

Marktübersicht: Industrietaugliche Switches

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Hersteller	Produktname	Switch-Typ			Ports				Management					Unterstützte							
		Layer 2	Layer 3	sonstiger	Anzahl der RJ-Ports	Anzahl der Glasfaser-Ports	Unterstützte Steckverbindertypen	Max. Datenrate bei Kupfer in MBit/s	Max. Datenrate bei Glasfaser in MBit/s	Managed Switch	Web	Telnet	Windows	SNMP	sonstige Schnittstelle	10Base-T	100Base-TX	100Base-FX	1000Base-T	1000Base-SX	10GBase-T
Advantech	EKI-2528	●			8		RJ45	100							●	●					
	EKI-3725		●		5		RJ45	1.000							●	●					
	EKI-7758F	●			4	4	RJ45, SFP	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
	Eswgp506-2SFP-T	●			4	2	RJ45, LC	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
Alcatel-Lucent Enterprise	Omniswitch 6855-14(D)	●	●		12	2	RJ45, SFP, ind. SFP	1.000	1.000	●	●	●		●	●	●	●	●	●	●	●
	Omniswitch 6855-24(D/DL)	●	●		24	4	RJ45, SFP, ind. SFP	1.000	1.000	●	●	●		●	●	●	●	●	●	●	●
	Omniswitch 6855-P14	●	●		12	2	RJ45, SFP, ind. SFP	1.000	1.000	●	●	●		●	●	●	●	●	●	●	●
	Omniswitch 6855-U10(D)	●	●		2	8	RJ45, SFP, ind. SFP	1.000	1.000	●	●	●		●	●	●	●	●	●	●	●
	Omniswitch 6855-U24X(D/DL)	●	●		2	24	RJ45, SFP, ind. SFP, SFP+, ind. SFP+	1.000	10.000	●	●	●		●	●	●	●	●	●	●	●
Allied Telesis	AT-IE200-6FP	●			4	2	RJ45, SFP	100		●	●	●		●	●	●	●	●	●	●	
	AT-IE200-6FT	●			4	2	SFP	100	1.000	●	●			●	●	●	●	●	●	●	
	AT-IE200-6GP-80	●			4	2	RJ45, SFP	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
	AT-IE200-6GT-80	●			4	2	RJ45, SFP	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
Black Box	Indry II L	●			10	4	RJ45, LC	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
	Indry II S	●			4	1	RJ45, SFP	1.000	1.000						●	●	●	●	●	●	
	LE2700AE	●			8 - 24	4 - 24	RJ45, SFP, ST	1.000	10.000	●	●	●		●	●	●	●	●	●	●	●
	LEH1104A-2GSFP	●			4	2	RJ45, SFP	100	1.000	●	●	●		●	●	●	●	●	●	●	
CTC Union	GSW-3208M2	●			10					●	●	●		●	●	●	●	●	●	●	
	GSW-3208MP	●			10					●	●	●		●	●	●	●	●	●	●	
	GSW-3216MP	●			18					●	●	●		●	●	●	●	●	●	●	
	GSW-3420FM-AC	●			24					●	●	●		●	●	●	●	●	●	●	
	GSW-3420FM-AD	●			24					●	●	●		●	●	●	●	●	●	●	
	GSW-3424M1	●			4					●	●	●		●	●	●	●	●	●	●	
	ICS-G24S2X-AA	●			26					●	●	●		●	●	●	●	●	●	●	
	ICS-G24S2X-AD	●			26					●	●	●		●	●	●	●	●	●	●	
	ICS-G24S2X-DD	●			26					●	●	●		●	●	●	●	●	●	●	
	ICS-G24S4X-AA	●			28					●	●	●		●	●	●	●	●	●	●	
	ICS-G24S4X-AD	●			28					●	●	●		●	●	●	●	●	●	●	
	ICS-G24S4X-DD	●			28					●	●	●		●	●	●	●	●	●	●	
	MSW-4424A	●			28					●	●	●		●	●	●	●	●	●	●	
	MSW-4424C-AA	●			28					●	●	●		●	●	●	●	●	●	●	
	MSW-4424C-AC	●			28					●	●	●		●	●	●	●	●	●	●	
	MSW-4424C-AD	●			28					●	●	●		●	●	●	●	●	●	●	
	MSW-4424C-DC	●			28					●	●	●		●	●	●	●	●	●	●	
	MSW-4424C-DD	●			28					●	●	●		●	●	●	●	●	●	●	
	MSW-4424CS-AA	●			28					●	●	●		●	●	●	●	●	●	●	
	MSW-4424CS-AC	●			28					●	●	●		●	●	●	●	●	●	●	
MSW-4424CS-AD	●			28					●	●	●		●	●	●	●	●	●	●		
MSW-4424CS-DC	●			28					●	●	●		●	●	●	●	●	●	●		
MSW-4424CS-DD	●			28					●	●	●		●	●	●	●	●	●	●		
MSW-4424S	●			28					●	●	●		●	●	●	●	●	●	●		
Edimax	ES-1008P	●			8	—	RJ45	100							●	●					
	ES-1008PH	●			8	—	RJ45	100							●	●					
	ES-1016	●			16	—	RJ45	100							●	●					
	ES-1024	●			24	—	RJ45	100							●	●					
	GS-1008P	●			8	—	RJ45	1.000							●	●		●			
	GS-1008PH	●			8	—	RJ45	1.000							●	●		●			
	GS-1016	●			16	—	RJ45	1.000							●	●		●			
	GS-1026	●			24	—	RJ45, SFP	1.000							●	●		●	●	●	
Eks Engel	E-Light 2MA	●			max. 6	max. 4	ST, SC, SMA, E2000	100	100	●					●	●					
Gigamedia	GGM INS5R4P1S	●			5	1	LC	1.000	1.000						●	●		●	●		
	GGM INS6R2LCA	●			6/8	2	LC	1.000	1.000	●			●		●	●		●	●		
Harting	Ha-VIS Econ 2000 Fast Ethernet Basic	●			3 - 8	0 - 3	RJ45, SC Dup.	100	100						●	●		●	●		
	Ha-VIS Econ 2000 Fast Ethernet Basic PoE/PoE+	●			5 - 8	0 - 3	RJ45, SC Dup.	100	100						●	●		●	●		
	Ha-VIS Econ 2000 Full Gigabit Ethernet Basic	●			4 - 7	0 - 3	RJ45, SC Dup.	1.000	1.000						●	●		●	●		

Standards (IEEE 802.3, 802.1)										Stromversorgung					Technische Daten							
10GBase-SR/LR/LRM/...	Flow Control	Link Aggregation	Spanning Tree	Multiple Spanning Tree	Rapid Spanning Tree	VLAN Tagging	sonstige	benötigte Versorgungsspannung (V)	Leistungsaufnahme (W)	interne Spannungsversorgung möglich	Anschluss an ext. Netzteil möglich	Stromversorgung redundant möglich	PoE-fähig (802.3af)	PoE+-fähig (802.3at)	Hutschienmontage möglich	Abmessungen Breite x Tiefe x Höhe (mm)	Gewicht (g)	IP-Schutzart des Gehäuses	Betriebstemperatur von X bis Y °C	Lagertemperatur von X bis Y °C	Rel. Luftfeuchtigkeit beim Betrieb von X bis Y%	sonstiges
								12~48 DC	max. 8		●	●			●	37 x 95 x 140	800	30	-10~60	-40~85	5~95	
		●						12~48 DC	max. 4,5		●	●			●	44 x 85 x 120	300	40	-10~60	-40~85	5~95	
							●	12~48 DC	max. 17		●				●	79 x 105 x 152	1.600	40	-10~60	-40~85	5~95	
		●	●	●	●	●	●	24~52	135			●	●	●	●	45 x 145 x 108		30	-40~85	-40~85	5~95	●
		●	●	●	●	●	●	90~240 AC, 48/24 DC	30		●	●	●		●	2.160 x 2.600 x 440	2.420		-40~70	-40~85	5~95	●
		●	●	●	●	●	●	90~240 AC, 48/12 DC, 24/12 DC	46		●	●	●		●	4.380 x 2.740 x 440	3.780		-40~70	-40~85	5~95	●
		●	●	●	●	●	●	90~240 AC	33,5		●	●	●		●	2.160 x 2.600 x 440	2.700		-40~70	-40~85	5~95	●
		●	●	●	●	●	●	90~240 AC, 48/24 DC	25		●	●	●		●	2.160 x 2.600 x 440	2.420		-40~70	-40~85	5~95	●
	●	●	●	●	●	●	●	90~240 AC, 48/12 DC, 24/12 DC	51		●	●	●		●	4.380 x 2.740 x 440	5.300		-40~70	-40~85	5~95	●
		●	●	●	●	●	●	24~48 DC	max. 155		●	●	●	●	●	159 x 134 x 95	ca. 1.300	30-31	-40~75	-40~85	5~95	●
		●	●	●	●	●	●		24		●	●			●	159 x 134 x 55			-40~75	-40~85	5~95	
		●	●	●	●	●	●	24~48 DC	max. 155		●	●	●	●	●	159 x 134 x 95	1.300	30-31	-40~75	-40~85	5~95	●
		●	●	●	●	●	●				●	●	●	●	●	159 x 134 x 95	900	30-31	-40~75	-40~85	5~95	●
		●	●	●	●	●	●	12~58 DC	15			●			●	50 x 108 x 154		30	-40~75		5~95	
								12~58 DC	3,8						●	29 x 89 x 109		30	-40~75		5~95	
	●	●	●	●	●	●	●	110~370 DC, 88~264AC	43,5 max			●				440 x 325 x 44	6.600		-40~85	-40~85	5~95	
		●	●	●	●	●	●	12~48 DC	15			●	●	●	●	14 x 17 x 71	1.700	30	-40~75	-40~85	5~95	
		●	●	●	●	●	●	18~60, 100~240								250 x 117 x 44	1.800		0~50			
		●	●	●	●	●	●	100~240								204 x 330 x 44	1.800		0~50			
		●	●	●	●	●	●	100~240								204 x 330 x 44	2.000		0~50			
		●	●	●	●	●	●	100~240	30							440 x 172 x 44	4.000		0~50			
		●	●	●	●	●	●	100~240	30							440 x 172 x 44	4.200		0~50			
		●	●	●	●	●	●	100~240	18							330 x 204 x 44	4.000		0~50			
		●	●	●	●	●	●	88~264	31,1			●				440 x 315 x 44	5.870	30	-10~60			
		●	●	●	●	●	●	88~264	31,1			●				440 x 315 x 44	5.630	30	-10~60			
		●	●	●	●	●	●	18~60	33,4			●				440 x 315 x 44	5.440	30	-10~60			
		●	●	●	●	●	●	88~264	34,4			●				440 x 315 x 44	5.935	30	-10~60			
		●	●	●	●	●	●	88~264	34,4			●				440 x 315 x 44	5.690	30	-10~60			
		●	●	●	●	●	●	18~60	30			●				440 x 315 x 44	5.440	30	-10~60			
		●	●	●	●	●	●	100~240	60							438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	100~240	60			●				438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	100~240	60							438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	100~240	60			●				438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	36~60	60							438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	36~60	60			●				438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	100~240	60			●				438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	100~240	60							438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	100~240	60			●				438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	36~60	60							438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	36~60	60							438 x 270 x 44	6.000		0~50			
		●	●	●	●	●	●	100~240	60							438 x 270 x 44	6.000		0~50			
								230	5		●		●	●		280 x 179 x 45	1.500		0~40	-40~70	10~90	
								230	5		●		●	●		280 x 179 x 45	1.500		0~40	-40~70	10~90	
		●						230	3		●					441 x 131 x 44	1.700		0~40	-40~70	10~90	
		●						230	4		●					441 x 131 x 44	1.700		0~40	-40~70	10~90	
								230	5		●		●	●		280 x 179 x 45	1.500		0~50	-40~70	10~90	
								230	5		●		●	●		280 x 179 x 45	1.500		0~40	-40~70	10~90	
		●						230	6,21		●					441 x 131 x 44	1.700		0~40	-40~70	10~90	
		●						230	16		●					441 x 131 x 44	1.950		0~40	-40~70	10~90	
		●	●	●	●	●	●	12~70 DC	8		●	●	●		●	70 x 130 x 145	850		-40~75	-40~85	5~95	
		●	●	●	●	●	●	48 DC	130 max.		●	●	●	●	●	31 x 136 x 110	395	30	-20~60	-40~85	10~95	
		●	●	●	●	●	●	12~48 DC	18		●	●			●	72 x 152 x 105		30	-10~60		5~95	
								24	0,95 - 3,5		●				●	47 x 27 x 114	170	30	-40~70	-40~85	0~95	●
								24	2,4 - 3,8		●		●	●	●	120 x 27 x 114	380	30	-40~70	-40~85	0~95	●
								24	1,4 - 5		●				●	60 x 27 x 114	217	30	-40~70	-40~85	0~95	●

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Hersteller	Produktname	Switch-Typ			Ports				Management					Unterstützte							
		Layer 2	Layer 3	sonstiger	Anzahl der RJ-Ports	Anzahl der Glasfaser-Ports	Unterstützte Steckverbindertypen	Max. Datenrate bei Kupfer in MBit/s	Max. Datenrate bei Glasfaser in MBit/s	Managed Switch	Web	Telnet	Windows	SNMP	sonstige Schnittstelle	10Base-T	100Base-TX	100Base-FX	1000Base-T	1000Base-SX	10GBase-T
Harting	Ha-VIS Econ 2000 Full Gigabit Ethernet Basic PoE/PoE+	●			5 - 7	0 - 3	RJ45, SC Dup.	1.000	1.000							●	●	●	●		
	Ha-VIS Econ 2160-A	●			16	—	RJ45	100								●	●				
	Ha-VIS Econ 3000 Fast Ethernet Basic	●			3 - 10	0 - 2	RJ45, SC Dup.	100								●	●	●			
	Ha-VIS Econ 3000 Fast Ethernet Basic PoE/PoE+	●			5 - 8	0 - 2	RJ45, SC Dup.	100								●	●	●			
	Ha-VIS Econ 3000 Fast Ethernet Basic PoE/PoE+ 24V	●			5 - 8	0 - 2	RJ45, SC Dup.	100								●	●	●			
	Ha-VIS Econ 3000 Full Gigabit Ethernet Basic	●			2 - 7	0 - 3	RJ45, SC Dup., SFP	1.000	1.000							●	●	●	●	●	
	Ha-VIS Econ 3000 Full Gigabit Ethernet Basic PoE/PoE+	●			5 - 7	0 - 3	RJ45, SC Dup., SFP	1.000	1.000							●	●	●	●		
	Ha-VIS Econ 3000 Full Gigabit Ethernet Basic PoE/PoE+ 24V	●			5 - 7	0 - 3	RJ45, SC Dup., SFP	1.000	1.000							●	●	●	●		
	Ha-VIS Econ 3000	●			8 - 10	0 - 3	RJ45, SC Dup., SFP	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
Ha-VIS Ethernet Switches	●			2 - 16	1 - 3	RJ45, M12, SC, LC	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	●	
Hirschmann	Gecko	●			4		RJ45	100	100	●	●	●		●	●	●	●				
	Greyhound	●			28	16	RJ45, LC, ST, SC	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
	Greyhound Performance	●	●		28	22	RJ45, LC, ST, SC	1.000	2.500	●	●	●		●	●	●	●	●	●	●	
	Mach100	●	●		8 - 26	1 - 8	RJ45, LC, ST, SC	1.000	10.000	●	●	●		●	●	●	●	●	●	●	
	Mach4000	●	●		51	35	RJ45, LC, ST, SC	1.000	10.000	●	●	●		●	●	●	●	●	●	●	
	MSx	●	●		8 - 28	1 - 28	RJ45, LC, ST, SC	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
	Octopus	●	●		5 - 28	4	M12	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
	RED25	●			4	2	RJ45, LC	100	100	●	●	●		●	●	●	●	●			
	RS20/30/40	●			4 - 26	1 - 4	RJ45, LC, ST, SC	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
	RSB20	●			8, 9	1 - 3	RJ45, LC, ST, SC	100	100	●	●	●		●	●	●	●	●			
	RSP	●	●		6, 8, 11	2, 4, 7	RJ45, LC	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
	RSPE	●	●		28	16	RJ45, LC	1.000	1.000	●	●	●		●	●	●	●	●	●	●	
	Spider	●			2 - 10	1 - 3	RJ45, LC, ST, SC	1.000	1.000							●	●	●	●	●	
Spider (II)	●			2 - 18	1 - 2	RJ45, SC, ST, LC	1.000	1.000		●					●	●	●	●	●		
Hirschmann, Cisco, Fortinet	Industrie Switching 4.0	●			1 - n	1 - n				●	●	●	●	●	●	●	●	●	●	●	
Huawei	CE6810-48S4Q-LI	●			—	48 + 4	SFP, SFP+, QSFP+	40.000		●		●	●								
	CE6810-48S-LI	●			—	48	SFP, SFP+	10.000		●		●	●								
	S1720-20GFR-4TP	●	●	●	16	2		1.000	1.000	●	●	●			●	●	●	●			
	S1720-28GFR-4TP	●	●	●	24	2		1.000	1.000	●	●	●			●	●	●	●			
	S5720-56C-PWR-HI-AC	●	●		48	4		1.000	10.000	●	●	●			●	●	●	●	●		
Icpdas	NS-200 Serie	●			5 - 16	1 - 2	RJ45, SC, ST, LC	1.000	1.000						●	●	●	●	●		
Katron	KGS-0862-WP-2SX	●			8 (M12)	2	M12, LC	1.000	1.000	●	●			●	●	●	●	●	●		
	UBF 0961106	●			8	2	RJ45, LC, SC (nur Bi-Di)	1.000	1.000	●	●	●		●	●	●	●	●	●		
Korenix	Jetnet Serie	●	●		5 - 48	1 - 12	RJ45, M12, SC, ST, LC (SFP)	1.000	1.000	●	●	●	●	●	●	●	●	●	●		
KTI Networks	KFS-0540	●			5			100							●	●					
	KFS-0840	●			8			100							●	●					
	KFS-1640-L	●			16			100							●	●					
	KGC-460	●			2	2	LC	1.000	1.000	●	●	●		●	●	●	●	●	●		
	KGC-460-HP	●			2	2	LC	1.000	1.000	●	●	●		●	●	●	●	●	●		
	KGD-600/B	●			5	1	LC	1.000	1.000	●	●			●	●	●	●	●	●		
	KGD-802/B	●			6 + 2	2	LC	1.000	1.000	●	●			●	●	●	●	●	●		
	KGD-802-P/B	●			6 + 2	2	LC	1.000	1.000	●	●			●	●	●	●	●	●		
	KGS-0840	●			8			1.000							●	●		●			
	KGS-0841-W	●			8 (M12)			100							●	●					
	KGS-0860-WP	●			8 (M12)	2	LC	100	100	●	●	●		●	●	●	●	●			
	KGS-0861-WP	●			6 (M12)	2	LC	1.000	1.000	●	●	●		●	●	●	●	●	●		
	KGS-0862-WP	●			6 (M12)	2	LC	1.000	1.000	●	●	●		●	●	●	●	●	●		

Standards (IEEE 802.3, 802.1)										Stromversorgung						Technische Daten						
10GBase-SR/LR/LRM/...	Flow Control	Link Aggregation	Spanning Tree	Multiple Spanning Tree	Rapid Spanning Tree	VLAN Tagging	sonstige	benötigte Versorgungsspannung (V)	Leistungsaufnahme (W)	interne Spannungsversorgung möglich	Anschluss an ext. Netzteil möglich	Stromversorgung redundant möglich	PoE-fähig (802.3af)	PoE+-fähig (802.3at)	Hutschiennenmontage möglich	Abmessungen Breite x Tiefe x Höhe (mm)	Gewicht (g)	IP-Schutzart des Gehäuses	Betriebstemperatur von X bis Y °C	Lagertemperatur von X bis Y °C	Rel. Luftfeuchtigkeit beim Betrieb von X bis Y%	sonstiges
								24	3,6 - 5		●		●	●	120 x 27 x 114	380	30	-40 ~ 70	-40 ~ 85	0 ~ 95	●	
								24	1,4		●				120 x 27 x 114	400	30	-10 ~ 70	-40 ~ 85	0 ~ 95		
								24	2 - 6,5		●				25 x 108 x 142	445	30	-40 ~ 70	-40 ~ 85	0 ~ 95	●	
								24	2 - 3		●		●	●	25 x 108 x 142	440	30	-40 ~ 70	-40 ~ 85	0 ~ 95	●	
								24	3 - 4		●		●	●	60 x 108 x 142	540	30	-40 ~ 70	-40 ~ 85	0 ~ 95		
								24	4,3 - 6,5		●				25 x 108 x 142	490	30	-40 ~ 70	-40 ~ 85	0 ~ 95	●	
								24	2 - 5		●		●	●	25 x 108 x 142	440	30	-40 ~ 70	-40 ~ 85	0 ~ 95	●	
								24	3 - 6		●		●	●	60 x 108 x 142	540	30	-40 ~ 70	-40 ~ 85	0 ~ 95		
			●	●	●	●	●	24	4 - 6,7		●	●			44 x 100 x 130	450	30	-40 ~ 70	-40 ~ 85	0 ~ 95	●	
		●	●	●	●	●	●			●	●	●	●	●	versch.	versch.	bis 65/67	-40 ~ 70	-40 ~ 85	10 ~ 95		
		●	●	●	●	●	●	12 ~ 48 DC	7	●	●	●			25 x 80 x 114	150	20	-40 ~ 70	-40 ~ 85	5 ~ 95		
		●	●	●	●	●	●	24 ~ 48 DC, 110 ~ 250 AC/DC	7,5 - 18	●	●	●			448 x 315 x 44	3.600	20	-40 ~ 70	-40 ~ 85	5 ~ 95	●	
		●	●	●	●	●	●	24 ~ 48 DC, 60 ~ 250 AC/DC	25 - 240	●	●	●	●	●	448 x 315 x 44	3.600	20	-40 ~ 70	-40 ~ 85	5 ~ 95	●	
	●	●	●	●	●	●	●	24 ~ 48 DC, 110 ~ 250 AC/DC	25 - 240	●	●	●	●	●	47 - 110 x 111 x 131	400 - 1.000	20	-40 ~ 70	-40 ~ 85	5 ~ 95		
	●	●	●	●	●	●	●	24 ~ 48 DC, 60 ~ 250 AC/DC	70 - 350	●	●	●	●		448 x 435 x 88	7.500	20	0 ~ 60	-25 ~ 70	5 ~ 95	●	
		●	●	●	●	●	●	12 ~ 48 DC	7 - 240	●	●	●	●	●	391 x 142 x 147	2.500	20	-40 ~ 70	-40 ~ 85	5 ~ 95	●	
		●	●	●	●	●	●	12 ~ 48 DC, 60 ~ 120 AC/DC	20 - 150	●	●	●	●	●	261 x 70 x 190	2.000	65, 67	-40 ~ 70	-40 ~ 85	5 ~ 95		
		●	●	●	●	●	●	12 ~ 48 DC	10	●	●	●		●	47 x 111 x 131	320	20	-40 ~ 70	-40 ~ 85	5 ~ 95		
		●	●	●	●	●	●	12 ~ 48 DC	7 - 75	●	●	●	●	●	47 - 110 x 111 x 131	400 - 1.000	20	-40 ~ 70	-40 ~ 85	5 ~ 95		
		●	●	●	●	●	●	24 DC	7 - 12	●	●	●		●	47 - 71 x 111 x 131	400	20	-40 ~ 70	-40 ~ 85	5 ~ 95		
		●	●	●	●	●	●	12 ~ 48 DC, 60 ~ 250 AC/DC	10 - 25	●	●	●		●	98 x 120 x 164	1.200	20	-40 ~ 70	-40 ~ 85	5 ~ 95		
		●	●	●	●	●	●	12 ~ 48 DC, 60 ~ 250 AC/DC	20 - 150	●	●	●	●	●	217 x 120 x 164	2.500	20	-40 ~ 70	-40 ~ 85	5 ~ 95	●	
			●					12 ~ 48 DC	5 - 120	●	●	●	●	●	25 x 80 x 114	100 - 300	20	-40 ~ 70	-40 ~ 85	5 ~ 95		
		●	●	●	●	●	●	9,6 - 32	2,2 - 10,7		●	●	●	●	66 x 111 x 138	15 - 730	30	-40 ~ 85	-40 ~ 85	10 ~ 95		
	●	●	●	●	●	●	●			●	●	●	●	●								
	●	●	●	●	●	●	●	90 ~ 290	238			●			442 x 600 x 44	10.400		0 ~ 40	-40 ~ 70	5 ~ 95		
	●	●	●	●	●	●	●	90 ~ 290	178			●			442 x 600 x 44	10.200		0 ~ 40	-40 ~ 70	5 ~ 95		
			●	●	●	●	●	100 ~ 220	21						442 x 220 x 44			0 ~ 50		5 ~ 95		
			●	●	●	●	●	100 ~ 220	25						442 x 220 x 44			0 ~ 50		5 ~ 95		
	●	●	●	●	●	●	●	100 ~ 220	190 - 1.800			●	●	●	442 x 420 x 44			0 ~ 45		5 ~ 95		
								10 ~ 30 DC	3 - 8		●	●	●	●	versch.	versch.		-40 ~ 75	-40 ~ 85	10 ~ 90		
		●	●	●	●	●	●	45 ~ 57 DC, 51 ~ 57 DC	11,5		●		●	●	163 x 195 x 61		65, 67	-40 ~ 70	-40 ~ 85	5 ~ 95	●	
		●	●	●	●	●	●		9 - 150		●		●	●	42 x 106 x 140		20	-40 ~ 70	-40 ~ 85	5 ~ 95		
	●	●	●	●	●	●	●	10 ~ 30 DC, 46 ~ 57 DC, 230 AC	3 - 15/100	●	●	●	●	●	versch.	versch.	20 - 67	-40 ~ 75	-40 ~ 85	10 ~ 90		
								7 ~ 30 DC	2,2		●			●	40 x 80 x 95			-35 ~ 70	-40 ~ 85	10 ~ 90	●	
								7 ~ 30 DC	2,3		●			●	40 x 80 x 95			-35 ~ 70	-40 ~ 85	10 ~ 90	●	
								4,5 ~ 50 DC	125		●			●	40 x 106 x 140			-20 ~ 70	-20 ~ 85	10 ~ 90	●	
	●	●	●	●	●	●	●	12 ~ 57 DC	6		●			●	42 x 106 x 140			-40 ~ 70	-40 ~ 85	5 ~ 95	●	
		●	●	●	●	●	●	45 ~ 57 DC	66		●		●	●	42 x 106 x 140			-40 ~ 70	-40 ~ 85	5 ~ 95	●	
		●	●	●	●	●	●	6,5 ~ 32 DC	5		●			●	144 x 105 x 26			-40 ~ 70	-40 ~ 85	10 ~ 90	●	
		●	●	●	●	●	●	6,5 ~ 60 DC	10		●			●	40 x 106 x 140			-20 ~ 60	-20 ~ 85	10 ~ 90	●	
		●	●	●	●	●	●	44 ~ 54 DC	10		●		●	●	40 x 106 x 140			-20 ~ 60	-20 ~ 85	10 ~ 90	●	
		●						8 ~ 57 DC	10		●			●	42 x 106 x 140			-30 ~ 70	-40 ~ 85	5 ~ 90	●	
		●						6,5 ~ 60 DC	11,5		●			●	163 x 195 x 61		65/67	-40 ~ 70	-40 ~ 85	5 ~ 95	●	
		●	●	●	●	●	●	6,5 ~ 60 DC	11,5		●	●		●	163 x 195 x 61		65/67	-40 ~ 70	-40 ~ 85	5 ~ 95	●	
		●	●	●	●	●	●	6,5 ~ 60 DC	11,5		●	●		●	163 x 195 x 61		65/67	-40 ~ 70	-40 ~ 85	5 ~ 95	●	
		●	●	●	●	●	●	45 ~ 57 DC	11,5		●		●	●	163 x 195 x 61		65/67	-40 ~ 70	-40 ~ 85	5 ~ 95	●	

Marktübersicht: Industrietaugliche Switches

Die vollständige Marktübersicht mit allen Produktdetails finden Sie online unter www.lanline.de/solutionfinder.html.

Hersteller	Produktname	Switch-Typ			Ports				Management					Unterstützte							
		Layer 2	Layer 3	sonstiger	Anzahl der RJ-Ports	Anzahl der Glasfaser-Ports	Unterstützte Steckverbindertypen	Max. Datenrate bei Kupfer in MBit/s	Max. Datenrate bei Glasfaser in MBit/s	Managed Switch	Web	Telnet	Windows	SNMP	sonstige Schnittstelle	10Base-T	100Base-TX	100Base-FX	1000Base-T	1000Base-SX	10GBase-T
KTI Networks	KGS-0863-WP	●			6 (M12)	2	LC	100	1.000	●	●	●	●	●	●	●	●	●	●	●	
	KGS-0865	●			8			1.000		●	●	●	●	●	●	●	●	●	●	●	
	KGS-1060	●			8	2	LC	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
	KGS-1060-HP	●			8	2	LC	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
	KGS-1064-HP	●			8	2	LC	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
	KGS-2461-HP	●			20 + 4	4	LC	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
	KGS-2461-S	●			20 + 4	4	LC	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
	KSD-103-A-C	●			2	1	SC	100	100							●	●	●			
	KSD-103-A-SL2	●			2	1	SC SM	100	100							●	●	●			
	KSD-103-A-T	●			2	1	ST	100	100							●	●	●			
	KSD-103-A-W3520	●			2	1	Bi-Di SC SM	100	100							●	●	●			
	KSD-103-A-W5320	●			2	1	Bi-Di SC SM	100	100							●	●	●			
	KSD-103-B-C	●			1	2	SC	100	100							●	●	●			
	KSD-103-B-SL2	●			1	2	SC SM	100	100							●	●	●			
	KSD-103-B-T	●			1	2	ST	100	100							●	●	●			
	KSD-103-B-W3520	●			1	2	Bi-Di SC SM	100	100							●	●	●			
	KSD-103-B-W5320	●			1	2	Bi-Di SC SM	100	100							●	●	●			
	KSD-541	●			4 + 1	1	LC	100	100							●	●	●			
	KSD-541-HP	●			4 + 1	1	LC	100	100							●	●	●			
	KSD-800	●			8			100								●	●				
	KSD-800-1C	●			7 + 1	1	SC	100	100							●	●	●			
	KSD-800-1SL2	●			7 + 1	1	SC SM	100	100							●	●	●			
	KSD-800-1T	●			7 + 1	1	ST	100	100							●	●	●			
	KSD-800-2C	●			6 + 2	2	SC	100	100							●	●	●			
	KSD-800-2SL2	●			6 + 2	2	SC SM	100	100							●	●	●			
	KSD-800-2T	●			6 + 2	2	ST	100	100							●	●	●			
	KSD-800M	●			8			100		●	●	●	●	●	●	●	●				
	KSD-800M-1C	●			7 + 1	1	SC	100	100	●	●	●	●	●	●	●	●				
	KSD-800M-1SL2	●			7 + 1	1	SC SM	100	100	●	●	●	●	●	●	●	●				
	KSD-800M-1T	●			7 + 1	1	ST	100	100	●	●	●	●	●	●	●	●				
KSD-800M-2C	●			6 + 2	2	SC	100	100	●	●	●	●	●	●	●	●					
KSD-800M-2SL2	●			6 + 2	2	SC SM	100	100	●	●	●	●	●	●	●	●					
KSD-800M-2T	●			6 + 2	2	ST	100	100	●	●	●	●	●	●	●	●					
Lantech	IES-3416DSFP	●			16	4	RJ45, SFP	100	1.000	●	●	●	●	●		●	●	●	●	●	
	IPES-2208CB	●			8	2	RJ45, SFP	100	1.000	●	●	●	●	●		●	●	●	●	●	
	IPES-5416T-67	●			4 + 16		M12	1.000		●	●	●	●	●		●	●	●	●	●	
Microsens	Profi Line +	●			7	max. 2	RJ45	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
	Profi Line Modular	●			max. 25	max. 8	RJ45	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
	Profi Line Rack	●			25	8	RJ45, SFP	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
	Ruggedized Micro-Switch	●			5	1	RJ45	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
Moxa	EDS-Serie		●		max. 24	max. 4		100	1.000	●	●	●	●	●	●	●	●	●	●	●	
	ICS-G Serie	●	●		max. 48	max. 52		100	1.000	●	●	●	●	●	●	●	●	●	●	●	
	IKS Serie		●		max. 24	max. 24		100	1.000	●	●	●	●	●	●	●	●	●	●	●	
	PT-Serie	●	●		max. 28	max. 4		100	1.000	●	●	●	●	●	●	●	●	●	●	●	
	TN-Serie	●	●		max. 24	max. 2		100	1.000	●	●	●	●	●	●	●	●	●	●	●	
Murrelektronik	Tree 6TX Eco	●			6		RJ45	100							●	●					
	Tree 6TX Metal	●			6		RJ45	100							●	●					
	Tree 8TX Metal	●			8		RJ45	100							●	●					
	Tree67 4x	●			4		M12 D-kod.	100							●	●					
	Tree67 8x	●			8		M12 D-kod.	100							●	●					
Nexans	IgigaSwitch 16XX	●			max. 12	max. 12	RJ45, LC Dup.	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	●
	Managed Industrial Switches E+-Series	●			5, 7, 10	2, 3	RJ45, LC Dup.	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	●
	Managed Industrial Switches S-Series	●			5, 7, 10	2, 3	RJ45, LC Dup.	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	●

Standards (IEEE 802.3, 802.1)										Stromversorgung					Technische Daten							
10GBase-SR/LR/LRM/...	Flow Control	Link Aggregation	Spanning Tree	Multiple Spanning Tree	Rapid Spanning Tree	VLAN Tagging	sonstige	benötigte Versorgungsspannung (V)	Leistungsaufnahme (W)	interne Spannungsversorgung möglich	Anschluss an ext. Netzteil möglich	Stromversorgung redundant möglich	PoE-fähig (802.3af)	PoE+-fähig (802.3at)	Hutschiennenmontage möglich	Abmessungen Breite x Tiefe x Höhe (mm)	Gewicht (g)	IP-Schutzart des Gehäuses	Betriebstemperatur von X bis Y °C	Lagertemperatur von X bis Y °C	Rel. Luftfeuchtigkeit beim Betrieb von X bis Y%	sonstiges
								45~57 DC	11,5						163 x 195 x 61		65/67	-40~70	-40~85	5~95		
								8~57 DC	10						42 x 106 x 140			-30~70	-40~85	5~90		
								7~60 DC	9						42 x 106 x 140			-40~70	-40~85	5~95		
								45~57 DC	9						42 x 106 x 140			-40~70	-40~85	5~95		
								12~30 DC	14						40 x 106 x 140			-30~60	-40~85	5~95		
								45~57 DC, 240 AC	48						443 x 280 x 43			-30~60	-40~85	10~90		
								40~72 DC, 240 AC	48						443 x 280 x 43			-30~60	-40~85	10~90		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								7~50 DC	4						28 x 82 x 95	250		-30~70	-40~85	5~95		
								6~60 DC	4						144 x 105 x 26			-30~70	-40~85	10~90		
								44~57 DC	125						144 x 105 x 26			-30~70	-40~85	10~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								7~30 DC	7,3						140 x 106 x 40			-20~70	-20~85	5~90		
								9,5~60 DC	max. 10						74 x 135 x 152	1.000	30	-20~60	-40~85	5~95		
								12~54 DC	max. 3,8						74 x 114 x 152	850	30	-20~60	-40~85	5~95		
								9,5~60 DC	max. 16/240						285 x 201 x 84	2.100	67	-40~75	-40~85	5~95		
								24~57 DC	7						60 x 105 x 121	790	20	-40~75	-40~85	10~90		
								24~57 DC	9						127 x 105 x 121	990	20	-40~75	-40~85	10~90		
								24~57 DC	30						335 x 235 x 44	3.300	20	-40~75	-40~85	10~90		
								44~57 DC	5						90 x 78 x 54	350	20	-25~65	-25~85	10~90		
								24 DC, 12~45 DC							362 x 143 x 128	19.950	30	0~60	-40~85	5~95		
								110/220 AC, 85~264 AC							440 x 176 x 524	12.900	30	-10~60	-40~85	5~95		
								110/220 AC							440 x 44 x 387	5.100	30	-10~60, -40~75	-40~85	5~95		
								24/48 DC, 110/220 DC/AC							440 x 44 x 325	4.900	40	-40~85	-40~85	5~95		
								24 DC, 12~45 DC							185 x 176 x 110	2.000-4.000	30	-25~60, -40~75	-40~85	5~95		
								9~30 DC	5						45 x 78 x 90	160	20	0~60	-10~70	5~95		
								9~30 DC	5						45 x 78 x 90	383	50	-10~70	-40~85	5~95		
								9~48 DC	5						45 x 78 x 90	270	50	-10~70	-40~85	5~95		
								18~30 DC	2,5						95 x 55 x 31	330	67	-25~60	-40~80	0~100		
								18~30 DC	3						145 x 55 x 31	490	67	-25~60	-40~80	0~100		
								24~48 DC	16-18						95 x 184 x 125	1.800	40	-40~85		20~90		
								24~48 DC	10-12						75/85/126 x 105 x 106	670, 750, 1.250	30	-40~85	-40~85			
								24~48 DC	10-12						75/85/126 x 105 x 106	670, 750, 1.250	30	-25~70	-40~85	bis 95		

Marktübersicht: Industrietaugliche Switches

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Hersteller	Produktname	Switch-Typ			Ports				Management					Unterstützte									
		Layer 2	Layer 3	sonstiger	Anzahl der RJ-Ports	Anzahl der Glasfaser-Ports	Unterstützte Steckverbindertypen	Max. Datenrate bei Kupfer in MBit/s	Max. Datenrate bei Glasfaser in MBit/s	Managed Switch	Web	Telnet	Windows	SNMP	sonstige Schnittstelle	10Base-T	100Base-TX	100Base-FX	1000Base-T	1000Base-SX	10GBase-T		
Oring	RGPS-R9244GP+P	●	●		24	4	RJ45, SFP+	1.000	10.000	●	●	●	●	●	●	●	●	●	●	●	●	●	
	RGS-PR9000 Series	●	●		24	28	RJ45, SFP	1.000	10.000	●	●	●	●	●	●	●	●	●	●	●	●	●	
	TGPS-9164GT-M12 Series	●		●	20		M12	1.000		●	●	●	●	●	●	●	●	●	●	●	●	●	
	Oring IES-Serie	●	●		5 - 24	0 - 2				●	●	●	●	●	●	●	●	●	●	●	●	●	
Phoenix Contact	Advanced Managed Serie 7000	●			4 - 8	0 - 4	RJ45, SC, LC	1.000	1.000	●	●			●	●	●	●	●	●	●	●	●	
	Lean Managed Switches	●			4 - 8	0 - 2	RJ45, SC, ST, SC-RJ	100	100	●	●			●	●	●	●	●	●	●	●	●	
	Modular Managed Switches	●	●		max. 28	max. 20	RJ45, SC, ST, LC, SC-RJ	1.000	1.000	●	●			●	●	●	●	●	●	●	●	●	
	Smart Managed Switches	●	●		8 - 16	0 - 2	RJ45, SC	1.000	1.000	●	●			●	●	●	●	●	●	●	●	●	
	Standard Managed Switches	●			4 - 24	0 - 16	RJ45, SC, ST, LC	100	1.000	●	●			●	●	●	●	●	●	●	●	●	
	Switches f. Profinet IRT	●			1 - 4	0 - 3	RJ45, SC-RJ	100	100	●	●			●	●	●	●	●	●	●	●	●	
	Unmanaged Switches	●			4 - 24	0 - 3	RJ45, SC, ST	1.000	1.000						●	●	●	●	●	●	●	●	
Planet	IGS-10020HPT	●			8	2	RJ45, SFP	1.000	1.000	●		●		●	●	●	●	●	●	●	●	●	
	IGS-10080MFT	●	●		2	8	SFP, RJ45	1.000	1.000	●	●	●		●	●	●	●	●	●	●	●	●	
	IGS-20040MT	●	●		16	4	RJ45, SFP	1.000	1.000	●		●		●	●	●	●	●	●	●	●	●	
	IGS-ISW-WGS	●	●		max. 16	max. 4	SFP, RJ45	1.000	1.000	●	●	●		●	●	●	●	●	●	●	●	●	
	WGS-804HP	●			8		RJ45	1.000		●		●		●	●	●	●	●	●	●	●	●	
Primation	P-Ex 1002MC	●			1	1	ST	1.000	1.000						●	●	●	●	●	●	●	●	
	P-Ex 1003GX	●			1	2	ST	1.000	1.000						●	●	●	●	●	●	●	●	
	P-Ex 1005TX	●			5	-		1.000							●	●	●	●	●	●	●	●	
Siemens	Scalance/Ruggedcom	●	●		max. 48	max. 52	RJ45, SC, ST, LC, SC-RJ, M12	1.000	10.000	●	●	●		●	●	●	●	●	●	●	●	●	
	M2200 MIL-STD Layer 2 Switch	●			9	9	LC, MicroD	100	1.000	●	●	●		●	●	●	●	●	●	●	●	●	
	MX5000 MIL Layer 3 Switch		●		96 + 2	2	ST, LC	1.000	10.000	●	●	●		●	●	●	●	●	●	●	●	●	
	RS930W Wireless Switch	●			6		RJ45	100		●	●	●		●	●	●	●	●	●	●	●	●	
	Ruggedcom-RSG2100	●			10					●	●	●		●	●	●	●	●	●	●	●	●	
	Ruggedcom-RSG2100P	●			14					●	●	●		●	●	●	●	●	●	●	●	●	
	Ruggedcom-RSG2200	●			9					●	●	●		●	●	●	●	●	●	●	●	●	
	Ruggedcom-RSG2288	●			9					●	●	●		●	●	●	●	●	●	●	●	●	
	Ruggedcom-RSG2300	●			8					●	●	●		●	●	●	●	●	●	●	●	●	
	Ruggedcom-RSG2300P	●			2	6	RJ45			●	●	●		●	●	●	●	●	●	●	●	●	
	Ruggedcom-RSG2488	●			16					●	●	●		●	●	●	●	●	●	●	●	●	
	Ruggedswitch RS900GP PoE	●			8	2	RJ45	100	1.000	●	●	●		●	●	●	●	●	●	●	●	●	
UBF	095901002	●			5	-	RJ45	100							●	●							
	095901004	●			5	-		100							●	●							
	095901804	●			8	-		100							●	●							
	095906013	●			4	1	SFP	1.000	1.000						●	●	●	●	●	●	●	●	
	095970200	●			4	1	SFP	1.000	1.000						●	●	●	●	●	●	●	●	
	095970202	●			4	2	SC	100	100						●	●	●	●	●	●	●	●	
	095970211	●			4	1	SC	100	100						●	●	●	●	●	●	●	●	
	095987200	●			8	-	RJ45	1000							●	●		●	●	●	●	●	
	122707023	●			5	2	SFP	1.000	1.000						●	●	●	●	●	●	●	●	
Wago	Industrial-Eco-Switch, 5 Ports 1000Base-T (852-1111)	●			5		RJ45	1.000							●	●		●	●	●	●	●	
	Industrial-Eco-Switch, 5 Ports 100Base-TX (852-111)	●			5		RJ45	100							●	●		●	●	●	●	●	
	Industrial-Eco-Switch, 8 Ports 100Base-TX (852-112)	●			8		RJ45	100							●	●		●	●	●	●	●	
	Industrial-Managed-Switch, 8 Ports 1000Base-T, 4 Slots 1000Base-SX/LX (852-1305)	●			8	4	RJ45, SFP	1.000	1.000	●	●	●		●	●	●	●	●	●	●	●	●	●
	Industrial-Managed-Switch, 8 Ports 100Base-TX, 2 Slots 1000Base-SX/LX (852-303)	●			8	2	RJ45, SFP	100	1.000	●	●	●		●	●	●	●	●	●	●	●	●	●
	Industrial-Switch, 5 Ports 100Base-TX (852-101)	●			5		RJ45	100							●	●		●	●	●	●	●	●

Standards (IEEE 802.3, 802.1)										Stromversorgung						Technische Daten						
10GBase-SR/LR/LRM/...	Flow Control	Link Aggregation	Spanning Tree	Multiple Spanning Tree	Rapid Spanning Tree	VLAN Tagging	sonstige	benötigte Versorgungsspannung (V)	Leistungsaufnahme (W)	interne Spannungsversorgung möglich	Anschluss an ext. Netzteil möglich	Stromversorgung redundant möglich	PoE-fähig (802.3af)	PoE+-fähig (802.3at)	Hutschienenmontage möglich	Abmessungen Breite x Tiefe x Höhe (mm)	Gewicht (g)	IP-Schutzart des Gehäuses	Betriebstemperatur von X bis Y °C	Lagertemperatur von X bis Y °C	Rel. Luftfeuchtigkeit beim Betrieb von X bis Y%	sonstiges
●	●	●	●	●	●	●	●	100~240 AC	75	●	●	●	●	●	440 x 325 x 44	6.520	30	-40~85	-40~60	5~95	●	
●	●	●	●	●	●	●	●	20~72 DC, 88~264 AC, 100~370 DC	46	●	●	●	●	●	440 x 325 x 44	6.600	30	-40~85	-40~70	5~95	●	
●	●	●	●	●	●	●	●	12~57 DC	20	●	●	●	●	●	260 x 91 x 216	2.600	30	-40~85	-40~70	5~95	●	
●	●	●	●	●	●	●	●	24		●	●	●	●	●	60 x 136 x 130	ca. 1.000	20	-40~70	-40~85	10~95		
●	●	●	●	●	●	●	●	24	2,4-6	●	●	●	●	●	45 x 112 x 99	ca. 230	20	-40~70	-40~85	30~95		
●	●	●	●	●	●	●	●	24	max. 60	●	●	●	●	●	287 x 115 x 125	2.700	20	-20~55	-20~70	10~95		
●	●	●	●	●	●	●	●	24	max. 15	●	●	●	●	●	versch.	versch.	20	versch.	versch.	5~95		
●	●	●	●	●	●	●	●	24, 115	max. 41	●	●	●	●	●	versch.	versch.	20	-40...70	-40~85	5~95		
●	●	●	●	●	●	●	●	24	max. 6	●	●	●	●	●	127 x 69 x 95	ca. 450	20, 67	-25~60	-40~85	5~95		
●	●	●	●	●	●	●	●	24, 220	versch.	●	●	●	●	●	versch.	versch.	20, 67	versch.	versch.	5~95		
●	●	●	●	●	●	●	●	DC 48	32/109	●	●	●	●	●	152 x 107 x 72	1.684	30	-40~75	-40~75	5~95	●	
●	●	●	●	●	●	●	●	DC 12~48, AC 24	14/48	●	●	●	●	●	72 x 107 x 152	1.036	30	-40~75	-40~75	5~95		
●	●	●	●	●	●	●	●	12~48 DC	17/57	●	●	●	●	●	72 x 107 x 152	1.043	30	-40~75	-40~75	5~95		
●	●	●	●	●	●	●	●	DC 12~48		●	●	●	●	●			30-67	bis -40~75	bis -40~75	5~95		
●	●	●	●	●	●	●	●	48~56 DC	140/478	●	●	●	●	●	148 x 24 x 134	510	30	-10~60	-20~70	5~95	●	
●	●	●	●	●	●	●	●	24 DC	6	●	●	●	●	●	350 x 53 x 140	4.500	64	-40~80	-40~80	10~90	●	
●	●	●	●	●	●	●	●	24 DC	6	●	●	●	●	●	350 x 53 x 140	4.500	64	-40~80	-40~80	10~90	●	
●	●	●	●	●	●	●	●	24 DC	6	●	●	●	●	●	350 x 53 x 140	4.500	64	-40~80	-40~80	10~90	●	
●	●	●	●	●	●	●	●	24 DC, 230 AC	2-300	●	●	●	●	●			20, 30, 65/67	-40~85	-40~85	95	●	
●	●	●	●	●	●	●	●	88~300 DC, 85~264 AC, 10~72 DC		●	●	●	●	●	467 x 315 x 44	versch.	40	-40~80			●	
●	●	●	●	●	●	●	●	88~300		●	●	●	●	●	455 x 302 x 175	versch.	40	-40~85			●	
●	●	●	●	●	●	●	●	88~300 DC, 85~264 AC, 10~36 DC, 36~72 DC	160	●	●	●	●	●	92 x 154 x 177	versch.	40	-40~80			●	
●	●	●	●	●	●	●	●	10~36	28 max.	●	●	●	●	●		5.200	40					
●	●	●	●	●	●	●	●	10~36	28 max.	●	●	●	●	●	465 x 315 x 44	5.200	40	-40~85				
●	●	●	●	●	●	●	●	10~36	28 max.	●	●	●	●	●	465 x 315 x 44	4.800	40	-40~85				
●	●	●	●	●	●	●	●	10~36	28 max.	●	●	●	●	●	465 x 315 x 44	4.800	40	-40~85				
●	●	●	●	●	●	●	●	10~36	28 max.	●	●	●	●	●	465 x 315 x 44	5.200	40	-40~85				
●	●	●	●	●	●	●	●	10~36	32 max.	●	●	●	●	●	465 x 315 x 44	5.200	40	-40~85				
●	●	●	●	●	●	●	●	10~36	28 max.	●	●	●	●	●	442 x 376 x 44	5.200	40	-40~85				
●	●	●	●	●	●	●	●	44~57 DC	160	●	●	●	●	●	92 x 154 x 177	versch.	40	-40~80			●	
●	●	●	●	●	●	●	●	12~48 DC, 18~30 AC	2,9	●	●	●	●	●	30 x 95 x 140	500	30	-40~75	-40~85	5~95	●	
●	●	●	●	●	●	●	●	48 DC	3,4/67	●	●	●	●	●	30 x 95 x 140	500	30	-40~75	-40~85	5~95	●	
●	●	●	●	●	●	●	●	12~48 DC, 18~30 AC	2,9	●	●	●	●	●	30 x 95 x 140	500	30	-40~75	-40~85	5~95	●	
●	●	●	●	●	●	●	●	12~48 DC	6,9	●	●	●	●	●	30 x 99 x 142	500	30	-40~75	-40~85	5~95	●	
●	●	●	●	●	●	●	●	12~48 DC	5,5	●	●	●	●	●	30 x 95 x 140	500	30	-40~75	-40~85	5~95	●	
●	●	●	●	●	●	●	●	12~48 DC	6,4	●	●	●	●	●	30 x 95 x 140	500	30	-40~75	-40~85	5~95	●	
●	●	●	●	●	●	●	●	12~48 DC	4,4	●	●	●	●	●	30 x 95 x 140	500	30	-40~75	-40~85	5~95	●	
●	●	●	●	●	●	●	●	12~48 DC		●	●	●	●	●	30 x 95 x 140		30	-40~75		5~90	●	
●	●	●	●	●	●	●	●	12~48 DC	9,1	●	●	●	●	●	30 x 99 x 142	500	30	-40~75	-40~85	5~95	●	
●	●	●	●	●	●	●	●	DC 9~48	3	●	●	●	●	●	23 x 74 x 109	190	30	-40~70	-40~80	95		
●	●	●	●	●	●	●	●	DC 18~30	3	●	●	●	●	●	23 x 74 x 109	190	30	-40~70	-40~80	95		
●	●	●	●	●	●	●	●	DC 18~30	3	●	●	●	●	●	109 x 23 x 74	415	30	-40~70	-40~80	95		
●	●	●	●	●	●	●	●	DC 12~60	max. 18	●	●	●	●	●	50 x 120 x 162	910	30	-40~70	-40~80	95		
●	●	●	●	●	●	●	●	DC 12~60	max. 12	●	●	●	●	●	50 x 120 x 162	910	30	-40~70	-40~80	95		
●	●	●	●	●	●	●	●	DC 9~48	3,4	●	●	●	●	●	50 x 120 x 105	639	30	-40~70	-40~80	95		
●	●	●	●	●	●	●	●	DC 9~48	4,6	●	●	●	●	●	50 x 120 x 162	909	30	-40~70	-40~80	95		

Marktübersicht: Industrietaugliche Switches

Die vollständige Marktübersicht mit allen Produktdetails finden Sie online unter www.lanline.de/solutionfinder.html.

Hersteller	Produktname	Switch-Typ			Ports				Management					Unterstützte							
		Layer 2	Layer 3	sonstiger	Anzahl der RJ-Ports	Anzahl der Glasfaser-Ports	Unterstützte Steckverbindertypen	Max. Datenrate bei Kupfer in MBit/s	Max. Datenrate bei Glasfaser in MBit/s	Managed Switch	Web	Telnet	Windows	SNMP	sonstige Schnittstelle	10Base-T	100Base-TX	100Base-FX	1000Base-T	1000Base-SX	10GBase-T
Wago	Industrial-Switch, 8 Ports 100Base-TX, 2 Slots 100Base-FX (852-103)	●			8	2	RJ45, SFP	100	100						●	●	●				
Weidmüller	Basicline/Valueline-Serie (unmanaged)	●			5 - 16	1 - 3	SC, ST, LC	1.000	1.000						●	●	●	●	●		
	Valueline/Premiumline-Serie (managed)	●			5 - 18	1 - 5	SC, ST, LC	1.000	1.000	●	●	●	●	●	●	●	●	●	●	●	
Westermo	Lynx Serie	●	●	●	8	2	SFP	100	1.000	●	●		●	●	●	●	●	●	●		
	Redfox	●	●		3 - 19	4 - 12	RJ45, SFP	1.000	1.000	●	●		●	●	●	●	●	●	●	●	
	Redfox Rack	●	●		19 - 27	4	RJ45, SFP	1.000	1.000	●	●		●	●	●	●	●	●	●	●	
Wiesemann & Theis	55604 Ethernet Switch Industry, 4 Port	●			4		RJ45	100		●				●	●						

Standards (IEEE 802.3, 802.1)										Stromversorgung						Technische Daten						
10GBase-SR/LR/LRM/...	Flow Control	Link Aggregation	Spanning Tree	Multiple Spanning Tree	Rapid Spanning Tree	VLAN Tagging	sonstige	benötigte Versorgungsspannung (V)	Leistungsaufnahme (W)	interne Spannungsversorgung möglich	Anschluss an ext. Netzteil möglich	Stromversorgung redundant möglich	PoE-fähig (802.3af)	PoE+-fähig (802.3at)	Hutschienenmontage möglich	Abmessungen Breite x Tiefe x Höhe (mm)	Gewicht (g)	IP-Schutzart des Gehäuses	Betriebstemperatur von X bis Y °C	Lagertemperatur von X bis Y °C	Rel. Luftfeuchtigkeit beim Betrieb von X bis Y%	sonstiges
●								DC 9 ~ 48	5,8		●	●			●	50 x 120 x 162	922	30	- 40 ~ 70	- 40 ~ 80	95	
●								9,6 ~ 60 DC, 18 ~ 30 AC	versch.		●	●	●	●	●	versch.	versch.	30, 67	bis - 40 ~ 75	- 40 ~ 85	5 ~ 95	
●	●	●			●	●	●	12 ~ 45 DC	versch.		●	●	●	●	●	versch.	versch.	30	bis - 40 ~ 75	- 40 ~ 85	5 ~ 95	
●	●	●	●		●	●	●	19 ~ 60 DC	6	●	●	●			●	53 x 101 x 100	700	40	- 40 ~ 70	- 50 ~ 85	5 ~ 95	
●	●	●	●		●	●	●	16 ~ 60 DC	20 - 32		●	●			●	134/175 x 122 x 105	1.500 - 2.200	40	- 40 ~ 70	- 50 ~ 85	5 ~ 95	
●	●	●			●	●	●	16 ~ 60 DC, 19 ~ 240 AC	20 - 50		●	●			●	466 x 258 x 43	3.800	40	- 40 ~ 70	- 40 ~ 85	5 ~ 95	
●								24 ~ 48	2	●	●		●	●	●	105 x 75 x 22	200	20	0 ~ 70	- 40 ~ 70	5 ~ 95	●

Anbieterübersicht: Industrietaugliche Switches

Hersteller/Anbieter	Telefon	Produkt	Preis (€)		
Advantech/AMC	0371/38388-0	EKI-2528	125		
		EKI-3725	141		
		EKI-7758F	698		
Advantech/Gepanet	08382/9479825	Eswgp506-2SFP-T	730		
Alcatel-Lucent Enterprise	07154/8035-0	Omniswitch 6855-14(D)	k.A.		
		Omniswitch 6855-24(D/DL)	k.A.		
		Omniswitch 6855-P14	k.A.		
		Omniswitch 6855-U10(D)	k.A.		
		Omniswitch 6855-U24X(D/DL)	k.A.		
Allied Telesis	0811/13011-0	AT-IE200-6FP	k.A.		
		AT-IE200-6FT	k.A.		
		AT-IE200-6GP-80	k.A.		
		AT-IE200-6GT-80	k.A.		
Black Box	0811/5541-0	Indry II L	449		
		Indry II S	99		
		LE2700AE	ab 1.399		
		LEH1104A-2GSFP	789		
CTC Union/Ipc2u	0511/807259-0	GSW-3208M2	k.A.		
		GSW-3208MP	k.A.		
		GSW-3216MP	k.A.		
		GSW-3420FM-AC	k.A.		
		GSW-3420FM-AD	k.A.		
		GSW-3424M1	k.A.		
		ICS-G24S2X-AA	k.A.		
		ICS-G24S2X-AD	k.A.		
		ICS-G24S2X-DD	k.A.		
		ICS-G24S4X-AA	k.A.		
		ICS-G24S4X-AD	k.A.		
		ICS-G24S4X-DD	k.A.		
		MSW-4424A	k.A.		
		MSW-4424C-AA	k.A.		
		MSW-4424C-AC	k.A.		
		MSW-4424C-AD	k.A.		
		MSW-4424C-DC	k.A.		
		MSW-4424C-DD	k.A.		
		MSW-4424CS-AA	k.A.		
		MSW-4424CS-AC	k.A.		
		MSW-4424CS-AD	k.A.		
		MSW-4424CS-DC	k.A.		
		MSW-4424CS-DD	k.A.		
		MSW-4424S	k.A.		
		Edimax	02154/88773-35	ES-1008P	99
				ES-1008PH	65
				ES-1016	31
				ES-1024	37
				GS-1008P	121
				GS-1008PH	82
				GS-1016	70
				GS-1026	95
Eks Engel	02762/9313-600	E-Light 2MA	k.A.		
Gigamedia/Steinkühler	05221/9744-0	GGM INS5R4P1S	k.A.		
		GGM INS6R2LCA	k.A.		
Harting	05772/479710-0	Ha-VIS Econ 2000 Fast Ethernet Basic	k.A.		
		Ha-VIS Econ 2000 Fast Ethernet Basic PoE/PoE+	k.A.		
		Ha-VIS Econ 2000 Full Gigabit Ethernet Basic	k.A.		
		Ha-VIS Econ 2000 Full Gigabit Ethernet Basic PoE/PoE+	k.A.		
		Ha-VIS Econ 2160-A	k.A.		
		Ha-VIS Econ 3000 Fast Ethernet Basic	k.A.		
		Ha-VIS Econ 3000 Fast Ethernet Basic PoE/PoE+	k.A.		
		Ha-VIS Econ 3000 Fast Ethernet Basic PoE/PoE+ 24V	k.A.		

Hersteller/Anbieter	Telefon	Produkt	Preis (€)
Harting	05772/479710-0	Ha-VIS Econ 3000 Full Gigabit Ethernet Basic	k.A.
		Ha-VIS Econ 3000 Full Gigabit Ethernet Basic PoE/PoE+	k.A.
		Ha-VIS Econ 3000 Full Gigabit Ethernet Basic PoE/PoE+ 24V	k.A.
		Ha-VIS Mcon 3000	k.A.
Harting/Elektro Bauelemente May	030/7001154-0	Ha-VIS Ethernet Switches	k.A.
Hirschmann	07127/14-0	Gecko	k.A.
		Greyhound	k.A.
		Greyhound Performance	k.A.
		Mach100	k.A.
		Mach4000	k.A.
		MSx	k.A.
		Octopus	k.A.
		RED25	k.A.
		RS20/30/40	k.A.
		RSB20	k.A.
		RSP	k.A.
		RSPE	k.A.
		Spider	k.A.
Hirschmann/Hopf	06196/493-0	Spider (II)	101 - 689
Hirschmann, Cisco, Fortinet/Pan Dacom	06103/932-0	Industrie Switching 4.0	k.A.
Huawei	0211/88254-8000	CE6810-48S4Q-LI	k.A.
		CE6810-48S-LI	k.A.
		S1720-20GFR-4TP	k.A.
		S1720-28GFR-4TP	k.A.
		S5720-56C-PWR-HI-AC	k.A.
Icpdas/Spectra	07121/14321-0	NS-200 Serie	k.A.
Katron/UBF	08631/91011-0	KGS-0862-WP-2SX	2.483
		UBF 0961106	581/623
Korenix/Spectra	07121/14321-0	Jetnet Serie	k.A.
KTI Networks	0521/96680-0	KFS-0540	k.A.
		KFS-0840	k.A.
		KFS-1640-L	k.A.
		KGC-460	k.A.
		KGC-460-HP	k.A.
		KGD-600/B	k.A.
		KGD-802/B	k.A.
		KGD-802-P/B	k.A.
		KGS-0840	k.A.
		KGS-0841-W	k.A.
		KGS-0860-WP	k.A.
		KGS-0861-WP	k.A.
		KGS-0862-WP	k.A.
		KGS-0863-WP	k.A.
		KGS-0865	k.A.
		KGS-1060	k.A.
		KGS-1060-HP	k.A.
		KGS-1064-HP	k.A.
		KGS-2461-HP	k.A.
		KGS-2461-S	k.A.
		KSD-103-A-C	k.A.
KSD-103-A-SL2	k.A.		
KSD-103-A-T	k.A.		
KSD-103-A-W3520	k.A.		
KSD-103-A-W5320	k.A.		
KSD-103-B-C	k.A.		
KSD-103-B-SL2	k.A.		
KSD-103-B-T	k.A.		
KSD-103-B-W3520	k.A.		
KSD-103-B-W5320	k.A.		
KSD-541	k.A.		
KSD-541-HP	k.A.		
KSD-800	k.A.		

Die ausführliche Marktübersicht finden Sie im Web unter www.lanline.de
 → Archiv → Marktübersichten und auf www.lanline.de/solutionfinder.html.

Hersteller/Anbieter	Telefon	Produkt	Preis (€)
KTI Networks	0521/96680-0	KSD-800-1C	k. A.
		KSD-800-1SL2	k. A.
		KSD-800-1T	k. A.
		KSD-800-2C	k. A.
		KSD-800-2SL2	k. A.
		KSD-800-2T	k. A.
		KSD-800M	k. A.
		KSD-800M-1C	k. A.
		KSD-800M-1SL2	k. A.
		KSD-800M-1T	k. A.
		KSD-800M-2C	k. A.
		KSD-800M-2SL2	k. A.
		KSD-800M-2T	k. A.
KTI Networks/ Avanis	0521/26012-0	KFS-0540	86
		KFS-0840	108
		KFS-1640-L	246
		KGD-802-P /B	499
		KSD-541-HP	230
Lantech/ EFB-Elektronik	0521/40418-0	IES-3416DSFP	k. A.
		IPES-2208CB	k. A.
		IPES-5416T-67	k. A.
Microsens	02381/9452-0	Profi Line +	k. A.
		Profi Line Modular	k. A.
		Profi Line Rack	k. A.
		Ruggedized Micro-Switch	k. A.
Moxa	089/3700399-0	EDS-Serie	k. A.
		ICS-G Serie	k. A.
		IKS Serie	k. A.
		PT-Serie	k. A.
		TN-Serie	k. A.
Murrelektronik	07191/47-0	Tree 6TX Eco	110
		Tree 6TX Metal	125
		Tree 8TX Metal	153
		Tree67 4x	199
		Tree67 8x	249
Nexans	02166/27-0	IgigaSwitch 16XX	k. A.
		Managed Industrial Switches E+-Series	k. A.
		Managed Industrial Switches S-Series	k. A.
Oring/Aceed	0211/938898-0	RGPS-R9244GP+-P	1.950
		RGS-PR9000 Series	1.990
		TGPS-9164GT-M12 Series	1.530
Oring/ICP	07121/14323-0	Oring IES-Serie	k. A.
Phoenix Contact	05235/3-12000	Advanced Managed Serie 7000	k. A.
		Lean Managed Switches	k. A.
		Modular Managed Switches	k. A.
		Smart Managed Switches	k. A.
		Standard Managed Switches	k. A.
		Switches f. Profinet IRT	k. A.
		Unmanaged Switches	k. A.
Planet/ B&T Tele-Dat	02236/8781-0	IGS-10020HPT	k. A.
		IGS-10080MFT	k. A.
		IGS-20040MT	k. A.
		IGS-ISW-WGS	k. A.
		WGS-804HP	k. A.
Primation	089/462600	P-Ex 1002MC	k. A.
		P-Ex 1003GX	k. A.
		P-Ex 1005TX	k. A.
Siemens	0911/895-0	Scalance/Ruggedcom	k. A.
Siemens/Ipc2u	0511/807259-0	M2200 MIL-STD Layer 2 Switch	k. A.
		MX5000 MIL Layer 3 Switch	k. A.
		RS930W Wireless Switch	k. A.
		Ruggedcom-RSG2100	k. A.
		Ruggedcom-RSG2100P	k. A.
		Ruggedcom-RSG2200	k. A.
		Ruggedcom-RSG2288	k. A.

Hersteller/Anbieter	Telefon	Produkt	Preis (€)
Siemens/Ipc2u	0511/807259-0	Ruggedcom-RSG2300	k. A.
		Ruggedcom-RSG2300P	k. A.
		Ruggedcom-RSG2488	k. A.
		Ruggedswitch RS900GP PoE	k. A.
UBF	08631/91011-0	095901002	98
		095901004	224
		095901804	168
		095906013	300
		095970200	188
		095970202	273
		095970211	204
		095987200	200
		122707023	399
		Wago	0571/887-0
Industrial-Eco-Switch, 5 Ports 100Base-TX (852-111)	k. A.		
Industrial-Eco-Switch, 8 Ports 100Base-TX (852-112)	k. A.		
Industrial-Managed-Switch, 8 Ports 1000Base-T, 4 Slots 1000Base-SX/LX (852-1305)	k. A.		
Industrial-Managed-Switch, 8 Ports 100Base-TX, 2 Slots 1000Base-SX/LX (852-303)	k. A.		
Industrial-Switch, 5 Ports 100Base-TX (852-101)	k. A.		
Industrial-Switch, 8 Ports 100Base-TX (852-102)	k. A.		
Weidmüller	05231/14-0	Basicline/Valueline-Serie (unmanaged)	k. A.
		Valueline/Premiumline-Serie (managed)	k. A.
Westermo	07254/95400-0	Lynx Serie	ab 560
		Redfox	ab 1.200
		Redfox Rack	ab 2.800
Wiesemann & Theis	0202/2680-0	55604 Ethernet Switch Industry, 4 Port	198