

Bus systems and measuring and control equipment

Page 125 – 135

Telecommunications, telephone systems

Page 136 – 139





































































Data networks

Page 140 – 141

Antenna systems, broadband systems, transmitting and receiving systems, video systems

Page 142 – 144


















































































This selection chart is only intended for orientation. In practice, there may be other interface parameters. Therefore, we recommend to check whether the electrical parameters are suited for the interface to be protected before using the arrester.

Bus systems and measuring and control equipment									
Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck	SPD class TYPE	SPD	Part No.	Page
0-20 mA, 4-20 mA (also with HART)			Screw terminals	4	●	1		920 324 ¹⁾	148
			Screw terminals	2	●	1		920 224 ¹⁾	151
			Screw terminals	4		2		926 324 ¹⁾	155
			Screw terminals	2		2		926 224 ¹⁾	156
			Spring terminals	2		2		917 921	166
			Spring terminals	2		3		917 988	166
			Wires / terminals	2		2		929 921	186
			LSA	20		1		907 401 + 907 422 + 907 498	177 179
4-20 mA (also with HART) acc. to NAMUR recommendation NE 21 or according to EN 61000-4-5, open-circuit voltage 1 kV line-PG			Screw terminals	4	●	1		920 344 ¹⁾	148
			Screw terminals	2	●	1		920 244 ¹⁾	150
			Screw terminals	4		2		926 344 ¹⁾	156
			Screw terminals	2		2		926 244 ¹⁾	157
			Spring terminals	2		2		917 941	166
			Screw terminals	4		2		918 407	172
			Wires / terminals	2		2		929 941	186
			LSA	20		1		907 401 + 907 442 + 907 498	177 179
3/4 conductor measurement			Screw terminals	4	●	1		920 350 ¹⁾	149
			Screw terminals	4	●	1		920 354 ¹⁾	149
ADVANT			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
			Screw terminals	5		2		918 401	172
			Spring terminals	2		2		917 970	166
AS interface			Screw terminals	4	●	1		920 345 ¹⁾	148
			Screw terminals	2	●	1		920 245 ¹⁾	150
			Screw terminals	4		2		926 345 ¹⁾	156
			Screw terminals	2		2		926 245 ¹⁾	157
BACnet/IP			RJ45	4 x 2		2		929 100	191
			RJ45	4 x 2		2		929 121	192
			RJ45	4 x 2		2		929 126	192
			RJ45, LSA	8 x 8		3		929 035 / 036	193
			RJ45	8 x 8		4		929 037	193
			RJ45	4		2		909 321	197

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158
























































Bus systems and measuring and control equipment

Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck 	SPD class TYPE	SPD 	Part No.	Page
BACnet MS/TP 			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
			LSA	20		1		907 401 +907 465 +907 498	177 179
Binary signals			Screw terminals	4	●	1		920 320 – 327 ¹⁾	148
			Screw terminals	2	●	1		920 220 – 225 ¹⁾	151
			Screw terminals	4		2		926 320 – 327 ¹⁾	155
			Screw terminals	2		2		926 220 – 225 ¹⁾	156
			Spring terminals	2		2		917 920 – 922	166
			Spring terminals	2		3		917 987 – 989	166
			LSA	20		1		907 401 +907 422 +907 498	177 179
Bitbus			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
			Spring terminals	2		2		917 970	166
BLN (Building Level Network)			Screw terminals	4	●	1		920 342 ¹⁾	148
			Screw terminals	2	●	1		920 242 ¹⁾	150
			Screw terminals	4	●	1		920 345 ¹⁾	148
			Screw terminals	2	●	1		920 245 ¹⁾	150
			Screw terminals	4		2		926 342 ¹⁾	156
			Screw terminals	2		2		926 242 ¹⁾	157
			Screw terminals	4		2		926 345 ¹⁾	156
			Screw terminals	2		2		926 245 ¹⁾	157
CAN bus (data line only)			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
			LSA	20		1		907 401 +907 465 +907 498	177 179
C bus (Honeywell)			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
CCP systems Sensor circuit			Screw terminals	2		1		918 421	174
Anode circuit			Screw terminals	2		1		918 420	174

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158


































































































Bus systems and measuring and control equipment

Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck	SPD class TYPE	SPD	Part No.	Page
Control Net			BNC	1		2		929 010	202
			BNC	1		2		909 710 / 711	202
DALI Bus			Screw terminals	2	●	1		920 244 ¹⁾	150
			Screw terminals	2		2		926 244 ¹⁾	157
Data Highway Plus			Screw terminals	4	●	1		920 342 ¹⁾	148
			Screw terminals	2	●	1		920 242 ¹⁾	150
			Screw terminals	4		2		926 342 ¹⁾	156
			Screw terminals	2		2		926 242 ¹⁾	157
			Spring terminals	2		2		917 940	166
d.c. power supply up to 60 V d.c.			Screw terminals	2		3		918 422	172
			Screw terminals	2		1		918 408	172
			Screw terminals	2		1		918 409	172
Delta Net Peer Bus			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
			Spring terminals	2		2		917 970	166
Device Net (data line only)			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
DMX bus (lighting technology)			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
Dupline			Screw terminals	4	●	1		920 243 ¹⁾	152
E bus (Honeywell)			Screw terminals	4	●	1		920 345 ¹⁾	148
			Screw terminals	2	●	1		920 245 ¹⁾	150
			Screw terminals	4		2		926 345 ¹⁾	156
			Screw terminals	2		2		926 245 ¹⁾	157
EIB			Screw terminals	4	●	1		920 310 ¹⁾	147
			Screw terminals	2	●	1		920 211 ¹⁾	151
			Wires	2		2		925 001	198
			LSA	20		1		907 401	177

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158

Bus systems and measuring and control equipment

Schnittstelle / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck 	SPD class TYPE	SPD 	Part No.	Page
Electroacoustic system			Screw terminals	4	●	1		920 347 ¹⁾	148
			Screw terminals	4		2		926 347 ¹⁾	156
			Spring terminals	2		1		928 430	170
			LSA	20		1		907 401 + 907 445 + 907 498	177 179
ET 200			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
			Spring terminals	2		2		917 970	166
Ex(d) circuits 4-20 mA, NAMUR, HART, PROFIBUS-PA, F			Wires	2		2		929 962 / 964	187
			Wires	4		2		929 950 / 951	188
Ex (i) circuits			Screw terminals	4	●	2		920 381 ²⁾	159
			Screw terminals	4	●	2		920 538 ²⁾	159
			Screw terminals	2	●	2		920 280 ²⁾	160
			Screw terminals	2		2		920 383 ²⁾	160
			Spring terminals	2		2		917 960	167
			Wires / terminals	2		2		929 960	187
			Wires	2		2		929 961 / 963	187
			Wires	4		2		929 950 / 951	188
			Screw terminals	4	●	2		989 408	160
Fieldbus Foundation			Screw terminals	4	●	1		920 344 ¹⁾	148
			Screw terminals	2	●	1		920 244 ¹⁾	150
			Screw terminals	4		2		926 344 ¹⁾	156
			Screw terminals	2		2		926 244 ¹⁾	157
			Spring terminals	2		2		917 941	166
			Wires / terminals	2		2		929 941	186
			LSA	20		1		907 401 + 907 442 + 907 498	177 179
			Screw terminals	4	●	2		920 381 ²⁾	159
Fieldbus Foundation Ex (i)			Screw terminals	4	●	2		920 538 ²⁾	159
			Screw terminals	2	●	2		920 280 ²⁾	159
			Screw terminals	2		2		920 383 ²⁾	160
			Spring terminals	2		2		917 960	167
			Wires / terminals	2		2		929 960	187
			Wires	2		2		929 961 / 963	187
			Wires	2		2		929 971	187
			Wires	4		2		929 950 / 951	188
			Screw terminals	4	●	2		989 408	160

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

















































































²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158

Bus systems and measuring and control equipment

Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck	SPD class TYPE	SPD	Part No.	Page
FIPIO/FIPWAY			Screw terminals	4	●	1		920 344 ¹⁾	148
			Screw terminals	2	●	1		920 244 ¹⁾	150
			Screw terminals	4		2		926 344 ¹⁾	156
			Screw terminals	2		2		926 244 ¹⁾	157
FIP I/O			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
FSK 			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
Genius I/O Bus			Screw terminals	4	●	1		920 342 ¹⁾	148
			Screw terminals	2	●	1		920 242 ¹⁾	150
			Screw terminals	4		2		926 342 ¹⁾	156
			Screw terminals	2		2		926 242 ¹⁾	157
IEC bus (RS485) 			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
Industrial Ethernet			LSA	20		1		907 401 + 907 470 + 907 498	177 179
			RJ45	4 x 2		2		929 100	191
			RJ45	4 x 2		2		929 121	192
			RJ45	4 x 2		2		929 126	192
			RJ45, LSA / RJ45	8 x 8		3		929 035 / 036	193
			RJ45	8 x 8		4		929 037	193
			RJ45	4		2		909 321	197
INTERBUS-INLINE (I/O) 			Screw terminals	4	●	1		920 345 ¹⁾	148
			Screw terminals	4	●	1		920 325 ¹⁾	148
			Screw terminals	4		2		926 345 ¹⁾	156
			Screw terminals	4		2		926 325 ¹⁾	155
INTERBUS-Loop			Spring terminals	2		3		917 988	166
Interbus INLINE remote bus 			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Screw terminals	5		2		918 401	172

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146
²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158




















































































Bus systems and measuring and control equipment

Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck 	SPD class TYPE	SPD 	Part No.	Page
K bus			Screw terminals	4	●	1		920 344 ¹⁾	148
			Screw terminals	2	●	1		920 244 ¹⁾	150
			Screw terminals	4		2		926 344 ¹⁾	156
			Screw terminals	2		2		926 244 ¹⁾	157
			Spring terminals	2		2		917 941	166
KBR energy bus			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
			Spring terminals	2		2		917 970	166
KNX bus			Screw terminals	4	●	1		920 310 ¹⁾	147
			Screw terminals	2	●	1		920 211 ¹⁾	151
			Wires	2		2		925 001	198
			LSA	20		1		907 401	177
LON – TP/XF 78 – TP/FTT10 (up to 1 A) and TP/LPT10 (up to 1 A) (up to 1.7 A) (up to 0.4 A) – TP/FTT 10			Screw terminals	4	●	1		920 340 ¹⁾	148
			Screw terminals	2	●	1		920 240 ¹⁾	150
			Screw terminals	4		2		926 340 ¹⁾	156
			Screw terminals	2		2		926 240 ¹⁾	157
			Screw terminals	4	●	1		920 345 ¹⁾	148
			Screw terminals	2	●	1		920 245 ¹⁾	150
			Screw terminals	4		2		926 345 ¹⁾	156
			Screw terminals	2		2		926 245 ¹⁾	157
			Spring terminals	2		2		917 942	166
			LSA	20		1		907 401 + 907 443 + 907 498	177 179
			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
LUXMATE bus 			Screw terminals	4	●	1		920 344 ¹⁾	148
			Screw terminals	2	●	1		920 244 ¹⁾	150
			Screw terminals	4		2		926 344 ¹⁾	156
			Screw terminals	2		2		926 244 ¹⁾	157
M bus 			Screw terminals	4	●	1		920 345 ¹⁾	148
			Screw terminals	2	●	1		920 245 ¹⁾	150
			Screw terminals	4		2		926 345 ¹⁾	156
			Screw terminals	2		2		926 245 ¹⁾	157
			Spring terminals	2		2		917 942	166
			LSA	20		1		907 401 + 907 443 + 907 498	177 179
Melsec Net 2			BNC	1		2		929 010	204
			BNC	1		2		909 710 / 711	204

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146




























































































²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158

Bus systems and measuring and control equipment

Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck 	SPD class TYPE	SPD 	Part No.	Page
MODBUS 			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
			LSA	20		1		907 401 + 907 465 + 907 498	177 179
MPI bus 			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
N1 LAN			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
			Spring terminals	2		2		917 970	166
			BNC	1		2		909 710 / 711	204
N2 bus (Johnson Controls, LON, FTT 10)			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
Optocoupler interface			Screw terminals	4	●	1		920 364 ¹⁾	149
			Screw terminals	4		2		918 400	171
Procontic CS31 (RS232)			Screw terminals	4	●	1		920 322 ¹⁾	148
			Screw terminals	4		2		926 322 ¹⁾	155
Procontic T200 (RS422) 			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	5		2		918 401	172
PROFIBUS-DP/FMS			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			9-pin SUB-D	4		4		924 017	209
			Spring terminals	2		2		917 970	166
			LSA	20		1		907 401 + 907 465 + 907 498	177 179

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146
²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158




















































































Bus systems and measuring and control equipment

Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck	SPD class TYPE	SPD	Part No.	Page
			Screw terminals	4	●	1		920 344 ¹⁾	148
			Screw terminals	2	●	1		920 244 ¹⁾	150
			Screw terminals	4	●	2		926 344 ¹⁾	156
			Screw terminals	2	●	2		926 244 ¹⁾	157
			Spring terminals	2		2		917 941	166
			Wires / terminals	2		2		929 941	186
			LSA	20		1		907 401 + 907 442 + 907 498	177 179
PROFIBUS-PA Ex (i)			Screw terminals	4	●	2		920 381 ²⁾	159
			Screw terminals	2	●	2		920 538 ²⁾	159
			Screw terminals	2	●	2		920 280 ²⁾	159
			Screw terminals	2	●	2		920 383 ²⁾	160
			Spring terminals	2		2		917 960	167
			Wires / terminals	2		2		929 960	187
			Wires	2		2		929 961 / 963	187
			Wires	4		2		929 950 / 951	188
			Screw terminals	4	●	2		989 408	160
			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4	●	2		926 371 ¹⁾	157
			Screw terminals	2	●	2		926 271 ¹⁾	157
			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	4	●	2		926 371 ¹⁾	157
			Screw terminals	5		2		918 401	172
			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4	●	2		926 371 ¹⁾	157
			Screw terminals	2	●	2		926 271 ¹⁾	157
			Screw terminals	5		2		918 401	172
			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4	●	2		926 371 ¹⁾	157
			Screw terminals	2	●	2		926 271 ¹⁾	157
			Screw terminals	5		2		918 401	172
			Screw terminals	4	●	1		920 340 ¹⁾	148
			Screw terminals	2	●	1		920 240 ¹⁾	150
			Screw terminals	4	●	2		926 340 ¹⁾	156
			Screw terminals	2	●	2		926 240 ¹⁾	157
			Spring terminals	2		2		917 970	166

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146









































































²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158

Bus systems and measuring and control equipment

Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck 	SPD class TYPE	SPD 	Part No.	Page
			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	4	●	2		920 538 ²⁾	159
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	2		2		926 271 ¹⁾	157
			Screw terminals	5		2		918 401	172
			Spring terminals	2		2		917 970	166
			Wires	2		2		929 971	187
			LSA	20		1		907 401 + 907 465 + 907 498	177 179
			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Screw terminals	5		2		918 401	172
			Spring terminals	2		2		917 970	166
			LSA	20		1		907 401 + 907 465 + 907 498	177 179
S bus			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
			Spring terminals	2		2		917 970	166
SafetyBUS p 			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
			Spring terminals	2		2		917 970	166
SDLC			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
			Spring terminals	2		2		917 970	166
SDLS			RJ45, screw terminals	4	●	2		918 410	173
			LSA	20	●	1		907 401 + 907 423 + 907 498	177 179
Securilan-LON-Bus (LONWORKS technology Standard bus based on Echelon)			Screw terminals	4	●	1		920 340 ¹⁾	148
			Screw terminals	2	●	1		920 240 ¹⁾	150
			Screw terminals	4		2		926 340 ¹⁾	156
			Screw terminals	2		2		926 240 ¹⁾	157
			Spring terminals	2		2		917 970	166

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146
²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158



































Bus systems and measuring and control equipment

Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck 	SPD class TYPE	SPD 	Part No.	Page
SIGMASYS (Siemens fire alarm system)			Screw terminals	4	●	1		920 345 ¹⁾	148
			Screw terminals	2	●	1		920 245 ¹⁾	150
			Screw terminals	4	●	1		920 325 ¹⁾	148
			Screw terminals	2	●	1		920 225 ¹⁾	151
			Screw terminals	4		2		926 345 ¹⁾	156
			Screw terminals	2		2		926 245 ¹⁾	157
			Screw terminals	4		2		926 325 ¹⁾	155
			Screw terminals	2		2		926 225 ¹⁾	156
			LSA	20		1		907 401 + 907 423 + 907 498	177 179
SINEC L1			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
SINEC L2			Screw terminals	4	●	1		920 370 ¹⁾	149
			Screw terminals	2	●	1		920 270 ¹⁾	150
			Screw terminals	4		2		926 370 ¹⁾	156
			Screw terminals	2		2		926 270 ¹⁾	157
			Spring terminals	2		2		917 970	166
			9-pin SUB-D	4		4		924 017	209
SS97 SIN/X (RS 232)			Screw terminals	4	●	1		920 322 ¹⁾	148
			Screw terminals	2	●	1		920 222 ¹⁾	151
			Screw terminals	4		2		926 322 ¹⁾	155
			Screw terminals	2		2		926 222 ¹⁾	156
SUCONET 			Screw terminals	4	●	1		920 371 ¹⁾	149
			Screw terminals	2	●	1		920 271 ¹⁾	151
			Screw terminals	4		2		926 371 ¹⁾	157
			Screw terminals	2		2		926 271 ¹⁾	157
Temperature measurement PT 100, PT 1000, Ni 1000, NTC, PTC			Screw terminals	4	●	1		920 354 ¹⁾	149
			Screw terminals	4	●	1		920 322 ¹⁾	148
			Screw terminals	2	●	1		920 222 ¹⁾	151
			Screw terminals	4		2		926 322 ¹⁾	155
			Screw terminals	2		2		926 222 ¹⁾	156
			Spring terminals	2		2		917 920	166
Temperature measurement Ex (i) PT 100, PT 1000 Ni 1000, NTC, PTC			Screw terminals	4	●	2		920 384 ²⁾	159

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158




































































Bus systems and measuring and control equipment

Interface / Signal	For mounting on	Ex	Connection system	Protected lines	LifeCheck 	SPD class TYPE	SPD 	Part No.	Page
TTL			Screw terminals	4	●	1		920 322 ¹⁾	148
			Screw terminals	2	●	1		920 222 ¹⁾	151
			Screw terminals	4		2		926 322 ¹⁾	155
			Screw terminals	2		2		926 222 ¹⁾	156
			Spring terminals	2		2		917 920	166
			9-pin SUB-D	9		4		924 019	209
TTY			Screw terminals	4	●	1		920 364 ¹⁾	149
			Screw terminals	4	●	1		920 362 ¹⁾	149
			Screw terminals	4		2		918 400	171
TTY 4 – 20 mA			Screw terminals	4	●	1		920 324 ¹⁾	148
			Screw terminals	2	●	1		920 224 ¹⁾	151
			Screw terminals	4		2		926 324 ¹⁾	155
			Screw terminals	2		2		926 224 ¹⁾	156
			Spring terminals	2		2		917 921	166
			Spring terminals	2		3		917 988	166
			Wires / terminals	2		2		929 921	186

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158











































































Telecommunications, telephone systems

Interface / Signal	For mounting on	Connection system	Protected lines	LifeCheck	SPD class TYPE	SPD	Part No.	Page
		LSA	20		1		907 401 + 907 430 + 907 498	177 179
		RJ45, LSA / RJ45	8 x 2		2		929 071 / 072	193
		Screw terminals	4	●	1		920 347 ¹⁾	148
		Screw terminals	4		2		926 347 ¹⁾	156
		RJ45, screw terminals	2		2		918 411	173
		TAE, RJ12	2		2		909 310	197
		Spring terminals / RJ45	2		2		929 230	194
		Spring terminals	2		1		922 210	200
		Screw terminals	4	●	1		920 347 ¹⁾	148
		Screw terminals	2	●	1		920 247 ¹⁾	150
		Screw terminals	4		2		926 347 ¹⁾	156
		Screw terminals	2		2		926 247 ¹⁾	157
		LSA	20		1		907 401 + 907 430 + 907 498	177 179
		TAE, RJ12	2		2		909 310	197
		RJ45, LSA / RJ45	8 x 2		2		929 071 / 072	193
		RJ45, screw terminals	2		2		918 411	173
		Spring terminals / RJ45	2		2		929 230	194
		Spring terminals	2		1		922 210	200
		LSA	20		1		907 401 + 907 430 + 907 498	177 179
		Screw terminals	4	●	1		920 347 ¹⁾	148
		Screw terminals	4		2		926 347 ¹⁾	156
		Spring terminals	2		1		922 210	200
Datex-P		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
E1		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		LSA	20		1		907 401 + 907 470 + 907 498	177 179
		LSA / RJ45	8 x 4		2		929 075	194
		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
G.703 coax		1.6/5.6 connector	1		3		929 040	206

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158













































































Telecommunications, telephone systems

Interface / Signal	For mounting on	Connection system	Protected lines	LifeCheck	SPD class TYPE	SPD	Part No.	Page
G.703 / G.704		IPC terminals	2		2		907 214	180
		LSA / RJ45	8 x 4		2		929 075	194
		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		LSA	20		1		907 401 + 907 470 + 907 498	177 179
		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
HDSL		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
		LSA	20		1		907 401 + 907 470 + 907 498	177 179
		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		LSA / RJ45	8 x 4		2		929 075	194
IP telephone		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		RJ45	8 x 8		4		929 037	193
		RJ45	4		2		909 321	197
		Spring terminals	2		1		922 210	200
ISDN S ₀		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
		RJ45	4		2		929 024	201
		LSA	20		1		907 401 + 907 470 + 907 498	177 179
		RJ45	4		2		909 320	197
		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		RJ45, screw terminals	4		2		918 410	173
ISDN S _{2m} / U _{2m}		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
		LSA	20		1		907 401 + 907 470 + 907 498	177 179
		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		LSA / RJ45	8 x 4		2		929 075	194



¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146
²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158











































































Telecommunications, telephone systems

Interface / Signal	For mounting on	Connection system	Protected lines	LifeCheck	SPD class TYPE	SPD	Part No.	Page
 ISDN U _{K0} / U _{P0}		Screw terminals	4	●	1		920 347 ¹⁾	148
		Screw terminals	2	●	1		920 247 ¹⁾	150
		Screw terminals	4		2		926 347 ¹⁾	156
		Screw terminals	2		2		926 247 ¹⁾	157
		LSA	20		1		907 401 + 907 430 + 907 498	177 179
		RJ45, LSA / RJ45	8 x 2		2		929 071 / 072	193
		TAE, RJ12	2		2		909 310	197
		RJ45, screw terminals	2		2		918 411	173
		Spring terminals / RJ45	10 x 2		2		929 230	194
		Spring terminals	2		1		922 210	200
Modem M1		Screw terminals	4	●	1		920 322 ¹⁾	148
		Screw terminals	2	●	1		920 222 ¹⁾	151
		Screw terminals	4		2		926 322 ¹⁾	155
		Screw terminals	2		2		926 222 ¹⁾	156
 SDSL		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		LSA	20		1		907 401 + 907 470 + 907 498	177 179
		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
		LSA / RJ45	8 x 4		2		929 075	194
 SHDSL		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		LSA	20		1		907 401 + 907 470 + 907 498	177 179
		Screw terminals	4	●	1		920 310 ¹⁾	147
		Screw terminals	2	●	1		920 211 ¹⁾	151
		LSA / RJ45	8 x 4		2		929 075	194
 Telephones System telephones e.g. Siemens, HICOM, Alcatel		Screw terminals	2	●	1		920 247 ¹⁾	150
		Screw terminals	2		2		926 247 ¹⁾	157
		RJ45, RJ11	4		2		929 028	202
		RJ12	2		2		929 081	202
		LSA	20		1		907 401 + 907 422 + 907 498	177 179
		LSA	20		1		907 401 + 907 445 + 907 498	177 179

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158


































































Telecommunications, telephone systems

Interface / Signal	For mounting on	Connection system	Protected lines	LifeCheck	SPD class TYPE	SPD	Part No.	Page
... Part 2/2 ... Telephones System telephones e.g. Siemens, HICOM, Alcatel 		RJ45, LSA / RJ45	8 x 2		2		929 071 / 072	193
		TAE, RJ12	2		2		909 310	197
		RJ45, screw terminals	2		2		918 411	173
		Spring terminals / RJ45	10 x 2		2		929 230	194
		Spring terminals	2		1		922 210	200
T-DSL 		Screw terminals	4	●	1		920 347 ¹⁾	148
		Screw terminals	2	●	1		920 247 ¹⁾	150
		Screw terminals	4		2		926 347 ¹⁾	156
		Screw terminals	2		2		926 247 ¹⁾	157
		LSA	20		1		907 401 + 907 430 + 907 498	177 179
		TAE, RJ12	2		2		909 310	197
		RJ45, LSA / RJ45	8 x 2		2		929 071 / 072	193
		RJ45, screw terminals	2		2		918 411	173
		Spring terminals / RJ45	10 x 2		2		929 230	194
		Spring terminals	2		1		922 210	200
Telecommunication systems 		LSA	20		1		907 401 + 907 430 + 907 498	177 179
		RJ45, LSA / RJ45	8 x 2		2		929 071 / 072	193
		Screw terminals	4	●	1		920 347 ¹⁾	148
		Screw terminals	4		2		926 347 ¹⁾	156
		RJ45, screw terminals	2		2		918 411	173
		TAE, RJ12	2		2		909 310	197
		Spring terminals / RJ45	10 x 2		2		929 230	194
Universal lightning equipotential bonding		Screw terminals	4	●	1		920 310 ¹⁾	147
		Screw terminals	2	●	1		920 211 ¹⁾	151
		LSA	20		1		907 400	177
		LSA	20		1		907 401	177
		IPC terminals	20		2		907 214	180
		IPC terminals	20		2		907 216	180
VDSL 		LSA	20		1		907 401	177
		Screw terminals	4	●	1		920 310 ¹⁾	147
		Screw terminals	2	●	1		920 211 ¹⁾	151
		Spring terminals	2		1		922 210	200
VDSL2		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
		Spring terminals	2		1		922 210	200

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146
²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158

Easy Choice according to Interface / Signal

Data networks






















































Interface / Signal	For mounting on	Connection system	Protected lines	LifeCheck 	SPD class TYPE	SPD	Part No.	Page
Arcnet		BNC	1		2		929 010	204
		BNC	1		2		909 710 / 711	204
ATM		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		RJ45, LSA / RJ45	8 x 8		3		929 035 / 036	193
		RJ45	8 x 8		4		929 037	193
		RJ45	4		2		909 321	197
Ethernet 10/100/1000 10 Base T		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		RJ45, LSA / RJ45	8 x 8		3		929 035 / 036	193
		RJ45	8 x 8		4		929 037	193
		RJ45	4		2		909 321	197
		RJ45	4		2		909 320	197
		LSA	20		1		907 401 +907 470 +907 498	177 179
FDDI, CDDI		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		RJ45, LSA / RJ45	8 x 8		3		929 035 / 036	193
		RJ45	8 x 8		4		929 037	193
		RJ45	4		2		909 321	197
Industrial Ethernet		LSA	20		1		907 401 +907 470 +907 498	177 179
		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		RJ45, LSA / RJ45	8 x 8		3		929 035 / 036	193
		RJ45	8 x 8		4		929 037	193
		RJ45	4		2		909 321	197
Power over Ethernet PoE		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158

Easy Choice according to Interface / Signal











































































Data networks

Interface / Signal	For mounting on	Connection system	Protected lines	LifeCheck 	SPD class TYPE	SPD	Part No.	Page
Token Ring		LSA	20		1		907 401 + 907 470 + 907 498	177 179
		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		RJ45, LSA / RJ45	8 x 8		3		929 035 / 036	193
		RJ45	8 x 8		4		929 037	193
		RJ45	4		2		909 321	197
V 24 (RS232 C)		Screw terminals	4		1		920 322 ¹⁾	148
		Screw terminals	4		2		926 322 ¹⁾	155
		Spring terminals	2		2		917 921	166
		LSA	20		1		907 401 + 907 421 + 907 498	177 179
		9-pin SUB-D	9		4		924 019	209
VG-AnyLAN		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		RJ45, LSA / RJ45	8 x 8		3		929 035 / 036	193
		RJ45	8 x 8		4		929 037	193
		RJ45	4		2		909 321	197
Voice over IP		Screw terminals	4	●	1		920 375 ¹⁾	149
		Screw terminals	4		2		926 375 ¹⁾	157
		RJ45	4 x 2		2		929 100	191
		RJ45	4 x 2		2		929 121	192
		RJ45	4 x 2		2		929 126	192
		RJ45	8 x 8		4		929 037	193
		RJ45	4		2		909 321	197
		Spring terminals	2		1		922 210	200

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158









































































Antenna systems, broadband systems, transmitting and receiving systems, video systems

Interface / Signal	For mounting on	Connection system	Protected lines	Frequency range	SPD class TYPE	SPD	Part No.	Page
AMPS, NADAC (824 – 894 MHz)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		BNC	1	d.c. – 1 GHz	1		929 043	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	d.c. – 2.5 GHz	1		929 045	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		929 146	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		929 148	207
BWA (Broadband Wireless Access)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	2,0 – 6,0 GHz	1		929 059	207
CATV (cable TV)		F connector	1	d.c., 5 – 2400 MHz	1		909 705	205
		IEC/F connector	1	d.c. – 2400 MHz	2		909 300	196
DCF 77		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		BNC	1	d.c. – 1 GHz	1		929 043	206
		Screw terminals	2	d.c. – 2.8 MHz	1		920 242 ¹⁾	150
		Screw terminals	2	d.c. – 2.8 MHz	2		926 242 ¹⁾	157
DCS 1800 B162 (1710 – 1880 MHz)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	d.c. – 2.5 GHz	1		929 045	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		929 146	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		929 148	207
GPS (1565 – 1585 MHz)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	d.c. – 2.5 GHz	1		929 045	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		929 146	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		929 148	207
GSM 900, GSMR (876 – 960 MHz)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		BNC	1	d.c. – 1 GHz	1		929 043	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	d.c. – 2.5 GHz	1		929 045	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		929 146	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		929 148	207

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158



















































Antenna systems, broadband systems, transmitting and receiving systems, video systems

Interface / Signal	For mounting on	Connection system	Protected lines	Frequency range	SPD class TYPE	SPD	Part No.	Page
LTE (698 – 2690 MHz)		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		929 146	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		929 148	207
PCS 1900 (1850 – 1990 MHz)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	d.c. – 2.5 GHz	1		929 045	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		929 146	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		929 148	207
Radio systems		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		BNC	1	d.c. – 1 GHz	1		929 043	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	d.c. – 2.5 GHz	1		929 045	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		929 146	206
		7/16 connector	1	380 – 512 MHz	1		929 047	207
		7/16 connector	1	690 MHz – 2.7 GHz	1		929 148	207
SAT		F connector	1	d.c., 5 – 2400 MHz	1		909 705	205
		F connector	1	d.c., 5 – 3000 MHz	3		909 703	205
		F connector	1	d.c. – 2400 MHz	1		909 704	205
Sky DSL		F connector	1	d.c., 5 – 2400 MHz	1		909 705	205
TETRA, NMT 450 (380 – 512 MHz)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		BNC	1	d.c. – 1 GHz	1		929 043	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	d.c. – 2.5 GHz	1		929 045	206
		7/16 connector	1	380 – 512 MHz	1		929 047	207
TV		F connector	1	d.c., 5 – 3000 MHz	3		909 703	205
		F connector	1	d.c. – 2400 MHz	1		909 704	205
		F connector	1	d.c., 5 – 2400 MHz	1		909 705	205
		IEC/F connector	1	d.c. – 2400 MHz	2		909 300	196
UMTS		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	d.c. – 2.5 GHz	1		929 045	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		929 146	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		929 148	207

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158

Antenna systems, broadband systems, transmitting and receiving systems, video systems

Interface / Signal	For mounting on	Connection system	Protected lines	Frequency range	SPD class TYPE	SPD	Part No.	Page
Video (two-wire) 		Screw terminals	4	d.c. – 100 MHz	1		920 371 ¹⁾	149
		Screw terminals	2	d.c. – 100 MHz	1		920 271 ¹⁾	151
		Screw terminals	4	d.c. – 100 MHz	2		926 371 ¹⁾	157
		Screw terminals	2	d.c. – 100 MHz	2		926 271 ¹⁾	157
		RJ45	4 x 2	d.c. – 250 MHz	2		929 100	191
		RJ45	4 x 2	d.c. – 250 MHz	2		929 121	192
		RJ45	4 x 2	d.c. – 250 MHz	2		929 126	192
		Screw terminals	2	d.c. – 100 MHz	1		920 270 ¹⁾	150
		Screw terminals	2	d.c. – 100 MHz	2		926 270 ¹⁾	157
		RJ45	4		2		909 321	197
		LSA	20	d.c. – 90 MHz	1		907 401 +907 465 +907 498	177 179
Video digital (IP camera)		RJ45	4 x 2	d.c. – 250 MHz	2		929 100	191
		RJ45	4 x 2	d.c. – 250 MHz	2		929 121	192
		RJ45	4 x 2	d.c. – 250 MHz	2		929 126	192
Video analogue (coax)		BNC	1	d.c. – 300 MHz	2		929 010	204
		BNC	1	0 – 300 MHz	2		909 710 / 711	204
		BNC		d.c. – 100 MHz	2		 928 440	170
WiMax		N connector	1	2.0 – 6.0 GHz	1		929 059	207
WLAN (2.4 GHz band)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
WLAN (5 GHz band)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	2.0 – 6.0 GHz	1		929 059	207



BLITZDUCTOR® XTU / DEHNbox actiVsense®

Universal lightning current / surge arrester with actiVsense® technology

- Automatically detects the operating voltage
- Optimally adapts the voltage protection level to the voltage currently applied

Application:

- Suitable for the vast majority of applications in information technology systems
 - Ideally suited for telecommunications systems, bus systems as well as measuring and control equipment
- ⇒ The nominal current of the SPD is limited to 100 mA, allowing the device to be used in the vast majority of information technology systems. In some applications where the signal line is also used for power supply the current may exceed 100 mA.
- ⇒ All signals are transmitted with signal frequencies up to 50 MHz.
- ⇒ In bus systems the SPD can be used for applications based on RS485 / RS422 interfaces (not RS232).

For more detailed information, please refer to page 153 (BXTU) and page 199 (DBX).

¹⁾ with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146

²⁾ with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158