FD00-4AB0
RUGGEDCOM RMM2973-4POE, Power-over-Ethernet (PoE) 4 x RJ45	6GK6297-3PD00-4AB0
RUGGEDCOM RMM2973-4PFC, Power-over-Ethernet (PoE) 4 x FastConnect RJ45	6GK6297-3WD00-4AB0
RUGGEDCOM RMM2942-4LC2, 4 x LC-Interface, 100BASE-FX, multi-mode, 1300 nm	6GK6294-2LD00-4AC0
RUGGEDCOM RMM2972-4SFP, 4 x SFP-slot, supporting 100BASE-FX, 1000BASE-X SFPs, SFPs are not included	6GK6297-2SA00-4AA0
Conformal coated modules	
RUGGEDCOM RMM2973C-4RJ45, 4 x RJ45, 10/100/1000 BASE-TX with conformal coating	6GK6297-3RD00-4AB1
RUGGEDCOM RMM2973C-4FC, 4 x FastConnect (RJ45), 10/100/1000 BASE-TX with conformal coating	6GK6297-3FD00-4AB1
RUGGEDCOM RMM2973C-4POE, Power-over-Ethernet with conformal coating	6GK6297-3PD00-4AB1
RUGGEDCOM RMM2973C-4PFC, 4 x FastConnect (RJ45), Power-over-Ethernet with conformal coating	6GK6297-3WD00-4AB1
RUGGEDCOM RMM2942C-4LC2, 4 x LC-Interface, 100BASE-FX, multi-mode, 1300 nm with conformal coating	6GK6294-2LD00-4AC1
RUGGEDCOM RMM2972C-4SFP, 4 x SFP-slot, supporting 100BASE-FX, 1000BASE-X SFPs, SFPs are not included, with conformal coating	6GK6297-2SA00-4AA1

RUGGEDCOM RSG2288



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Product	Article number									
RUGGEDCOM RSG2288	6GK6022-8AS2	.	–	.	.	.	.	.	–	Z
Power supply 1										
24 VDC (10 – 36 VDC) with screw terminal block		1								
48 VDC (36 – 72 VDC) with screw terminal block		2								
88 – 300 VDC / 85 – 264 VAC with screw terminal block		3								
24 VDC (10 – 36 VDC) with pluggable terminal block		4								
48 VDC (36 – 72 VDC) with pluggable terminal block		5								
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block		6								
Power supply 2 (terminal block must be equal to power supply 1)										
No power supply 2								0		
24 VDC (10 – 36 VDC) with screw terminal block								1		
48 VDC (36 – 72 VDC) with screw terminal block								2		
88 – 300 VDC / 85 – 264 VAC with screw terminal block								3		
24 VDC (10 – 36 VDC) with pluggable terminal block								4		
48 VDC (36 – 72 VDC) with pluggable terminal block								5		
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block								6		
Mounting options										
No mounting option									A	
19" rack mounting kit									D	
DIN/rail and panel mounting kit									E	
19" rack, DIN/rail and panel mounting kit									F	
Connections										
Ethernet interfaces on rear; LED panel on front; power connector on rear									B	
Ethernet interfaces on front; LED panel on front; power connector on rear									C	
Ethernet interfaces on rear; LED panel on top; power connector on rear									D	
Ethernet interfaces on front; LED panel on top; power connector on rear									E	
Manufacturing modification										
Standard									0	
Conformal coating									1	

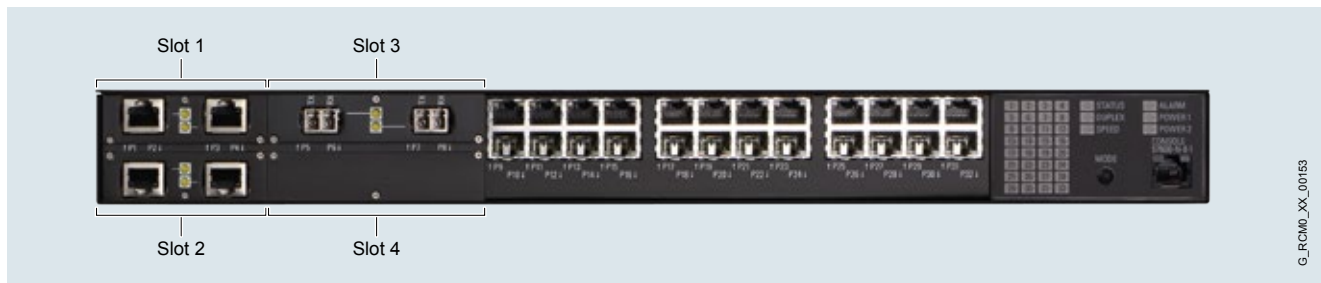
Examples	Order code
RUGGEDCOM RSG2288 with 2 x HI with screw terminal block power supplies, 19" rack mounting kit, Ethernet connectors on rear; LED panel on front; power connector on rear + 9 x 10/100/1000BASE-TX RJ45 + PTP-module	6GK6022-8AS23-3DB0-Z A01+B01+C01+D01+E01+F01

Z options	Slot 1	Slot 2	Slot 3	Slot 4
No module	A00	B00	C00	D00
2 x 10/100/1000BASE-TX RJ45	A01	B01	C01	D01
2 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	A02	B02	C02	D02
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	A03	B03	C03	D03
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	A04	B04	C04	D04
2 x 1000BASE-LX, single-mode, 1310nm, SC, 25 km	A05	B05	C05	D05
2 x 1000BASE-LX, single-mode, 1310nm, LC, 25 km	A06	B06	C06	D06
2 x 1000BASE-LX SFP, blank (no optical transceiver)	A07	B07	C07	D07
2 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 2 x SFP1122-1SX)	A08	B08	C08	D08
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 2 x SFP1132-1LX10)	A09	B09	C09	D09
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 2 x SFP1132-1LX25)	A10	B10	C10	D10
2 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 2 x SFP1132-1LX70)	A11	B11	C11	D11
2 x 1000BASE-LX GBIC, blank (no optical transceiver)	A12	B12	C12	D12
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	A13	B13	C13	D13
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	A14	B14	C14	D14
2 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	A15	B15	C15	D15
2 x 100BASE-FX, multi-mode, 1300 nm, ST	A16	B16	C16	D16
2 x 100BASE-FX, multi-mode, 1300 nm, SC	A17	B17	C17	D17
2 x 100BASE-FX, multi-mode 1300 nm, LC	A18	B18	C18	D18
2 x 100BASE-FX, multi-mode 1300 nm, MTRJ	A19	B19	C19	D19
2 x 100BASE-FX, single-mode 1310 nm, ST, 20 km	A20	B20	C20	D20
2 x 100BASE-FX, single-mode 1310 nm, SC, 20 km	A21	B21	C21	D21
2 x 100BASE-FX, single-mode 1310 nm, LC, 20 km	A22	B22	C22	D22
2 x 100BASE-FX, single-mode 1310 nm, SC, 50 km	A23	B23	C23	D23
2 x 100BASE-FX, single-mode 1310 nm, LC, 50 km	A24	B24	C24	D24
2 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	A25	B25	C25	D25
2 x 100BASE-FX, single-mode 1310 nm, LC, 90 km	A26	B26	C26	D26

Z options	Slot 5	Z options	Slot 5
No module	E00	1 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	E14
1 x 10/100/1000BASE-TX RJ45	E01	1 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	E15
1 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	E02	1 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	E16
1 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	E03	1 x 100BASE-FX - multi-mode, 1300 nm, ST	E17
1 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	E04	1 x 100BASE-FX - multi-mode, 1300 nm, SC	E18
1 x 1000BASE-LX, single-mode, 1310 nm, SC, 25 km	E05	1 x 100BASE-FX - multi-mode 1300 nm, LC	E19
1 x 1000BASE-LX, single-mode, 1310 nm, LC, 25 km	E06	1 x 100BASE-FX - multi-mode 1300 nm, MTRJ	E20
1 x 1000BASE-LX SFP, blank (no optical transceiver)	E07	1 x 100BASE-FX - single-mode 1310 nm, ST, 20 km	E21
1 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 1 x SFP1122-1SX)	E08	1 x 100BASE-FX - single-mode 1310 nm, SC, 20 km	E22
1 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 1 x SFP1132-1LX10)	E09	1 x 100BASE-FX - single-mode 1310 nm, LC, 20 km	E23
1 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 1 x SFP1132-1LX25)	E10	1 x 100BASE-FX - single-mode 1310 nm, SC, 50 km	E24
1 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 1 x SFP1132-1LX70)	E11	1 x 100BASE-FX - single-mode 1310 nm, LC, 50 km	E25
1 x 1000BASE-LX GBIC, blank (no optical transceiver)	E13	1 x 100BASE-FX - single-mode, 1310 nm, SC, 90 km	E26

Z options	Slot 6
No module	F00
Precision Time Protocol (PTP) module. Inputs: GPS, IRIG-B; outputs: IRIG-B AM and TTL	F01

RUGGEDCOM RSG2300



Product	Article number									
RUGGEDCOM RSG2300	6GK6023-0AS2	.	–	.	.	.	.	–	Z	
Power supply 1										
24 VDC (10 – 36 VDC) with screw terminal block		1								
48 VDC (36 – 72 VDC) with screw terminal block		2								
88 – 300 VDC / 85 – 264 VAC with screw terminal block		3								
24 VDC (10 – 36 VDC) with pluggable terminal block		4								
48 VDC (36 – 72 VDC) with pluggable terminal block		5								
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block		6								
Power supply 2 (terminal block must be equal to power supply 1)										
No power supply 2				0						
24 VDC (10 – 36 VDC) with screw terminal block				1						
48 VDC (36 – 72 VDC) with screw terminal block				2						
88 – 300 VDC / 85 – 264 VAC with screw terminal block				3						
24 VDC (10 – 36 VDC) with pluggable terminal block				4						
48 VDC (36 – 72 VDC) with pluggable terminal block				5						
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block				6						
Mounting options										
No mounting option					A					
19" rack mounting kit					D					
DIN/rail and panel mounting kit					E					
19" rack, DIN/rail and panel mounting kit					F					
Connections										
Ethernet interfaces on rear; LED panel on front; power connector on rear						B				
Ethernet interfaces on front; LED panel on front; power connector on rear						C				
Ethernet interfaces on rear; LED panel on top; power connector on rear						D				
Ethernet interfaces on front; LED panel on top; power connector on rear						E				
Manufacturing modification										
Standard								0		
Conformal coating								1		

Examples	Order code
RUGGEDCOM RSG2300 with 2 x 48 VDC with screw terminal block power supplies, 19" rack mounting kit, Ethernet connectors on rear; LED panel on front; power connector on rear; + 28 x 10/100BASE-TX RJ45 + 4 x 1000BASE-LX, single-mode, 70 km SFP	6GK6023-0AS13-3DB0-Z A01+B01+C11+D11

Z options	Slot 1	Slot 2
No module	A00	B00
2 x 10/100BASE-TX RJ45	A01	B01
2 x 10BASE-FL, multi-mode, 850 nm, ST	A02	B02
2 x 100BASE-FX, multi-mode, 1300 nm, ST	A03	B03
2 x 100BASE-FX, multi-mode, 1300 nm, SC	A04	B04
2 x 100BASE-FX, multi-mode, 1300 nm, LC	A05	B05
2 x 100BASE-FX, multi-mode, 1300 nm, MTRJ	A06	B06
2 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km	A07	B07
2 x 100BASE-FX, single-mode, 1310 nm, SC, 20 km	A08	B08
2 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	A09	B09
2 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km	A10	B10
2 x 100BASE-FX, single-mode, 1310 nm, LC, 50 km	A11	B11
2 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	A12	B12
2 x 100BASE-FX, single-mode, 1310 nm, LC, 90 km	A13	B13

Z options	Slot 3	Slot 4
No module	C00	D00
2 x 10/100/1000BASE-TX RJ45	C01	D01
2 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	C02	D02
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	C03	D03
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	C04	D04
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 25 km	C05	D05
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 25 km	C06	D06
2 x 1000BASE-LX SFP, blank (no optical transceiver)	C07	D07
2 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 2 x SFP1122-1SX)	C08	D08
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 2 x SFP1132-1LX10)	C09	D09
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 2 x SFP1132-1LX25)	C10	D10
2 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 2 x SFP1132-1LX70)	C11	D11
2 x 1000BASE-LX GBIC, blank (no optical transceiver)	C12	D12
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	C13	D13
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	C14	D14
2 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	C15	D15
2 x 100BASE-FX, multi-mode, 1300 nm, ST	C16	D16
2 x 100BASE-FX, multi-mode, 1300 nm, SC	C17	D17
2 x 100BASE-FX, multi-mode 1300 nm, LC	C18	D18
2 x 100BASE-FX, multi-mode 1300 nm, MTRJ	C19	D19
2 x 100BASE-FX, single-mode 1310 nm, ST, 20 km	C20	D20
2 x 100BASE-FX, single-mode 1310 nm, SC, 20 km	C21	D21
2 x 100BASE-FX, single-mode 1310 nm, LC, 20 km	C22	D22
2 x 100BASE-FX, single-mode 1310 nm, SC, 50 km	C23	D23
2 x 100BASE-FX, single-mode 1310 nm, LC, 50 km	C24	D24
2 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	C25	D25
2 x 100BASE-FX, single-mode 1310 nm, LC, 90 km	C26	D26
2 x 1000BASE-TX, SFP, RJ45 (Incl. 2 x SFP1112-1)	C27	D27

RUGGEDCOM RSG2300P



Product	Article number									
RUGGEDCOM RSG2300P	6GK6023-0PS2	.	-	8	.	.	.	-	Z	
Power supply 1										
24 VDC (10 – 36 VDC) with screw terminal block		1								
48 VDC (36 – 72 VDC) with screw terminal block		2								
88 – 300 VDC / 85 – 264 VAC with screw terminal block		3								
24 VDC (10 – 36 VDC) with pluggable terminal block		4								
48 VDC (36 – 72 VDC) with pluggable terminal block		5								
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block		6								
Mounting options										
No mounting option						A				
19" rack mounting kit						D				
DIN/rail and panel mounting kit						E				
19" rack, DIN/rail and panel mounting kit						F				
Connections										
Ethernet interfaces on rear; LED panel on front; power connector on rear							B			
Ethernet interfaces on front; LED panel on front; power connector on rear							C			
Ethernet interfaces on rear; LED panel on top; power connector on rear							D			
Ethernet interfaces on front; LED panel on top; power connector on rear							E			
Manufacturing modification										
Standard								0		
Conformal coating								1		

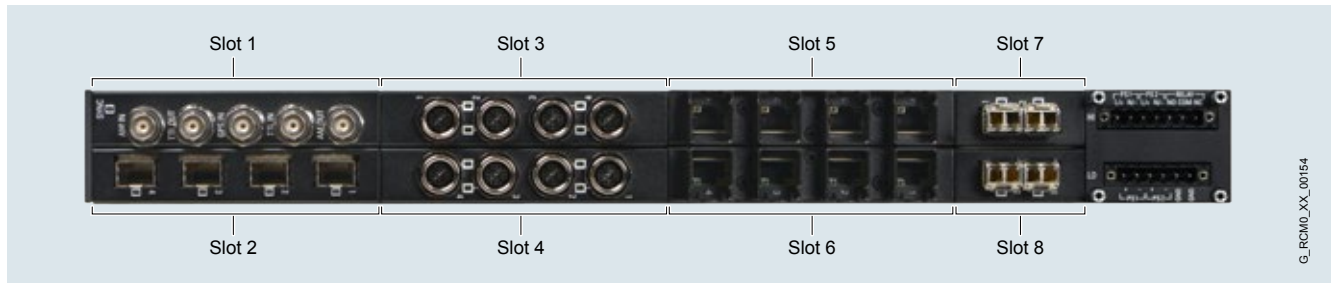
Examples	Order code
RUGGEDCOM RSG2300P with 1 x HI with screw terminal block power supplies, 19" rack mounting kit, Ethernet connectors on rear; LED panel on front; power connector on rear + 4 x 10/100BASE-TX RJ45 (PoE), 4 x 10/100/1000BASE-TX RJ45 + 24 x 10/100BASE-TX RJ45	6GK6023-0PS23-8DB0-Z A01+B01+C01+D01

Z options	Slot 1
No module	A00
2 x 10/100BASE-TX PoE ports	A01
2 x 10BASE-FL, multi-mode, 850 nm, ST	A02
2 x 100BASE-FX, multi-mode, 1300 nm, ST	A03
2 x 100BASE-FX, multi-mode, 1300 nm, SC	A04
2 x 100BASE-FX, multi-mode, 1300 nm, LC	A05
2 x 100BASE-FX, multi-mode, 1300 nm, MTRJ	A06
2 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km	A07
2 x 100BASE-FX, single-mode, 1310 nm, SC, 20 km	A08
2 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	A09
2 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km	A10
2 x 100BASE-FX, single-mode, 1310 nm, LC, 50 km	A11
2 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	A12
2 x 100BASE-FX, single-mode, 1310 nm, LC, 90 km	A13

Z options	Slot 2
2 x 10/100BASE-TX RJ45 (PoE ports)	B01

Z options	Slot 3	Slot 4
No module	C00	D00
2 x 10/100/1000BASE-TX RJ45	C01	D01
2 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	C02	D02
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	C03	D03
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	C04	D04
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 25 km	C05	D05
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 25 km	C06	D06
2 x 1000BASE-LX SFP, blank (no optical transceiver)	C07	D07
2 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 2 x SFP1122-1SX)	C08	D08
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 2 x SFP1132-1LX10)	C09	D09
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 2 x SFP1132-1LX25)	C10	D10
2 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 2 x SFP1132-1LX70)	C11	D11
2 x 1000BASE-LX GBIC, blank (no optical transceiver)	C12	D12
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 10 km	C13	D13
2 x 1000BASE-LX GBIC, single-mode, 1310 nm, SC, 25 km	C14	D14
2 x 1000BASE-LX GBIC, single-mode, 1550 nm, SC, 70 km	C15	D15
2 x 100BASE-FX, multi-mode, 1300 nm, ST	C16	D16
2 x 100BASE-FX, multi-mode, 1300 nm, SC	C17	D17
2 x 100BASE-FX, multi-mode 1300 nm, LC	C18	D18
2 x 100BASE-FX, multi-mode 1300 nm, MTRJ	C19	D19
2 x 100BASE-FX, single-mode 1310 nm, ST, 20 km	C20	D20
2 x 100BASE-FX, single-mode 1310 nm, SC, 20 km	C21	D21
2 x 100BASE-FX, single-mode 1310 nm, LC, 20 km	C22	D22
2 x 100BASE-FX, single-mode 1310 nm, SC, 50 km	C23	D23
2 x 100BASE-FX, single-mode 1310 nm, LC, 50 km	C24	D24
2 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	C25	D25
2 x 100BASE-FX, single-mode 1310 nm, LC, 90 km	C26	D26
2 x 1000BASE-TX, SFP, RJ45 (Incl. 2 x SFP1112-1)	C27	D27

RUGGEDCOM RSG2488



Product	Article number									
RUGGEDCOM RSG2488	6GK6024-8GS2	.	-	.	.	A	.	-	Z	
Power supply 1										
24 VDC (10 – 36 VDC) with screw terminal block		1								
48 VDC (36 – 72 VDC) with screw terminal block		2								
88 – 300 VDC / 85 – 264 VAC with screw terminal block		3								
24 VDC (10 – 36 VDC) with pluggable terminal block		4								
48 VDC (36 – 72 VDC) with pluggable terminal block		5								
88 – 300 VDC / 85 – 264 VAC with pluggable terminal block		6								
Power supply 2 (terminal block must be equal to power supply 1)										
No power supply 2				0						
24 VDC (13 – 36 VDC)				1						
48 VDC (37 – 72 VDC)				2						
88 – 300 VDC / 85 – 264 VAC				3						
Mounting options										
No mounting option					A					
19" rack mounting kit					D					
DIN/rail and panel mounting kit					E					
19" rack, DIN/rail and panel mounting kit					F					
Manufacturing modification										
Standard							0			
Conformal coating							1			

Examples	Order code
RUGGEDCOM RSG2488 with 1 x 48 VDC with screw terminal block power supply, 19" rack mounting kit + 28 blank SFP-slots	6GK6024-8GS21-0DA0-Z A08+B08+C08+D08+E08+F08+G65+H65

Z options	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6
4-Port blank assembly module	A00	B00	C00	D00	E00	F00
4 x 10/100/1000BASE-TX RJ45	A01	B01	C01	D01	E01	F01
4 x 10/100/1000BASE-TX FactConnect	A02	B02	C02	D02	E02	F02
4 x 10/100/1000BASE-TX M12 "A-coded"	A03	B03	C03	D03	E03	F03
4 x 10/100/1000BASE-TX M12 "X-coded"	A04	B04	C04	D04	E04	F04
4 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	A05	B05	C05	D05	E05	F05
4 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	A06	B06	C06	D06	E06	F06
4 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	A07	B07	C07	D07	E07	F07
4 x Blank SFP (no optical transceiver)	A08	B08	C08	D08	E08	F08
4 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 4 x SFP1122-1SX)	A09	B09	C09	D09	E09	F09
4 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 4 x SFP1132-1LX10)	A10	B10	C10	D10	E10	F10

Z options	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6
4 x 1000BASE-LX SFP, single-mode, 1300 nm, LC, 25 km (Incl. 4 x SFP1132-1LX25)	A11	B11	C11	D11	E11	F11
4 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km (Incl. 4 x SFP1132-1LX70)	A12	B12	C12	D12	E12	F12
4 x 100BASE-FX, multi-mode, 1300 nm, ST, 2 km	A13	B13	C13	D13	E13	F13
4 x 100BASE-FX, multi-mode, 1300 nm, SC, 2 km	A14	B14	C14	D14	E14	F14
4 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km	A15	B15	C15	D15	E15	F15
4 x 100BASE-FX, single-mode, 1310 nm, SC, 20 km	A16	B16	C16	D16	E16	F16
4 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	A17	B17	C17	D17	E17	F17
4 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km	A18	B18	C18	D18	E18	F18
4 x 100BASE-FX, multi-mode, 1300 nm, LC, 2 km	A19	B19	C19	D19	E19	F19
4 x 100BASE-FX, single-mode, 1310 nm, LC, 50 km	A20	B20	C20	D20	E20	F20
4 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	A21	B21	C21	D21	E21	F21
4 x 100BASE-FX, single-mode, 1310 nm, LC, 90 km	A22	B22	C22	D22	E22	F22
4 x 1000BASE-LX, single-mode, 1310 nm, SC, 2 km	A23	B23	C23	D23	E23	F23
4 x 1000BASE-LX, single-mode, 1310 nm, LC, 25 km	A24	B24	C24	D24	E24	F24
Precision Time Protocol (PTP) module: GPS in, IRIG-B AM/TTL on/out	A59					

Z options	Slot 7	Slot 8
RUGGEDCOM RSG2488 2-port blank assembly module	G60	H60
2 x 10/100/1000BASE-TX RJ45	G61	H61
2 x 10/100/1000BASE-TX FastConnect	G62	H62
2 x 10/100/1000BASE-TX M12 "A-coded"	G63	H63
2 x 10/100/1000BASE-TX M12 "X-coded"	G64	H64
2 x Blank SFP (no optical transceiver)	G65	H65
2 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500 m (Incl. 2 x SFP1122-1SX)	G67	H67
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km (Incl. 2 x SFP1132-1LX10)	G68	H68
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km (Incl. 2 x SFP1132-1LX25)	G69	H69
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 70 km (Incl. 2 x SFP1132-1LX70)	G70	H70
2 x 100BASE-FX SFP, multi-mode, 1310 nm, LC 2 km (Incl. 2 x SFP1121-1FX2)	G71	H71

Media modules

Modules	Article Number	
Power supplies	Standard	Conformal Coating
24 VDC (10 – 36 VDC)	6GK6000-8PS11-1EA0	6GK6000-8PS11-1EA1
48 VDC (36 – 72 VDC)	6GK6000-8PS12-1EA0	6GK6000-8PS12-1EA1
88 – 300 VDC / 85 – 264 VAC	6GK6000-8PS13-1EA0	6GK6000-8PS13-1EA1

Modules	Description	Article Number	
4-Slot modules		Standard	Conformal Coating
RMM2431-4	Blank module for 4 port width slots	6GK6000-8AA00-4EA0	6GK6000-8AA00-4EA1
RMM2473-4RJ45	4 x RJ45, 10/100/1000BASE-TX	6GK6000-8CG01-4EA0	6GK6000-8CG01-4EA1
RMM2473-4FC	4 x FastConnect RJ45, 10/100/1000BASE-TX	6GK6000-8CG02-4EA0	6GK6000-8CG02-4EA1
RMM2474-4LC	4 x 1000Mbit/s LC-interface, 1000BASE-SX, MM up to 500 m, 850 nm	6GK6000-8FG01-4EA0	6GK6000-8FG01-4EA1
RMM2475-4LC10	4 x 1000Mbit/s LC-interface, optical: 1000BASE-LX, SM up to 10 km	6GK6000-8FG03-4EA0	6GK6000-8FG03-4EA1
RMM2472-4SFP	4 x SFP-slot, supporting 100BASE-FX, 1000BASE-X SFPs, SFPs are not included	6GK6000-8FG50-4EA0	6GK6000-8FG50-4EA1
RMM2474-4SFP	4 x SFP-slot, Incl. 4 x SFP1122-1SX, 1000Mbit/s, MM up to 500 m, 850 nm	6GK6000-8FG51-4EA0	6GK6000-8FG51-4EA1
RMM2475-4SFP10	4 x SFP-slot, Incl. 4 x SFP1132-1LX10, 1000Mbit/s, SM up to 10 km, 1310 nm	6GK6000-8FG52-4EA0	6GK6000-8FG52-4EA1
RMM2475-4SFP25	4 x SFP-slot, Incl. 4 x SFP1132-1LX25, 1000Mbit/s, SM up to 25 km, 1310 nm	6GK6000-8FG53-4EA0	6GK6000-8FG53-4EA1
RMM2475-4SFP70	4 x SFP-slot, Incl. 4 x SFP1132-1LX70, 1000Mbit/s, SM up to 70 km, 1550 nm	6GK6000-8FG54-4EA0	6GK6000-8FG54-4EA1
RMM2464-4ST2	4 x 100Mbit/s ST-interface, optical: 100BASE-FX, MM up to 2 km, 1300 nm	6GK6000-8FX01-4EA0	6GK6000-8FX01-4EA1
RMM2465-4ST20	4 x 100Mbit/s ST-interface, optical: 100BASE-FX, SM up to 20 km, 1310 nm	6GK6000-8FX04-4EA0	6GK6000-8FX04-4EA1
RMM2465-4LC20	4 x 100Mbit/s LC-interface, optical: 100BASE-FX, SM up to 20 km, 1310 nm	6GK6000-8FX06-4EA0	6GK6000-8FX06-4EA1
RMM2464-4LC2	4 x 100Mbit/s LC-interface, optical: 100BASE-FX, MM up to 2 km, 1300 nm	6GK6000-8FX11-4EA0	6GK6000-8FX11-4EA1

* SM = single-mode, MM = multi-mode

Modules	Description	Article Number	
RMM2475-4LC25	4 x 1000Mbit/s LC-interface, optical: 1000BASE-LX, SM up to 25 km, 1310 nm	6GK6000-8FG05-4EA0	6GK6000-8FG05-4EA1
RMM2465-4LC50	4 x 100Mbit/s LC-interface, optical: 100BASE-FX, SM up to 50 km, 1310 nm	6GK6000-8FX08-4EA0	6GK6000-8FX08-4EA1
RMM2465-4LC90	4 x 100Mbit/s LC-interface, optical: 100BASE-FX, SM up to 90 km, 1310 nm	6GK6000-8FX10-4EA0	6GK6000-8FX10-4EA1
RMM2475-4SC10	4 x 1000Mbit/s SC-interface, optical: 1000BASE-LX, SM up to 10 km, 1310 nm	6GK6000-8FG02-4EA0	6GK6000-8FG02-4EA1
RMM2475-4SC50	4 x 1000Mbit/s SC-interface, optical: 1000BASE-LX, SM up to 25 km, 1310 nm	6GK6000-8FG04-4EA0	6GK6000-8FG04-4EA1
RMM2464-4SC2	4 x 100Mbit/s SC-interface, optical: 100BASE-FX, MM up to 2 km, 1300 nm	6GK6000-8FX02-4EA0	6GK6000-8FX02-4EA1
RMM2465-4SC20	4 x 100Mbit/s SC-interface, optical: 100BASE-FX, SM up to 20 km, 1310 nm	6GK6000-8FX05-4EA0	6GK6000-8FX05-4EA1
RMM2465-4SC50	4 x 100Mbit/s SC-interface, optical: 100BASE-FX, SM up to 50 km, 1310 nm	6GK6000-8FX07-4EA0	6GK6000-8FX07-4EA1
RMM2465-4SC90	4 x 100Mbit/s SC-interface, optical: 100BASE-FX, SM up to 90 km, 1310 nm	6GK6000-8FX03-4EA0	6GK6000-8FX03-4EA1
RMM2473-4M12A	4 x M12 "A-CODED", 10/100/1000BASE-TX	6GK6000-8CG03-4EA0	6GK6000-8CG03-4EA1
RMM2473-4M12X	4 x M12 "X-CODED", 10/100/1000BASE-TX	6GK6000-8CG04-4EA0	6GK6000-8CG04-4EA1
RMM2431-5PTP	PTP module	6GK6000-8PT01-4EA0	6GK6000-8PT01-4EA1
2-Slot modules			
RMM2431-2	Blank module for 2-port-width slots	6GK6000-8AA00-2EA0	6GK6000-8AA00-2EA1
RMM2473-2RJ45	2 x RJ45, 10/100/1000BASE-TX	6GK6000-8CG01-2EA0	6GK6000-8CG01-2EA1
RMM2473-2FC	2 x FastConnect RJ45, 10/100/1000BASE-TX	6GK6000-8CG02-2EA0	6GK6000-8CG02-2EA1
RMM2472-2SFP	2 x SFP-slot, supporting 100BASE-FX, 1000BASE-X SFPs, SFPs are not included	6GK6000-8FG50-2EA0	6GK6000-8FG50-2EA1
RMM2474-2SFP	2 x SFP-slot, Incl. 2 x SFP1122-1SX, 1000Mbit/s, MM up to 500 m, 850 nm	6GK6000-8FG51-2EA0	6GK6000-8FG51-2EA1
RMM2475-2SFP10	2 x SFP-slot, Incl. 2 x SFP1132-1LX10, 1000Mbit/s, SM up to 10 km, 1310 nm	6GK6000-8FG52-2EA0	6GK6000-8FG52-2EA1
RMM2475-2SFP25	2 x SFP-slot, Incl. 2 x SFP1132-1LX25, 1000Mbit/s, SM up to 25 km, 1310 nm	6GK6000-8FG53-2EA0	6GK6000-8FG53-2EA1
RMM2475-2SFP70	2 x SFP-slot, Incl. 2 x SFP1132-1LX70, 1000Mbit/s, SM up to 70 km, 1550 nm	6GK6000-8FG54-2EA0	6GK6000-8FG54-2EA1
RMM2464-2SFP2	2 x SFP-slot, Incl. 2 x SFP1132-1LX70, 100Mbit/s, MM up to 2 km, 1310 nm	6GK6000-8FX51-2EA0	6GK6000-8FX51-2EA1
RMM2473-2M12A	2 x M12 "A-CODED", 10/100/1000BASE-TX	6GK6000-8CG03-2EA0	6GK6000-8CG03-2EA1
RMM2473-2M12X	2 x M12 "X-CODED", 10/100/1000BASE-TX	6GK6000-8CG04-2EA0	6GK6000-8CG04-2EA1

* SM = single-mode, MM = multi-mode

Accessories

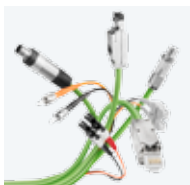
Mounting Kits	Article Number
RUGGEDCOM RSG2xxx rack mount kits. Rack mount kit for RUGGEDCOM RSG2100, RSG2100P, RSG2200, RSG2288, RSG2300, RSG2300P and RS416	6GK6000-8MA10-0AA0
RUGGEDCOM RSG2xxx DIN/panel kits. DIN/panel mount kit for RUGGEDCOM RSG2100, RSG2100P, RSG2200, RSG2288, RSG2300, RSG2300P	6GK6000-8MA20-0AA0
Rack mount kit for RUGGEDCOM RSG2488	6GK6000-8MK11-1EA0
DIN/panel mount kit for RUGGEDCOM RSG2488	6GK6000-8MK12-1EA0
Rack mount kit for RUGGEDCOM RST2228	6GK6000-8MA01-0AA0

Miscellaneous	Article Number
Console cable (DB9 to RJ45), 6 ft.	6GK6000-8DT00-0AA0
USB console cable, USB 2.0 A type to B type cable assembly 10 feet / 3 meters	6GK6000-8DT01-0AA0
GPS Kit including GPS antenna, mounting bracket and 15 meter antenna cable for PTP module of the RUGGEDCOM RSG2488 and RSG2288	6GK6000-8NC00-0AA0
Safety cover kit for RUGGEDCOM RSG2100, RSG2100P, RSG2200, RSG2288, RSG2300, RSG2300P	6GK6000-8HC00-0AA0
RJ45 dust covers for RUGGEDCOM products, 8 pieces	6GK6000-8HT01-0CA0
RUGGEDCOM CLP 2GB, storage media for simple device exchange in case of failure, for storage of configuration or user data with 2 GB capacity.	6GK6000-8RA00-1HA0
RUGGEDCOM CLP 2GB CC, storage media for simple device exchange in case of failure, for storage of configuration or user data with 2 GB capacity.	6GK6000-8RA00-1HA1
1 Gigabyte MicroSD card	6GK6000-8HT01-0SA0
RUGGEDCOM RPS1300, power supply input 120/230 VAC, output 54 VDC/2.6A, suitable for PoE applications	6GK6000-8HS01-0AA0
Power cable with NEMA 5-15P plug with lugs for screwable terminal blocks, 6 ft.	6GK6000-8BA00-0AA0
Power cable with NEMA 5-15P plug without lugs for pluggable terminal blocks, 6 ft.	6GK6000-8BB00-0AA0
Power supply connector kit with 5 pluggable terminal blocks for RUGGEDCOM RSG2100, RSG2100P, RSG2200, RSG2288, RSG2300 and RSG2300P	6GK6000-8HC01-0AA0

Miscellaneous	Article Number
Power supply connector kit with 5 screw terminal blocks for RUGGEDCOM RSG2100, RSG2100P, RSG2200, RSG2288, RSG2300 and RSG2300P	6GK6000-8HC02-0AA0
Power supply connector kit with 5 pluggable terminal blocks for RUGGEDCOM RSG2488.	6GK6000-8HC03-0AA0
Power supply connector kit with 5 screw terminal blocks for RUGGEDCOM RSG2488.	6GK6000-8HC04-0AA0
Power supply connector kit with 5 pluggable terminal blocks for RUGGEDCOM RST2228 and RST2228P.	6GK6000-8HC05-0AA0
Power supply connector kit with 5 screw terminal blocks for RUGGEDCOM RST2228 and RST2228P.	6GK6000-8HC06-0AA0

Fiber optic transceivers			Specifications						RSG2100(P)	RSG2200	RST2228(P)	RSG2288	RSG2300(P)	RSG2488
Product name	Article number	Cable	10000 Mbit/s	1000 Mbit/s	100 Mbit/s	Wavelengths	Max. range	Temp.						
SFP1112-1	6GK6000-8CG01-0AA0	Copper		1 x RJ45			100 m	0 - 70 °C	●	●	●		●	●
SFP1121-1FX2	6GK6000-8FE51-0AA0	MM			1 x LC	1310 nm	2 km	-40 - 85 °C		●	●		●	●
SFP1121-1FX2A	6GK6000-8FE50-0AA0	MM			1 x LC		2 km	-40 - 85 °C			●			
SFP1131-1FX20	6GK6000-8FE52-0AA0	SM			1 x LC	1310 nm	20 km	-40 - 85 °C		●	●		●	●
SFP1131-1FX50	6GK6000-8FE53-0AA0	SM			1 x LC	1310 nm	50 km	-40 - 85 °C		●	●		●	●
SFP1131-1FX90	6GK6000-8FE54-0AA0	SM			1 x LC	1550 nm	90 km	-40 - 85 °C		●	●		●	●
SFP1131-1LX10A	6GK6000-8FE60-0AA0	SM			1 x LC		10 km	-40 - 85 °C			●			
SFP1131S-1LX40A	6GK6000-8FE62-0AA0	SM			1 x LC		40 km	-5 - 70 °C			●			
SFP1132-1BX10R	6GK6000-8FB51-0AA0	SM		1 x LC		1310Tx 1490Rx	10 km	-40 - 85 °C		●	●		●	●
SFP1132-1BX10T	6GK6000-8FB52-0AA0	SM		1 x LC		1490Tx 1310Rx	10 km	-40 - 85 °C		●	●		●	●
SFP1132-1BX40R	6GK6000-8FB53-0AA0	SM		1 x LC		1310Tx 1490Rx	40 km	-40 - 85 °C		●	●		●	●
SFP1132-1BX40T	6GK6000-8FB54-0AA0	SM		1 x LC		1490Tx 1310Rx	40 km	-40 - 85 °C		●	●		●	●
SFP1122-1SX	6GK6000-8FG51-0AA0	MM		1 x LC		850 nm	500 m	-40 - 85 °C	●	●	●	●	●	●
SFP1122-1SX2	6GK6000-8FE58-0AA0	MM		1 x LC		1310 nm	2 km	-40 - 85 °C			●		●	
SFP1132-1LX10	6GK6000-8FG52-0AA0	SM		1 x LC		1310 nm	10 km	-40 - 85 °C	●	●	●	●	●	●
SFP1132-1LX25	6GK6000-8FG53-0AA0	SM		1 x LC		1310 nm	25 m	-40 - 85 °C	●	●	●	●	●	●
SFP1132-1LX40	6GK6000-8FG57-0AA0	SM		1 x LC		1550 nm	40 km	-40 - 85 °C	●	●	●	●	●	●
SFP1132-1LX70	6GK6000-8FG54-0AA0	SM		1 x LC		1550 nm	70 km	-40 - 85 °C	●	●	●	●	●	●
SFP1132-1LX100	6GK6000-8FG55-0AA0	SM		1 x LC		1550 nm	100 km	0 - 70 °C	●	●	●	●	●	●
SFP1132-1LX115	6GK6000-8FE56-0AA0	SM		1 x LC		1550 nm	115 km	-10 - 70 °C	●	●	●	●	●	●
SFP2123-1SR	6GK6000-8FT50-0AA0	MM	1 x LC				300 m	-40 - 85 °C			●			
SFP2133-1LR10	6GK6000-8FT51-0AA0	SM	1 x LC				10 km	-40 - 85 °C			●			
SFP2133-1ER40	6GK6000-8FT53-0AA0	SM	1 x LC				40 km	-40 - 85 °C			●			
SFP2133-1ZR80	6GK6000-8FT52-0AA0	SM	1 x LC				80 km	-40 - 85 °C			●			
GBIC1132-1SM10	6GK6000-8FG58-0AA0	SM		1 x GBIC SC		1300 nm	10 km	-40 - 85 °C	●	●		●	●	
GBIC1132-1SM25	6GK60008FG600AA0	SM		1 x GBIC SC		1300 nm	25 km	-40 - 85 °C	●	●		●	●	
GBIC1132-1SM70	6GK60008FG730AA0	SM		1 x GBIC SC		1550 nm	70 km	-40 - 85 °C	●	●		●	●	
GBIC1132-1SM70	6GK60008FG730AA0	SM		1 x GBIC SC		1550 nm	70 km	-40 - 85 °C	●	●		●	●	

* SM = single-mode, MM = multi-mode



FastConnect™ Cabling System

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Article No. 6ZB5531-0AP02-0BA2
W-FPN7Z-RG-PD202 / Dispo 26000
BR 0918 2. ROT 20 En
Printed in Germany

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