

# INDUSTRIAL NETWORKING



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ORDER CODE	PART NUMBER	DESCRIPTION	PACK QTY
<b>FIBER TRANSCEIVERS - SERIAL/FIELDBUS</b>			
<b>Fieldbus fiber-optic repeaters</b>			
943 776-321	OZD 485 G12	RS-485 transceiver, 1 electrical and 2 optical ports, multimode - support HIPER-Ring	1
943 777-321	OZD 485 G12-1300	RS-485 transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring	1
943 893-321	OZD 485 G12 BAS	RS-485 transceiver BASIC, 1 electrical and 2 optical ports, multimode. Support star & bus/line topology ONLY.	1
943 894-321	OZD 485 G12 PRO	RS-485 transceiver PROFESSIONAL, 1 electrical and 2 optical ports, multimode - support HIPER-Ring	1
943 895-321	OZD 485 G12-1300 PRO	RS-485 transceiver PROFESSIONAL, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring	1
943 290-902	OZD 485 Handbuch/manual	RS-485 transceiver technical manual	1
933 847-421	OZD FIP G3	WORLDFIP/FIP transceiver, 1 electrical and 2 optical ports, multimode - support HIPER-Ring	1
933 847-521	OZD FIP G3 T, Fiberoptic Module FIP	WORLDFIP/FIP transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring	1
933 989-021	OZD GENIUS G12	Genius transceiver, 1 electrical and 2 optical ports - support HIPER-Ring	1
934 233-021	OZD GENIUS G12-1300	Genius transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring	1
943 740-021	OZD Modbus Plus G12	Modbus+ transceiver, 1 electrical and 2 optical ports - support HIPER-Ring	1
943 821-021	OZD Modbus Plus G12-1300	Modbus+ transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring	1
943 728-221	OZD PROFI 12M P11	Profibus transceiver, 1 electrical and 1 optical ports, plastic FO	1
943 728-321	OZD PROFI 12M P12	Profibus transceiver, 1 electrical and 2 optical ports, plastic FO - support HIPER-Ring	1
943 727-221	OZD PROFI 12M G11	Profibus transceiver, 1 electrical and 1 optical port	1
943 727-321	OZD PROFI 12M G12	Profibus transceiver, 1 electrical and 2 optical ports, multimode - support HIPER-Ring	1
943 729-221	OZD PROFI 12M G11 1300	Profibus transceiver, 1 electrical and 1 optical port, singlemode	1
943 729-321	OZD PROFI 12M G12 1300	Profibus transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring	1
943 730-321	OZD PROFI 12M G12 EEC	Profibus transceiver, 1 electrical and 2 optical ports, multimode - support HIPER-Ring, EEC (-20 to +60°C)	1
943 256-321	OZD Profi 12M G12-1300 EEC	Profibus transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring, EEC (-20 to +60°C)	1
943 757-321	OZD PROFI 12M G12 PCB-T1, LP BELACKT	Profibus transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring, Conformal coating	1
943 887-001	OZD Profi G12 ATEX 1,LP bestückt	Profibus transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring, ATEX approved	20
943 883-321	OZD Profi G12DE ATEX 1,Profibus LWL-Rep	Profibus transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring, ATEX approved	1
943 882-321	OZD Profi G12DK ATEX 1, Profibus LWL-Rep	Profibus transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring, ATEX approved	1
943 881-321	OZD Profi G12DU ATEX 1,Profibus LWL-Rep.	Profibus transceiver, 1 electrical and 2 optical ports, singlemode - support HIPER-Ring, ATEX approved	1
943 884-001	OZD SFK ATEX 1,Kunststoffdeckel m.Sichtf	0	1
039 629-001	OZD PROFI 12M Handbuch/manual	Profibus 12M transceiver technical manual	1
943 330-902	OZD PROFI Handbuch/manual	Profibus transceiver manual	1
943 924-221	OZD ProfiPlug P11,Fiber Opt.Profibus Rep	Plug-style Profibus plastic fiber-optic repeater, comes with terminator (ProfiPlug P11)	1
943 924-321	OZD ProfiPlug P21	Plug for OZD Profi P21 Module	1

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## GENERAL ACCESSORIES

943 751-001	ACA11 AutoConfiguration Adapter	Stores the configuration data of the connected managed RS2, MS2108, MS3124, MACH3000 switches (RJ12 Interface)	1
943 271-001	ACA21-USB, AutoConfiguration Adapter USB	Stores the configuration data of the connected managed RS20, RS30, RS40, MS20, MS30, Power MICE, MACH 1000 & 4000 (USB Interface)	1
943 913-001	ACA21-M12	Stores the configuration data of the connected managed OCTOPUS (M12)	1

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ORDER CODE	PART NUMBER	DESCRIPTION	PACK QTY
<b>IP67 M12 Ethernet Switch and Connector Accessories</b>			
943 892-001	OCTOPUS 5TX EEC	IP67 unmanaged switch with 5 4-pin M12-D 100BASETX Ports (for connectors see below)	1
943 931-001	OCTOPUS 8M	IP67 fully Managed switch with 8 4-pin M12-D 100BASETX Ports (for connectors see below)	
943 912-001	OCTOPUS 16M	IP67 fully Managed switch with 16 4-pin M12-D 100BASETX Ports (for connectors see below)	1
943 912-002	OCTOPUS 16M-2FX	IP67 fully Managed Switch with 14 4-pin M12-D 100BaseTX ports plus 2 ports 100BASE-FX (microFX)	1
943 923-001	OCTOPUS 24M	IP67 fully Managed Switch with 24 4-pin M12-D 100BaseTX ports and support IP67 protected auto-configuration adaptor	1
943 923-002	OCTOPUS 24M-2FX	IP67 fully Managed Switch with 22 4-pin M12-D 100BaseTX ports plus 2 ports 100BASE-FX (microFX)	1
943 944-001	OCTOPUS M12-MiniPower Adaptor	M12-MiniPower Adaptor for OCTOPUS	1
943 902-001	OCTOPUS, Terminalkabel	M12 V.24 serial interface terminal cable for the local connection of an external management station (VT100 terminal or PC with appropriate terminal emulation).	1
934 445-001	EM12S OCTOPUS	M12"D" 4-pin Ethernet field-attachable connector	10
934 450-021	EF12M OCTOPUS	Receptacle 4-pin M12"D" female with 80mm leads	25
934 451-021	EF12L OCTOPUS	Receptacle 4-pin M12"D" female for PCB mounting 180°	10
934 451-521	EF12LW OCTOPUS	Receptacle 4-pin M12"D" female for PCB mounting 90°	25
934 498-001	EF12RJ45 OCTOPUS	bulk head RJ45 - M12"D"	10
934 578-001	EM12S 001L0200 OCTOPUS	M12"D" - M12"D" patch cable shielded - 2m	10
934 578-002			
934 578-003	EM12S 001L1000 OCTOPUS	M12"D" - M12"D" patch cable shielded - 10m	10

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**UNMANAGED HUB & SWITCHES**

943 639-002	RH1-TP	4 ports 10BASE-T. All ports half-duplex.	1
943 658-002	RT2-TX/FX	Industrial Fast Ethernet transceiver with 1 port 100BASE-TX & 1 port 100BASE-FX multimode, SC socket	1
943 658-032	RT2-TX/FX-SM	Industrial Fast Ethernet transceiver with 1 port 100BASE-TX & 1 port 100BASE-FX, singlemode, SC socket	1
943 890-001	SPIDER 1TX/1FX	1 port 100BASE-TX & 1 port 100BASE-FX multimode, SC socket. No redundant power inputs, no fault relay	1
943 891-001	SPIDER 1TX/1FX-SM	1 port 100BASE-TX & 1 port 100BASE-FX singlemode, SC socket. No redundant power inputs, no fault relay	1
943 927-001	SPIDER 1TX/1FX EEC	1 ports 100BASE-TX & 1 port 100BASE-FX multimode, SC socket. EEC (-40 to +70°C). No redundant power inputs, no fault relay	1
943 928-001	SPIDER 1TX/1FX-SM EEC	1 ports 100BASE-TX & 1 port 100BASE-FX singlemode, SC socket. EEC (-40 to +70°C). No redundant power inputs, no fault relay	1
943 899-001	SPIDER 3TX-TAP	3 ports 100BASE-TX. No redundant power inputs, no fault relay	1
			200
			500
			1,000
943 221-001	SPIDER 4TX/1FX	4 ports 100BASE-TX & 1 port 100BASE-FX multimode, SC socket. No redundant power inputs, no fault relay	1
943 221-101	SPIDER 4TX/1FX EEC	4 ports 100BASE-TX & 1 port 100BASE-FX multimode, SC socket. EEC (-40 to +70°C). No redundant power inputs, no fault relay	1
943 880-001	SPIDER 4TX/1FX-SM EEC	4 ports 100BASE-TX & 1 port 100BASE-FX singlemode, SC socket. EEC (-40 to +70°C). No redundant power inputs, no fault relay	1
943 914-001	SPIDER 4TX/1FX-ST EEC	4 ports 100BASE-TX & 1 port 100BASE-FX multimode, ST socket. EEC (-40 to +70°C). No redundant power inputs, no fault relay	1
943 824-002	SPIDER 5TX	5 ports 100BASE-TX. No redundant power inputs, no fault relay	1
			100
			200
			500
			1,000
943 824-102	SPIDER 5TX EEC	5 ports 100BASE-TX. EEC (-40 to +70°C). No redundant power inputs, no fault relay	1
943 376-001	SPIDER 8TX	8 ports 100BASE-TX. No redundant power inputs, no fault relay	1
			200
			500
			1,000

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ORDER CODE	PART NUMBER	DESCRIPTION	PACK QTY
943 376-201	SPIDER 8TX EEC	8 ports 100BASE-TX. EEC (-40 to +70°C). No redundant power inputs, no fault relay	1
943 771-001	RS2-3TX/2FX EEC	3 ports 100BASE-TX & 2 ports 100BASE-FX multimode, SC socket. EEC (-40 to +70°C), w/ redundant power inputs & fault relay	1
943 772-001	RS2-3TX/2FX-SM EEC	3 ports 100BASE-TX & 2 ports 100BASE-FX singlemode, SC socket. EEC (-40 to +70°C), w/ redundant power inputs & fault relay	1
943 819-001	RS2-4TX EEC	4 ports 100BASE-TX, EEC (-40 to +70°C), w/ redundant power inputs & fault relay	1
943 773-001	RS2-4TX/1FX EEC	4 ports 100BASE-TX & 1 port 100BASE-FX multimode, SC socket. EEC (-40 to +70°C), w/ redundant power inputs & fault relay	1
943 774-001	RS2-4TX/1FX-SM EEC	4 ports 100BASE-TX & 1 port 100BASE-FX singlemode, SC socket. EEC (-40 to +70°C), w/ redundant power inputs & fault relay	1
943 119-002	RS2-4TX/1FX-ST EEC	4 ports 100BASE-TX & 1 port 100BASE-FX singlemode, ST socket. EEC (-40 to +70°C), w/ redundant power inputs & fault relay	1
943 732-002	RS2-5TX	5 ports 100BASE-TX, w/ redundant power inputs, no fault relay. Die-cast housing.	1
943 732-102	RS2-5TX/FX	4 ports 100BASE-TX & 1 port 100BASE-FX, multimode, MTRJ socket, w/ redundant power inputs, no fault relay. Die-cast housing.	1
943 686-003	RS2-TX	8 ports 100BASE-TX, w/ redundant power inputs & fault relay	1

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<b>NEW SPIDER II UNMANAGED SWITCHES</b>			
943 957-001	SPIDER II 8TX	8 ports 10/100BASE-TX	1
943 958-001	SPIDER II 8TX EEC	8 ports 10/100BASE-TX, Extended Operating Temperature Range	1
943 958-111	SPIDER II 8TX/1FX EEC	8 ports 10/100BASE-TX and 1 port 100BASE-FX SC, Extended Operating Temperature Range	1
943 958-121	SPIDER II 8TX/1F-ST EEC	8 ports 10/100BASE-TX and 1 port 100BASE-FX ST, Extended Operating Temperature Range	1
943 958-211	SPIDER II 8TX/2FX EEC	8 ports 10/100BASE-TX and 2 ports 100BASE-FX SC, Extended Operating Temperature Range	1
943 958-221	SPIDER II 8TX/2FX-ST EEC	8 ports 10/100BASE-TX and 2 ports 100BASE-FX ST, Extended Operating Temperature Range	1
943 958-131	SPIDER II 8TX/1FX-SM EEC	8 ports 10/100BASE-TX and 1port 100BASE-FX singlemode SC, Extended Operating Temperature Range	1
943 958-231	SPIDER II 8TX/2FX-SM EEC	8 ports 10/100BASE-TX and 2 ports 100BASE-FX singlemode SC, Extended Operating Temperature Range	1
943 962-001	SPIDER II Giga 5T	5 ports 10/100/1000BASE-T (RJ45)	1
943 963-001	SPIDER II Giga 4T/1C/1F EEC	4 ports 10/100/1000BASE-T, 1 combo port (RJ45 or SFP), 1 SFP port slot, Extended Operating Temperature Range	1
<b>OPEN RAIL UNMANAGED SWITCHES</b>			
943 434-999	RS20-0800T1T1SDAU	6 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-TX, unmanaged w/ redundant power inputs and fault relay	1
943 434-058	RS20-0900NNM4TDAU	6 ports 10/100BASE-T(X) & 3 ports 100BASE-FX ST multimode, unmanaged, Extended Temperature, w/ redundant power inputs & fault relay	1
943 434-059	RS20-0900MMM2TDAU	6 ports 10/100BASE-T(X) & 3 ports 100BASE-FX SC multimode, unmanaged, Extended Temperature, w/ redundant power inputs & fault relay	1
943 434-060	RS20-0900VVM2TDAU	6 ports 10/100BASE-T(X), 2 ports 100BASE-FX SC singlemode & 1 port 100BASE-FX SC multimode, unmanaged, Extended Temperature, w/ redundant power inputs & fault relay	1
943 434-047	RS20-1600T1T1SDAU	14 ports 10/100BASE-T(X) & 2 uplink ports 100BASE-TX, w/ redundant power inputs & fault relay	1
943 434-048	RS20-1600M2M2SDAU	14 ports 10/100BASE-T(X) & 2 uplink ports 100BASE-FX Multimode SC socket.. w/ redundant power inputs & fault relay	1
943 434-049	RS20-1600M2T1SDAU	14 ports 10/100BASE-T(X) & 1 uplink port 100BASE-TX, 1 uplink port 100BASE-FX multimode, SC socket.. w/ redundant power inputs & fault relay	1
943 434-051	RS20-1600S2T1SDAU	14 ports 10/100BASE-T(X) & 1 uplink port 100BASE-TX, 1 uplink port 100BASE-FX singlemode, SC socket.. w/ redundant power inputs & fault relay	1
943 434-052	RS20-1600S2M2SDAU	14 ports 10/100BASE-T(X) & 1 uplink port 100BASE-FX multimode, 1 uplink port 100BASE-FX singlemode, SC socket.. w/ redundant power inputs & fault relay	1
943 434-053	RS20-1600S2S2SDAU	14 ports 10/100BASE-T(X) & 2 uplink ports 100BASE-FX singlemode SC socket.. w/ redundant power inputs & fault relay	1
943 434-054	RS20-1600L2T1SDAU	14 ports 10/100BASE-T(X) & 1 uplink port 100BASE-TX, 1 uplink port 100BASE-FX longhaul singlemode, SC socket.. w/ redundant power inputs & fault relay	1
943 434-055	RS20-1600L2M2SDAU	14 ports 10/100BASE-T(X) & 1 uplink port 100BASE-FX multimode, 1 uplink port 100BASE-FX longhaul singlemode, SC socket.. w/ redundant power inputs & fault relay	1
943 434-056	RS20-1600L2S2SDAU	14 ports 10/100BASE-T(X) & 1 uplink port 100BASE-FX singlemode, 1 uplink port 100BASE-FX longhaul singlemode, SC socket.. w/ redundant power inputs & fault relay	1
943 434-057	RS20-1600L2L2SDAU	14 ports 10/100BASE-T(X) & 2 uplink ports 100BASE-FX longhaul singlemode SC socket.. w/ redundant power inputs & fault relay	1
943 434-999	RS20-2400T1T1SDAU	24 ports 10/100BASE-T(X) w/ redundant power inputs & fault relay	1

NOTE: Order Code is not unique to this part.

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## MANAGED SWITCHES - Support HIPER-Ring

943 434-001	RS20-0400M2M2SDAEHH02.0.	2 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Enhanced management.	1
943 434-002	RS20-0400M2M2SDAPHH02.0.	2 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Professional management.	1
943 434-007	RS20-0400T1T1SDAEHH02.0.	2 ports 10/100BASE-T(X) +, 2 uplink ports 100BASE-TX. Enhanced management.	1
943 434-008	RS20-0400T1T1SDAPHH02.0.	2 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-TX. Professional management.	1
943 434-009	RS20-0400M2T1SDAEHH02.0.	2 ports 10/100BASE-T(X) + 1 uplink port 100BASE-FX, multimode, SC socket & 1 uplink port 100BASE-TX. Enhanced mgmt.	1
943 434-010	RS20-0400M2T1SDAPHH02.0.	2 ports 10/100BASE-T(X) + 1 uplink port 100BASE-FX, multimode, SC socket & 1 uplink port 100BASE-TX. Professional mgmt.	1
943 434-011	RS20-0400S2T1SDAEHH02.0.	2 ports 10/100BASE-T(X) + 1 uplink port 100BASE-FX, singlemode, SC socket & 1 uplink port 100BASE-TX. Enhanced mgmt.	1
943 434-012	RS20-0400S2T1SDAPHH02.0.	2 ports 10/100BASE-T(X) + 1 uplink port 100BASE-FX, singlemode, SC socket & 1 uplink port 100BASE-TX. Professional mgmt.	1
943 434-013	RS20-0400S2S2SDAEHH02.0.	2 ports 10/100BASE-T(X) + 2 uplinks ports 100BASE-FX, singlemode, SC socket. Enhanced management.	1
943 434-014	RS20-0400S2S2SDAPHH02.0.	2 ports 10/100BASE-T(X) + 2 uplinks ports 100BASE-FX, singlemode, SC socket. Professional management.	1
943 434-003	RS20-0800M2M2SDAEHH02.0.	6 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Enhanced management.	1
943 434-004	RS20-0800M2M2SDAPHH02.0.	6 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Professional management.	1
943 434-015	RS20-0800M2M2SDHEHH02.0.	6 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Enhanced management & "B" approval.	1
943 434-016	RS20-0800M2M2SDHPHH02.0.	6 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Professional management & "B" approval.	1
943 434-017	RS20-0800M4M4SDAEHH02.0.	6 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, ST socket. Enhanced management.	1
943 434-018	RS20-0800M4M4SDAPHH02.0.	6 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, ST socket. Professional management.	1
943 434-019	RS20-0800S2S2SDAEHH02.0.	6 ports 10/100BASE-T(X) + 2 uplinks ports 100BASE-FX, singlemode, SC socket. Enhanced management.	1
943 434-020	RS20-0800S2S2SDAPHH02.0.	6 ports 10/100BASE-T(X) + 2 uplinks ports 100BASE-FX, singlemode, SC socket. Professional management.	1
943 434-021	RS20-0800T1T1SDAEHH02.0.	6 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-TX. Enhanced management.	1
943 434-022	RS20-0800T1T1SDAPHH02.0.	6 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-TX. Professional management.	1
943 434-999	RS20-0900MMM2SDAE	6 ports 10/100BASE-T(X) + 3 uplink ports 100BASE-FX, multimode, SC Socket, Enhanced Management	1
943 434-005	RS20-1600M2M2SDAEHH02.0.	14 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Enhanced management.	1
943 434-006	RS20-1600M2M2SDAPHH02.0.	14 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Professional management.	1
943 434-023	RS20-1600T1T1SDAEHH02.0.	14 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-TX. Enhanced management.	1
943 434-024	RS20-1600T1T1SDAPHH02.0.	14 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-TX. Professional management.	1
943 434-025	RS20-1600M2T1SDAEHH02.0.	14 ports 10/100BASE-T(X) + 1 uplink port 100BASE-FX, multimode, SC socket & 1 uplink port 100BASE-TX. Enhanced mgmt.	1
943 434-026	RS20-1600M2T1SDAPHH02.0.	14 ports 10/100BASE-T(X) + 1 uplink port 100BASE-FX, multimode, SC socket & 1 uplink port 100BASE-TX. Professional mgmt.	1
943 434-027	RS20-1600S2S2SDAEHH02.0.	14 ports 10/100BASE-T(X) + 2 uplinks ports 100BASE-FX, singlemode, SC socket. Enhanced management.	1
943 434-028	RS20-1600S2S2SDAPHH02.0.	14 ports 10/100BASE-T(X) + 2 uplinks ports 100BASE-FX, singlemode, SC socket. Professional management.	1
943 434-041	RS20-2400T1T1SDAEHH02.0.	22 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-TX. Enhanced management.	1
943 434-042	RS20-2400T1T1SDAPHH02.0.	22 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-TX. Professional management.	1

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943 434-043	RS20-2400M2M2SDAEHH02.0.	22 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Enhanced management.	1
943 434-044	RS20-2400M2M2SDAPHH02.0.	22 ports 10/100BASE-T(X) + 2 uplink ports 100BASE-FX, multimode, SC socket. Professional management.	1
943 434-045	RS20-2400S2S2SDAEHH02.0.	22 ports 10/100BASE-T(X) + 2 uplinks ports 100BASE-FX, singlemode, SC socket. Enhanced management.	1
943 434-046	RS20-2400S2S2SDAPHH02.0.	22 ports 10/100BASE-T(X) + 2 uplinks ports 100BASE-FX, singlemode, SC socket. Professional management.	1
943 434-029	RS30-0802T1T1SDAEHH02.0.	8 ports 10/100BASE-T(X) + 2 Gigabit uplinks 1000BASE-TX, RJ45 connections. Enhanced management.	1
943 434-030	RS30-0802T1T1SDAPHH02.0.	8 ports 10/100BASE-T(X) + 2 Gigabit uplinks 1000BASE-TX, RJ45 connections. Enhanced management.	1
943 434-031	RS30-0802O6O6SDAEHH02.0.	8 ports 10/100BASE-T(X) + 2 Gigabit uplinks with SFP slot integrated. Enhanced mgmt. *SFPs need to be purchased separately.	1
943 434-032	RS30-0802O6O6SDAPHH02.0.	8 ports 10/100BASE-T(X) + 2 Gigabit uplinks with SFP slot integrated. Professional mgmt. *SFPs need to be purchased sep.	1
943 434-999	RS30-0802OZZSDAE	10 ports in total, 2 Gigabit Ethernet Ports; 1. Uplink Port: 2 x Gigabit SFP-Slot; 2. Uplink Port: 2 x FE SFP-Slot, 8 standard 10/100 BASE TX, RJ45	1
943 434-033	RS30-1602T1T1SDAEHH02.0.	16 ports 10/100BASE-T(X) + 2 Gigabit uplinks 1000BASE-TX, RJ45 connections. Enhanced management.	1
943 434-034	RS30-1602T1T1SDAPHH02.0.	16 ports 10/100BASE-T(X) + 2 Gigabit uplinks 1000BASE-TX, RJ45 connections. Enhanced management.	1
943 434-999	RS30-1602O6T1SDAE	18 ports in total, 2 Gigabit Ethernet Ports; 1. Uplink Port: Gigabit SFP-Slot; 2. Uplink Port: 10/100BASE-TX, RJ45, 16 standard 10/100 BASE TX, RJ45	1
943 434-035	RS30-1602O6O6SDAEHH02.0.	16 ports 10/100BASE-T(X) + 2 Gigabit uplinks with SFP slot integrated. Enhanced mgmt. *SFPs need to be purchased separately.	1

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943 434-036	RS30-1602O6O6SDAPHH02.0.	16 ports 10/100BASE-T(X) + 2 Gigabit uplinks with SFP slot integrated. Professional mgmt. *SFPs need to be purchased sep..	1
943 434-999	RS30-1602OOZZSDAE	18 ports in total, 2 Gigabit Ethernet Ports; 1. Uplink Port: 2 x Gigabit SFP-Slot; 2. Uplink Port: 2 x FE SFP-Slot, 16 standard 10/100 BASE TX, RJ45	1
943 434-037	RS30-2402T1T1SDAEHH02.0.	24 ports 10/100BASE-T(X) + 2 Gigabit uplinks 1000BASE-TX, RJ45 connections. Enhanced management.	1
943 434-038	RS30-2402T1T1SDAPHH02.0.	24 ports 10/100BASE-T(X) + 2 Gigabit uplinks 1000BASE-TX, RJ45 connections. Enhanced management.	1
943 434-039	RS30-2402O6O6SDAEHH02.0.	24 ports 10/100BASE-T(X) + 2 Gigabit uplinks with SFP slot integrated. Enhanced mgmt. *SFPs need to be purchased separately.	1
943 434-040	RS30-2402O6O6SDAPHH02.0.	24 ports 10/100BASE-T(X) + 2 Gigabit uplinks with SFP slot integrated. Professional mgmt. *SFPs need to be purchased sep.	1
<b>943 935-001</b>	RS40-0009CCCCSDAE	Full Gigabit Rail switch with 9 ports 10/100/1000BASE-T(X): 4 Combo ports plus 5 TX ports, Enhanced Software enhanced, Standard temperature range. *SFPs need to be purchased sep.	1
<b>943 935-999</b>	RS40-0009CCCCSDAP	Full Gigabit Rail switch with 9 ports 10/100/1000BASE-T(X): 4 Combo ports plus 5 TX ports, Professional Software, Standard temperature range. *SFPs need to be purchased sep.	1

# INDUSTRIAL NETWORKING



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## MICE - MODULAR SWITCHES

### Backplanes for MICE & Power MICE

943 435-001	MS20-0800SAAE	Backplane w/ 2 Media Module slots (8 ports max), Enhanced mgmt., requires Media Modules	1
943 435-002	MS20-0800SAAP	Backplane w/ 2 Media Module slots (8 ports max), Professional mgmt., requires Media Modules	1
943 435-003	MS20-1600SAAE	Backplane w/ 4 Media Module slots (16 ports, 24 max w/ *MB-2T), Enhanced mgmt., requires Media Modules. *MB-2T needs to be purchased separately.	1
943 435-004	MS20-1600SAAP	Backplane w/ 4 Media Module slots (16 ports, 24 max w/ *MB-2T), Professional mgmt., requires Media Modules. *MB-2T needs to be purchased separately.	1
943 435-005	MS30-0802SAAE	Backplane w/ 3 Media Module slots (8 ports max + 2 Gigabit uplinks), Enhanced management, requires Media Modules	1
943 435-006	MS30-0802SAAP	Backplane w/ 3 Media Module slots (8 ports max + 2 Gigabit uplinks), Professional management, requires Media Modules.	1
943 435-999	MS30-0802SCAE	Backplane w/ 3 Media Module slots (8 ports max + 2 Gigabit uplinks), Enhanced management, requires Media Modules	1
943 435-007	MS30-1602SAAE	Backplane w/ 5 Media Module slots (16 ports, 24 max w/ *MB-2T + 2 Gigabit uplinks), Enhanced mgmt., requires Media Modules. *MB-2T needs to be purchased separately.	1
943 435-008	MS30-1602SAAP	Backplane w/ 5 Media Module slots (16 ports, 24 max w/ *MB-2T + 2 Gigabit uplinks), Professional mgmt., requires Media Modules. *MB-2T needs to be purchased separately.	1
943 009-101	MS4128-L2P	Power MICE Backplane w/ 5 Media Module slots (16 ports, 24 max w/ *MB-2T + 4 Gigabit uplinks), Layer 2, Professional mgmt., requires Media Modules. *MB-2T needs to be purchased separately.	1
943 009-201	MS4128-L3E	Power MICE Backplane w/ 5 Media Module slots (16 ports, 24 max w/ *MB-2T + 4 Gigabit uplinks), Layer 3, Enhanced mgmt., requires Media Modules. *MB-2T needs to be purchased separately.	1
943 009-301	MS4128-L3P	Power MICE Backplane w/ 5 Media Module slots (16 ports, 24 max w/ *MB-2T + 4 Gigabit uplinks), Layer 3, Professional mgmt., requires Media Modules. *MB-2T needs to be purchased separately.	1

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## MICE - MEDIA MODULES

943 733-102	MB-2T	2-slot (8 ports) backplane extension for all 4+ slot backplanes (only one MB-2T per backplane)	1
943 842-101	MM2-2FXP4	2 ports 100BASE-FX, plastic fiber (POF), SC socket	1
943 718-101	MM2-2FXM2	2 ports 100BASE-FX, multimode, SC socket	1
943 719-101	MM2-2FXS2	2 ports 100 BASE-FX, singlemode, SC socket	1
943 720-101	MM2-2FXM3/2TX1	2 ports 10/100BASE-T(X) & 2 ports 100BASE-FX, multimode, MTRJ socket	1
943 721-101	MM2-4FXM3	4 ports 100BASE-FX, multimode, MTRJ socket	1
943 722-101	MM2-4TX1	4 ports 10/100BASE-T(X), RJ45 connections	1
943 722-151	MM2-4TX1-EEC	4 ports 10/100BASE-T(X), RJ45 connections, EEC (-25 to +55°C)	1
943 117-001	MM3-4TX1-RT	4 ports 10/100BASE-T(X), RJ45 connections, support Realtime Ethernet PTP (IEEE 1588)	1
943 117-002	MM3-2FXM2/2TX1-RT	2 ports 10/100BASE-T(X) & 2 ports 100BASE-FX, multimode, SC socket, support Realtime Ethernet PTP (IEEE 1588)	1
943 117-003	MM3-2FXS2/2TX1-RT	2 ports 10/100BASE-T(X) & 2 port 100BASE-FX, singlemode, SC socket, support Realtime Ethernet PTP (IEEE 1588)	1
943 117-004	MM3-2FLM4/2TX1-RT	2 ports 10BASE-FL, multimode, ST socket & 2 ports 10/100BASE-T(X), support Realtime Ethernet PTP (IEEE 1588)	1
943 760-101	MM3-4FLM4	4 ports 10BASE-FL, multimode, ST socket	1
943 761-101	MM3-2FXM2/2TX1	2 ports 10/100BASE-T(X) & 2 ports 100BASE-FX, multimode, SC socket	1
943 761-151	MM3-2FXM2/2TX1-EEC	2 ports 10/100BASE-T(X) & 2 ports 100BASE-FX, multimode, SC socket, EEC (-25 to +55°C)	1
943 762-101	MM3-2FXS2/2TX1	2 ports 10/100BASE-T(X) & 2 port 100BASE-FX, singlemode, SC socket	1
943 762-151	MM3-2FXS2/2TX1-EEC	2 ports 10/100BASE-T(X) & 2 port 100BASE-FX, singlemode, SC socket	1
943 763-101	MM3-1FXL2/3TX1	3 ports 10/100BASE-T(X) & 1 port 100BASE-FX, long haul singlemode,	1
943 764-101	MM3-4FXM2	4 ports 100BASE-FX, multimode, SC socket	1
943 835-101	MM3-4FXM4	4 ports 100BASE-FX, multimode, ST socket	1
943 836-101	MM3-4FXS2	4 ports 100 BASE-FX, singlemode, SC socket	1
943 837-101	MM3-2FXM4/2TX1	2 ports 10/100BASE-T(X) & 2 ports 100BASE-FX, multimode, ST socket	1
943 838-101	MM3-1FXS2/3TX1	3 ports 10/100BASE-T(X) & 1 port 100BASE-FX, singlemode, SC socket	1
943 838-151	MM3-1FXS2/3TX1-EEC	3 ports 10/100BASE-T(X) & 1 port 100BASE-FX, singlemode, SC socket, EEC (-25 to +55°C)	1
943 839-101	MM3-1FXM2/3TX1	3 ports 10/100BASE-T(X) & 1 port 100BASE-FX, multimodeimode, SC socket	1
943 840-101	MM3-2AUI	2 ports 10BASE-AUI Half-duplex, SUB-D 15pins male	1
943 841-101	MM3-4TX5	4 ports 10/100BASE-T(X) with M12 D-Coding	1
943 843-101	MM3-4FXP4	4 ports 100BASE-FX, plastic fiber (POF), SC socket	1
943 929-101	MM3-1FXS2/1FXM2/2TX1	2 ports 10/100BASE-T(X), 1 port 100BASE-FX multimodeimode, 1 port 100BASE-FX singlemode, SC socket	1
943 930-101	MM3-1FXLH+/3TX1	3 ports 10/100BASE-T(X) & 1 port 100BASE-FX Long haul+ SC socket	1
943 010-001	MM4-4TX/SFP	4 ports 10/100/1000 BASE-T(X) with 4 SFP-slots integrated.& 1 SFP deactivates 1 RJ45 TX port. For use with MS30-16 and MS4128 only!	1
943 622-001	MM4-2TX/SFP	2 ports 10/100/1000 BASE-T(X) with 2 SFP-slots integrated.& 1 SFP deactivates 1 RJ45 TX port. For use with MS30-16 and MS4128 only!	1
943 938-002	MM22-T1T1T1T1SA	Media module for MICE Switches, 10BASE-T and 100BASE-TX, PoE, Power Sourcing Equipment	1

# INDUSTRIAL NETWORKING



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ORDER CODE	PART NUMBER	DESCRIPTION	PACK QTY
<b>EAGLE - FIREWALL/BASIC ROUTER</b>			
<b>Eagle with Firewall</b>			
943 011-301	EAGLE mGuard VPN TX/TX	Security Port: Twisted Pair, RJ45 - Open Port: Twisted Pair, RJ45	1
943 011-302	EAGLE mGuard VPN TX/MM SC	Security Port: Twisted Pair, RJ45 - Open Port: FX Multimode, SC	1
943 011-303	EAGLE mGuard VPN TX/SM SC	Security Port: Twisted Pair, RJ45 - Open Port: FX Singlemode, SC	1
943 011-304	EAGLE mGuard VPN TX/LH SC	Security Port: Twisted Pair, RJ45 - Open Port: FX Long Haul, SC	1
943 011-305	EAGLE mGuard VPN MM SC/TX	Security Port: FX Multimode, SC - Open Port: Twisted Pair, RJ45	1
943 011-306	EAGLE mGuard VPN MM	Security Port: FX Multimode, SC - Open Port: FX Multimode, SC	1
943 011-307	EAGLE mGuard VPN MM	Security Port: FX Multimode, SC - Open Port: FX Singlemode, SC	1
943 011-308	EAGLE mGuard VPN MM	Security Port: FX Multimode, SC - Open Port: FX Long Haul, SC	1
<b>Eagle with Firewall (without VPN)</b>			
943 011-311	EAGLE mGuard TX/TX	Security Port: Twisted Pair, RJ45 - Open Port: Twisted Pair, RJ45	1
943 011-312	EAGLE mGuard TX/MM SC	Security Port: Twisted Pair, RJ45 - Open Port: FX Multimode, SC	1
943 011-313	EAGLE mGuard TX/SM SC	Security Port: Twisted Pair, RJ45 - Open Port: FX Singlemode, SC	1
943 011-314	EAGLE mGuard TX/LH SC	Security Port: Twisted Pair, RJ45 - Open Port: FX Long Haul, SC	1
943 011-315	EAGLE mGuard MM SC/TX	Security Port: FX Multimode, SC - Open Port: Twisted Pair, RJ45	1
943 011-316	EAGLE mGuard MM SC/MM	Security Port: FX Multimode, SC - Open Port: FX Multimode, SC	1
943 011-317	EAGLE mGuard MM SC/SM	Security Port: FX Multimode, SC - Open Port: FX Singlemode, SC	1
943 011-318	EAGLE mGuard MM SC/LH SC	Security Port: FX Multimode, SC - Open Port: FX Long Haul, SC	1
<b>WIRELESS ETHERNET</b>			
943 926-001	BAT54-Rail	Industrial WLAN AP/AC qith two built-in wireless-LAN modules, which can be set to 2.4 GHz/ 802.11b/g or 5GHz/ 802.11a/h	1
943 959-111	BAT54-F	Ruggedized Industrial WLAN AP/AC qith two built-in wireless-LAN modules, which can be set to 2.4 GHz/ 802.11b/g or 5GHz/ 802.11a/h Field Mountable. For installation in harsh environments.	1
943 903-301	BAT-ANT-8A, 5GHz Omni-Directional Antenna	5GHz Omni-Directional Antenna for 802.11a, w/ 1 meter cable	1
943 903-310	BAT-ANT-TNC-8b/g DS	2,4GHz Polarisation-Diversity-Antenna	1
943 903-421	BAT-ANT-N-6ABG	Omni Directional Antenna 2.4GHz and 5GHz	1
943 903-320	BAT-ANT-N-12 A	5GHz Directional Antenna	1
943 903-330	BAT-ANT-TNC-10 A DS	5GHz Polarisation-Diversity-Antenna	1
943 903-340	BAT-ANT-N-23/9 A	5GHz Directional Antenna	1
943 903-350	BAT-CLB-7-N	"Low signal loss" N to N cable - 7 meters	1
943 903-360	BAT-Pigtail	Adaptor N-RPSMA	1
943 903-370	BAT Surge Arrestor	Surge Arrestor	1
943 903-380	BAT-ANTN-14G	2.4 GHz Directional Antenna w/ pigtail RP-SMA to N, sealing tape & 1m cable	1
943 903-401	BAT-ANT-8G, 2.4 GHz Omni-	2.4 GHz Omni-Directional Antenna for 802.11g, w/ 1 meter cable	1
943 903-411	BAT-TNC-B-D-085-02	Directional antenna w/out cable - needs BAT-CLB -7 below	1
943 903-501	BAT-CLB-7	"Low signal loss" N to TNC cable - 7 meters	1
943 056-111	BAT-TNC-B-D-085-01	Directional antenna w/out cable - needs BAT-CLB -7 below	1

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ORDER CODE	PART NUMBER	DESCRIPTION	PACK QTY
<b>MACH100 CONTROL ROOM SWITCHES</b>			
943 369-001	MACH102-8TP	26 port Fast Ethernet/Gigabit Ethernet Industrial Workgroup Switch (fix installed: 2 x GE, 8 x FE; via Media Modules 16 x FE), managed, Software Layer 2 Professional, Store-and-Forward-Switching, fanless Design	1
943 969-101	MACH102-8TP-R	26 port Fast Ethernet/Gigabit Ethernet Industrial Workgroup Switch (fix installed: 2 x GE, 8 x FE; via Media Modules 16 x FE), managed, Software Layer 2 Professional, Store-and-Forward-Switching, fanless Design, redundant power supply	1
943 969-201	MACH102-8TP-F	10 port Fast Ethernet/Gigabit Ethernet Industrial Workgroup Switch (2 x GE, 8 x FE), managed, Software Layer 2 Professional, Store-and-Forward-Switching, fanless Design	1
943 969-301	MACH102-8TP-FR	10 port Fast Ethernet/Gigabit Ethernet Industrial Workgroup Switch (2 x GE, 8 x FE), managed, Software Layer 2 Professional, Store-and-Forward-Switching, fanless Design, redundant power supply	1
943 969-401	MACH102-24TP-F	26 port Fast Ethernet/Gigabit Ethernet Industrial Workgroup Switch (2 x GE, 24 x FE), managed, Software Layer 2 Professional, Store-and-Forward-Switching, fanless Design	1
943 969-501	MACH102-24TP-FR	26 port Fast Ethernet/Gigabit Ethernet Industrial Workgroup Switch (2 x GE, 24 x FE), managed, Software Layer 2 Professional, Store-and-Forward-Switching, fanless Design, redundant power supply	1
943 970-001	M1-8TP-RJ45	8 ports 10/100BASE-TX, RJ-45 connectors, media module	1
943 970-101	M1-8MM-SC	8 ports 100BASE-FX multimode, SC connectors, media module	1
943 970-201	M1-8SM-SC	8 ports 100BASE-FX singlemode, SC connectors, media module	1
943 970-301	M1-8SFP	8 SFP Slots, media module	1

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## MACH4000 BACKBONE SWITCHES

### MACH 4000 Chassis

943 859-101	MACH4002-48+4G-L2P	Layer 2, Professional mgmt chassis w/ 4 slots for M4-Fast Ethernet media modules. Fixed installed 4 Gigabit Combo ports (TP/SFP slots) and 16x10/100BASE-T(X) ports & Fan module included. Media modules, SPF and power supply need to be purchased separatel	1
943 859-201	MACH4002-48+4G-L3E	Layer 3, Enhanced mgmt chassis w/ 4 slots for M4-Fast Ethernet media modules. Fixed installed 4 Gigabit Combo ports (TP/SFP slots) and 16x10/100BASE-T(X) ports & Fan module included. Media modules, SPF and power supply need to be purchased separately.	1
943 859-301	MACH4002-48+4G-L3P	Layer 3, Professional mgmt chassis w/ 4 slots for M4-Fast Ethernet media modules. Fixed installed 4 Gigabit Combo ports (TP/SFP slots) and 16x10/100BASE-T(X) ports & Fan module included. Media modules, SPF and power supply need to be purchased separatel	1
943 916-101	MACH4002-24G-L2P	Layer 2, Professional mgmt chassis w/ 2 slots for M4-media modules. Fixed installed 8Gigabit-ETHERNET combo ports SFP (100/1000Mbit/s) or TP (10/100/1000Mbit/s) & Fan module included. Media modules, SPF and power supply need to be purchased separately.	1
943 916-201	MACH4002-24G-L3E	Layer 3, Enhanced mgmt chassis w/ 2 slots for M4-media modules. Fixed installed 8Gigabit-ETHERNET combo ports SFP (100/1000Mbit/s) or TP (10/100/1000Mbit/s) & Fan module included. Media modules, SPF and power supply need to be purchased separately.	1
943 916-301	MACH4002-24G-L3P	Layer 3, Professional mgmt chassis w/ 2 slots for M4-media modules. Fixed installed 8Gigabit-ETHERNET combo ports SFP (100/1000Mbit/s) or TP (10/100/1000Mbit/s) & Fan module included. Media modules, SPF and power supply need to be purchased separately.	1
943 911-101	MACH4002-48G-L2P	Layer 2, Professional mgmt chassis w/ 4 slots for M4-media modules. Fixed installed 16 Gigabit-ETHERNET ports TP (10/100/1000Mbit/s) and 8Gigabit as combo SFP (100/1000Mbit/s) ports or TP (10/100/1000Mbit/s) ports & Fan module included. Media modules,	1
943 911-201	MACH4002-48G-L3E	Layer 3, Enhanced mgmt chassis w/ 4 slots for M4-media modules. Fixed installed 16 Gigabit-ETHERNET ports TP (10/100/1000Mbit/s) and 8Gigabit as combo SFP (100/1000Mbit/s) ports or TP (10/100/1000Mbit/s) ports & Fan module included. Media modules, SPF	1
943 911-301	MACH4002-48G-L3P	Layer 3, Professional mgmt chassis w/ 4 slots for M4-media modules. Fixed installed 16 Gigabit-ETHERNET ports TP (10/100/1000Mbit/s) and 8Gigabit as combo SFP (100/1000Mbit/s) ports or TP (10/100/1000Mbit/s) ports & Fan module included. Media modules,	1
943 915-101	MACH4002-24G+3X-L2P	Layer 2, Professional mgmt chassis w/ 2 slots for M4-media modules. Fixed installed 3 x10Gigabit XFP sockets and 8 Gigabit TP (10/100/1000Mbit/s) & Fan module included. Media modules, SPF and power supply need to be purchased separately.	1
943 915-201	MACH4002-24G+3X-L3E	Layer 3, Enhanced mgmt chassis w/ 2 slots for M4-media modules. Fixed installed 3 x10Gigabit XFP sockets and 8 Gigabit TP (10/100/1000Mbit/s) & Fan module included. Media modules, SPF and power supply need to be purchased separately.	1
943 915-301	MACH4002-24G+3X-L3P	Layer 3, Professional mgmt chassis w/ 2 slots for M4-media modules. Fixed installed 3 x10Gigabit XFP sockets and 8 Gigabit TP (10/100/1000Mbit/s) & Fan module included. Media modules, SPF and power supply need to be purchased separately.	1
943 878-101	MACH4002-48G+3X-L2P	Layer 2, Professional mgmt chassis w/ 4 slots for M4-media modules. Fixed installed 3 x10Gigabit XFP sockets and 16 Gigabit TP (10/100/1000Mbit/s) & Fan module included. Media modules, SPF and power supply need to be purchased separately.	1
943 878-201	MACH4002-48G+3X-L3E	Layer 3, Enhance mgmt chassis w/ 4 slots for M4-media modules. Fixed installed 3 x10Gigabit XFP sockets and 16 Gigabit TP (10/100/1000Mbit/s) & Fan module included. Media modules, SPF and power supply need to be purchased separately.	1

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ORDER CODE	PART NUMBER	DESCRIPTION	PACK QTY
943 878-301	MACH4002-48G+3X-L3P	Layer 3, Professional mgmt chassis w/ 4 slots for M4-media modules. Fixed installed 3 x10Gigabit XFP sockets and 16 Gigabit TP (10/100/1000Mbit/s) & Fan module included. Media modules, SFP and power supply need to be purchased separately.	1
<b>MACH 4000 Media Modules</b>			
943 863-001	M4-8TP-RJ45	8 ports 10/100/1000BASE-TX, RJ-45 connectors Media module for MACH 4000 (1000 MBit/s not with MACH 4002-48+4G)	1
943 864-001	M4-FAST 8-SFP	8 x 100BASE-X SFP socket media module for MACH 4000. *SFPs need to be purchased separately (see below)	1
943 873-001	M4-FAST 8TP-RJ45-PoE	8 x 10/100BASE-TX with power supply for terminals for IEEE802.3af (PoE), max. 100W per MACH 4002 (PoE via data lines) Media module for MACH 4000.	1
943 879-001	M4-GIGA 8-SFP	8 x 1000BASE-X with SFP sockets (not with MACH 4002-48+4G) Media module for MACH 4000. *SFPs need to be purchased separately (see below)	1
<b>MACH 4000 Power Supply &amp; Fan</b>			
943 869-001	M4-AIR	Fan module (included with chassis), has 4 redundant fans w/ fault LED indication	1
943 875-001	M4-P-AC/DC 300W	24V DC power module for use with external M4-POWER module.	1
943 876-001	M4-P-24VDC 300W	48V DC power module for use with external M4-POWER module.	1
943 877-001	M4-P-48VDC 300W	110 - 240V AC power module for use with external M4-POWER module.	1
943 874-001	M4-Power	Rack-mounted external power chassis. Requires at least one M4-P power module (more for redundant power), max 3 power modules	1
943 870-001	M4-S-AC/DC 300W	24V DC internal power module (does not offer power redundancy)	1
943 871-001	M4-S-24VDC 300W	48V DC internal power module (does not offer power redundancy)	1
943 872-001	M4-S-48VDC 300W	110 - 240V AC internal power module (does not offer power redundancy)	1
943 922-001	M4-POWERCABLE	0	1

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## MACH1000 SWITCHES

Please call us regarding these switches, or view the Hirschmann website

## SFPs (FIBER TRANSCEIVERS FOR FAST ETHERNET)

943 940-999/2	M-FAST SFP-MM/LC	SFP multimode Transceiver, ~ 5km (4km) with G50/125µm-fiber (G62,5/125µm-fiber), LC socket	1
943 940-999/3	M-FAST SFP-SM/LC	SFP singlemode Transceiver, ~ 25km with 9u singlemode fiber, LC socket	1
943 940-999/4	M-FAST SFP-SM+/LC	SFP singlemode+ Transceiver, ~ 65km with 9u singlemode fiber, LC socket	1
944 940-999/4	M-FAST SFP-LH/LC	SFP singlemode longhaul+ Transceiver, ~ 100km with 9u singlemode fiber, LC socket	1

## SFPs (FIBER TRANSCEIVERS FOR GIGABIT)

943 014-001	M-SFP-SX/LC, SFP Transceiver SX	M-SFP-SX/LC, SFP Transceiver SX	1
943 015-001	M-SFP-LX/LC, SFP Transceiver LX	M-SFP-LX/LC, SFP Transceiver LX	1
943 042-001	M-SFP-LH/LC, SFP Transceiver LH	M-SFP-LH/LC, SFP Transceiver LH	1
943 049-001	M-SFP-LH+/LC, SFP Transceiver LH+	M-SFP-LH+/LC, SFP Transceiver LH+	1
943 897-001	M-SFP-LX/LC EEC, SFPT	M-SFP-LX/LC EEC, SFPT Transceiver LX	1

## SFPs (FIBER TRANSCEIVERS FOR 10 GIGABIT)

943 917-001	M-XFP-SR/LC	M-XFP-SR/LC	1
943 919-001	M-XFP-LR/LC	M-XFP-LR/LC	1
943 920-001	M-XFP-ER/LC	M-XFP-ER/LC	1
943 921-001	M-XFP-ZR/LC	M-XFP-ZR/LC	1

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ORDER CODE	PART NUMBER	DESCRIPTION	PACK QTY
<b>NETWORK MANAGEMENT SOFTWARE</b>			
943 055-001	HiOPC CD-ROM + Manual	HiOPC CD-ROM + Manual	1
943 156-025	Ind.HiVision-Operator Ed., 25 Nodes	Ind.HiVision-Operator Ed., 25 Nodes	1
943 156-050	Ind.HiVision-Operator Ed., 50 Nodes	Ind.HiVision-Operator Ed., 50 Nodes	1
943 156-100	Ind.HiVision-Operator Ed., 100 Nodes	Ind.HiVision-Operator Ed., 100 Nodes	1
943 156-250	Ind.HiVision-Operator Ed., 250 Nodes	Ind.HiVision-Operator Ed., 250 Nodes	1
943 156-500	Ind.HiVision-Operator Ed., 500 Nodes	Ind.HiVision-Operator Ed., 500 Nodes	1
943 160-025	Upgrade-Ind.HiVision- OperatorEd.-25Nodes	Upgrade-Ind.HiVision-OperatorEd.-25Nodes	1
943 160-050	Upgrade-Ind.HiVision- OperatorEd.-50Nodes	Upgrade-Ind.HiVision-OperatorEd.-50Nodes	1
943 160-100	Upgrade-Ind.HiVision-	Upgrade-Ind.HiVision-OperatorEd.-100Node	1
943 160-250	Upgrade-Ind.HiVision-	Upgrade-Ind.HiVision-OperatorEd.-250Nodes	1
943 160-500	Upgrade-Ind.HiVision-	Upgrade-Ind.HiVision-OperatorEd.-500Node	1
943 471-300	HiVision PC Based	HiVision PC Based Enterprise	1
943 471-305	HiVision PC Based Enterprise-Update	HiVision PC Based Enterprise-Update	1
943 471-350	HiVision PC Based Industrial Line	HiVision PC Based Industrial Line	1
943 471-355	HiVision PC Based Industrial Line-Update	HiVision PC Based Industrial Line-Update	1
943 471-400	HiVision HPUX Enterprise	HiVision HPUX Enterprise	1
943 471-405	HiVision HPUX Enterprise- Update	HiVision HPUX Enterprise-Update	1
943 471-450	HiVision HPUX Industrial Line	HiVision HPUX Industrial Line	1
943 471-455	HiVision HPUX Industrial Line-Update	HiVision HPUX Industrial Line-Update	1
943 775-105	HiOPC Basic Licence	HiOPC Basic Licence	1
943 775-305	HiOPC Expert Lizenz	HiOPC Expert Lizenz	1
<b>GENERAL ACCESSORIES - Rail Power Supply</b>			
943 662-003	RPS 30, Rail Power Supply	RPS 30, Rail Power Supply	1
943 662-080	RPS 80 EEC	RPS 80 EEC	1
943 662-120	RPS 120 EEC	RPS 120 EEC	1

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ORDER CODE	PART NUMBER	DESCRIPTION	PACK QTY
<b>GENERAL ACCESSORIES - Miscellaneous</b>			
943 845-001	Terminal block 5pin + interlock (50pcs)	Terminal block 5pin + interlock (50pcs)	1
943 845-002	Terminal block 6pin + interlock (50pcs)	Terminal block 6pin + interlock (50pcs)	1
943 845-003	Terminal block 5pin green (50pcs)	Terminal block 5pin green (50pcs)	1
943 845-004	Terminal block 4pin black (50pcs)	Terminal block 4pin black (50pcs)	1
943 845-005	Terminal block 3pin (50 pcs)	Terminal block 3pin (50 pcs)	1
943 845-006	Terminal block 6pin (50St.), RS20/RS30	Terminal block 6pin (50St.), RS20/RS30	1
943 845-007	Terminal block 4pin (50St.), MS20/MS30	Terminal block 4pin (50St.), MS20/MS30	1
943 011-021	RR-EPL TX/TX	RR-EPL TX/TX	1
943 011-022	RR-EPL TX/MM SC	RR-EPL TX/MM SC	1
943 270-002	Mini-UTDE-RJ45	Mini-UTDE-RJ45	1
943 303-022	Mini-OTDE-BFOC	Mini-OTDE-BFOC	1
943 222-001	Modem Cable, Shrouded	Modem Cable, Shrouded	1
943 301-001	Terminal Cable	Terminal Cable	1
943 426-001	Wall Mounting Device for Mini Transceivers	Wall Mounting Device for Mini Transceivers	1
943 766-002	19" DIN Rail Adapter	19" DIN Rail Adapter	1
943 767-001	ML-MS2/MM, ETIKETTEN FÜR MS2... +MM	ML-MS2/MM, ETIKETTEN FÜR MS2... +MM	1
943 768-001	ML-MS3, ETIKETTEN FÜR MS3...	ML-MS3, ETIKETTEN FÜR MS3...	1
943 936-001	RJ45 Dust-Cover (50 pcs.)	RJ45 Dust-Cover (50 pcs.)	1
943 942-001	SFP Dust-Cover (25 pcs.)	SFP Dust-Cover (25 pcs.)	1
039 624-001	Manual CD-ROM German & English	Manual CD-ROM German & English	1
280 720-834	Manual Basics Industrial Line Ethernet	Manual Basics Industrial Line Ethernet	1