



BOSCH

Invented for life

Spare parts Overview 2018

Engineered Solution & Software

Valid from 1st July 2018 in North America.

DURABLE AND RELIABLE: OUR SPARE PARTS SERVICE

We have the appropriate genuine Bosch spare part for every device – high quality, with precise processing, and a perfect fit every time. Even when we stop production, spare parts are usually still available for an additional five years.

SPARE PARTS SERVICE

Contact information:

E-mail: Repair@us.bosch.com

Tel.: 800-289-0096, option 5

Fax: 800-366-1329

Business hours:

Monday to Friday 7:30 – 5:30 CST

Contact address:

Bosch Building Technologies
8601 E Cornhusker Hwy
Lincoln, NE 68507
USA

Further spare parts on request.

Please note that there is a transportation fee.

Our general terms and conditions apply.

For further information please contact the spare parts desk.

This document, as well as the data, specifications and other information included, are the exclusive property of Bosch Building Technologies.

Subject to change.

INDEX

ACCESS MODULAR CONTROLLER

Wiegand Reader Controllers	3
Bus Reader Controllers	4
I/O Extensions	4 - 5

ACCESS EASY CONTROLLER

Controller and Extensions	5
Reader- and I/O boards	6
Accessories	6

UGM

UGM 2040	6 - 8
UGM 2020	8 - 11

SECURITY ESCORT

Security Escort Products	11
--------------------------	----

Access Control Systems

ACCESS MODULAR CONTROLLER

SPARE PARTS USED IN WIEGAND READER CONTROLLERS

MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
F.01U.266.130	S-PCB F01U009594	SPA AMC2 Top PCBA Assembly
F.01U.266.131	S-PCB F01U009592	SPA AMC2 Bottom PCBA Assembly
F.01U.310.792	S-F01U310792	SPP µSD card 2GB
F.01U.214.941	S-F01U214941	SPP Compact Flash Card 2GB AMC
F.01U.214.920	S-F01U214920	SPP IC AX88796L ETHERNET CONTROLLER
F.01U.214.932	S-F01U214932	SPP TOP PART COMPLETE Wiegand CPU AMC/2
F.01U.214.926	S-F01U214926	SPP IC uC PIC16F876A SSOP28
F.01U.140.310	S-F01U011969	SPP Screw Terminal 3pole 3,5mm
F.01U.214.918	S-F01U214918	SPP DISPLAY LCD 1x16
F.01U.052.223	S-5322 130 10876	SPP LED Green HSMG-C150 SMD
F.01U.214.927	S-F01U214927	SPP RELAY DPDT 5V SMT
F.01U.214.924	S-F01U214924	SPP Battery Non Rech 3V 210mAh CR2032PCB
F.01U.079.359	S-F01U079359	SPP Diode Schottky Rect. MBRD660CT TO252
F.01U.214.921	S-F01U214921	SPP OPTO COUPLER PC457
F.01U.214.923	S-F01U214923	SPP CONNECTOR 10P M 3.5mm right angle
F.01U.214.925	S-F01U214925	SPP Fuse 172876 normal 125V 0,5A1
F.01U.214.919	S-F01U214919	SPP DIODE SUPP SM6T6V8A D0214AA
F.01U.214.940	S-F01U214940	SPP DIODE SUPP SM6T36CA D0214AA

SPARE PARTS USED IN **BUS READER CONTROLLERS**

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.266.130	S-PCB F01U009594	SPA AMC2 Top PCBA Assembly
	F.01U.214.941	S-F01U214941	SPP Compact Flash Card 2GB AMC
	F.01U.269.025	S-F01U269025	SPP Relay DPDT 12V 1028OHM-SM (10pcs)
	F.01U.214.920	S-F01U214920	SPP IC AX88796L ETHERNET CONTROLLER
	F.01U.140.310	S-F01U011969	SPP Screw Terminal 3pole 3,5mm
	F.01U.214.918	S-F01U214918	SPP DISPLAY LCD 1x16
	F.01U.052.223	S-5322 130 10876	SPP LED Green HSMG-C150 SMD
	F.01U.214.927	S-F01U214927	SPP RELAY DPDT 5V SMT
	F.01U.302.612	S-D352197	SPP Diode uni LL4148 SOD80 (100pcs)
	F.01U.214.924	S-F01U214924	SPP Battery Non Rech 3V 210mAh CR2032PCB
	F.01U.079.359	S-F01U079359	SPP Diode Schottky Rect. MBRD660CT TO252
	F.01U.214.921	S-F01U214921	SPP OPTO COUPLER PC457
	F.01U.214.923	S-F01U214923	SPP CONNECTOR 10P M 3.5mm right angle
	F.01U.214.919	S-F01U214919	SPP DIODE SUPP SM6T6V8A D0214AA
	F.01U.214.940	S-F01U214940	SPP DIODE SUPP SM6T36CA D0214AA

SPARE PARTS USED IN **I/O EXTENSIONS**

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.266.130	S-PCB F01U009594	SPA AMC2 Top PCBA Assembly
	F.01U.214.941	S-F01U214941	SPP Compact Flash Card 2GB AMC
	F.01U.269.025	S-F01U269025	SPP Relay DPDT 12V 1028OHM-SM (10pcs)
	F.01U.214.920	S-F01U214920	SPP IC AX88796L ETHERNET CONTROLLER
	F.01U.140.310	S-F01U011969	SPP Screw Terminal 3pole 3,5mm

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.214.918	S-F01U214918	SPP DISPLAY LCD 1x16
	F.01U.052.223	S-5322 130 10876	SPP LED Green HSMG-C150 SMD
	F.01U.214.927	S-F01U214927	SPP RELAY DPDT 5V SMT
	F.01U.302.612	S-D352197	SPP Diode uni LL4148 SOD80 (100pcs)
	F.01U.214.924	S-F01U214924	SPP Battery Non Rech 3V 210mAh CR2032PCB
	F.01U.079.359	S-F01U079359	SPP Diode Schottky Rect. MBRD660CT TO252
	F.01U.214.921	S-F01U214921	SPP OPTO COUPLER PC457
	F.01U.214.919	S-F01U214919	SPP DIODE SUPP SM6T6V8A D0214AA
	F.01U.214.940	S-F01U214940	SPP DIODE SUPP SM6T36CA D0214AA

ACCESS EASY CONTROLLER

SPARE PARTS USED IN CONTROLLER AND EXTENSIONS

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.077.498	S-ADC-24972	SPA AEC MODULE CONTROLLER BOARD UL
	F.01U.134.842	S-AEC-4W-EXT	SPA AEC Extension Board 4 Wiegand
	F.01U.214.941	S-F01U214941	SPP Compact Flash Card 2GB AMC
	F.01U.269.009	S-AEC21 CF CARD	SPA SWA Compact Flash AEC2.1 Program
	F.01U.043.482	S-3922 156 33450	SPK Conn. Kit. CST-KPD > CST-KPD LBB4432
	F.01U.167.799	S-F01U134041	SPP TS Plug Female Plug-on 2-W (20pcs)
	F.01U.062.248	S-9336 559 60623	SPP IC LM339D Quad Comparator SO14
	F.01U.217.784	S-F01U088574	SPP STD pan M3X8mm
	F.01U.302.612	S-D352197	SPP Diode uni LL4148 SOD80 (100pcs)
	F.01U.079.359	S-F01U079359	SPP Diode Schottky Rect. MBRD660CT TO252

SPARE PARTS USED IN **READER- AND I/O BOARDS**

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.043.482	S-3922 156 33450	SPK Conn. Kit. CST-KPD > CST-KPD LBB4432
	F.01U.167.799	S-F01U134041	SPP TS Plug Female Plug-on 2-W (20pcs)
	F.01U.062.248	S-9336 559 60623	SPP IC LM339D Quad Comparator SO14
	F.01U.217.784	S-F01U088574	SPP STD pan M3X8mm
	F.01U.302.612	S-D352197	SPP Diode uni LL4148 SOD80 (100pcs)

SPARE PARTS USED IN **ACCESSORIES**

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.167.795	S-F01U100394	SPA AEC2.1 Module CPU Board
	F.01U.214.941	S-F01U214941	SPP Compact Flash Card 2GB AMC
	F.01U.269.009	S-AEC21 CF CARD	SPA SWA Compact Flash AEC2.1 Program
	F.01U.043.482	S-3922 156 33450	SPK Conn. Kit. CST-KPD > CST-KPD LBB4432
	F.01U.217.784	S-F01U088574	SPP STD pan M3X8mm

UGMSPARE PARTS USED IN **UGM 2040**

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.282.321	S-RAW F01U259031	SPP Fast Ethernet Switch 8 Port
	F.01U.282.338	S-RAW F01U173622	SPP Panel PC Kontron
	F.01U.282.330	S-RAW F01U169796	SPA Micro ETXexpress PC SU9300
	F.01U.282.339	S-RAW F01U249502	SPA Media Converter BlackBox
	F.01U.282.331	S-RAW F01U169665	SPA COM Express Module Atom 1,6
	F.01U.282.326	S-RAW F01U163400	SPA PCBA ASM MEC
	F.01U.282.324	S-RAW F01U215033	SPP Compact Flash 8GB CF-2032
	F.01U.282.327	S-RAW F01U162674	SPA PCBA ASM SCB
	F.01U.282.329	S-RAW F01U141207	SPA PCBA ASM PEC
	F.01U.282.325	S-RAW F01U215032	SPP Compact Flash 4GB CF-2032

MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
F.01U.282.332	S-RAW F01U214887	SPP SDRAM AW12M64F8BKF8S
F.01U.282.333	S-RAW F01U214884	SPP SDRAM 2 GB
F.01U.292.011	S-F01U292011	SPA PCBA CTCB UGM2040
F.01U.292.009	S-F01U292009	SPA PCBA DC24V
F.01U.292.010	S-F01U292010	SPA PCBA FOU1 UGM2040
F.01U.282.328	S-RAW F01U139165	SPA PCBA ASM MEC-C
F.01U.300.608	S-F01U300608	SPK Carrier & Cables for FOS UGM2040
F.01U.302.582	S-F01U302582	SPA Flat Cable PEC BE2040
F.01U.282.340	S-RAW F01U259401	SPP TOP Enclosure Front
F.01U.303.224	S-D359997	SPP TAPSCR panStblK30x8 torx1452(100pcs)
F.01U.297.830	S-F01U297830	SPA MCS 19 inch Front Plate varnished
F.01U.292.012	S-F01U292012	SPA PCBA ME UGM2040
F.01U.297.831	S-F01U297831	SPP MCX 19 inch Front Plate varnished
F.01U.297.832	S-F01U297832	SPA 19 inch Cover Plate UGM2040 Assy
F.01U.265.238	S-F01U265238	SPP Scr STD pan St NI M3x6 Torx (100pcs)
F.01U.282.336	S-RAW F01U139209	SPP Light Pipe 90° EL9526 (10pcs)
F.01U.282.342	S-RAW F01U259402	SPP TOP Enclosure back
F.01U.313.099	S-F01U313099	SPA Connector D-SUB Filter Adapter 9pole
F.01U.265.249	S-F01U265249	SPP TAPSCR Zn M3x8 torx (100pcs)
F.01U.265.251	S-F01U265251	SPP Washer NI 3,2x7x0,5 (100pcs)
F.01U.282.343	S-RAW F01U216147	SPP TOP Button Caps (10pcs)
F.01U.282.341	S-RAW F01U259403	SPP TOP Enclosure Bottom
F.01U.303.225	S-F01U303225	SPP Scr STDpanStbl M3x6 Torx7985(100pcs)
F.01U.140.310	S-F01U011969	SPP Screw Terminal 3pole 3,5mm

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.287.851	S-F01U287851	SPP FILT FER CORE Toroidal(25pcs)
	F.01U.303.084	S-F01U303084	SPP Scr STD st bl M3x10 torx1483 (50pcs)
	F.01U.282.323	S-RAW F01U261751	SPA Cable Blue 24V Ethernet Switch
	F.01U.282.322	S-RAW F01U261750	SPA Cable red 24V Ethernet Switch
	F.01U.282.335	S-RAW F01U167970	SPP Single Light Guide 90° EL9510(10pcs)
	F.01U.075.026	S-F01U016583	SPP IC SM M24C16-WMN6TP (ST00)
	F.01U.315.438	S-D358656	SPP Diode UNI Sch BAT54C SOT23 (100pcs)
	F.01U.132.937	S-F01U132937	SPP SWI TACT H 1P 2P (10pcs)
	F.01U.246.645	S-F01U246645	SPP Fuse Normal Slow 250V 10A 5x20mm
	F.01U.214.927	S-F01U214927	SPP RELAY DPDT 5V SMT
	F.01U.266.128	S-F01U266128	SPP Scr STD pan St NI M3x8 Torx (50pcs)
	F.01U.079.359	S-F01U079359	SPP Diode Schottky Rect. MBRD660CT TO252
	F.01U.317.700	S-D355989	SPP TAPSCR pan St NI M3x 5 Torx (100pcs)
	F.01U.214.923	S-F01U214923	SPP CONNECTOR 10P M 3.5mm right angle
	F.01U.112.694	D359705	SPP Washer .171 X .375 X .062T FLAT NYL
	F.01U.214.940	S-F01U214940	SPP DIODE SUPP SM6T36CA D0214AA

SPARE PARTS USED IN UGM 2020

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	4.998.105.942. C30	S-4998105942C30	SPA Thermoprinter DR2020T/AV UGM/BZ500
	F.01U.087.470	S-3802108673	SPA Display LCD COMPLETE BE2020
	F.01U.080.728	S-3102215604	SPP SHIELDING FOIL BE 2020
	F.01U.311.708	S-F01U311708	SPA PCBA GIF2
	F.01U.130.548	S-3802181530	SPA PCBA FUEM UGM 2020

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.245.912	S-UGM 3802197750	SPA KABELBAUM UGM 2020 ENERGIEVERSOR- GUNG
	F.01U.299.868	S-F01U299868	SPA PCBA NV110
	F.01U.081.188	S-3802108716	SPP Front Plate complete BE 2020
	F.01U.311.709	S-F01U311709	SPA PCBA UZI
	F.01U.321.152	S-F01U321152	SPP PSU SCU 2000 Serial Conversion Unit
	F.01U.080.737	S-3802181511	SPA PCBA BET
	F.01U.292.009	S-F01U292009	SPA PCBA DC24V
	F.01U.308.460	S-F01U308460	SPA LCD Modul 320x240 PCTRL2
	F.01U.283.252	S-RAW 3802180425	SPA IC-MOS PROG NV 110 LSN (4pcs)
	F.01U.081.186	S-3802108674	SPA SCHLUESSELSCHALTER BE2020 TMP SW
	F.01U.087.465	S-4998108640	SPA PRINTER COVER MOUNTED DR BE2020
	F.01U.299.869	S-F01U299869	SPP Housing Top BE2020 painted
	F.01U.112.101	D348306	SPP IC Volt Reg. LM317 LZ (100 pcs)
	3.802.181.617. C30	S-3802181617C30	SPA PCBA UESS3
	F.01U.081.187	S-3802108676	SPP SICHTFENSTER LACKDR BE 2020
	F.01U.308.461	S-F01U308461	SPA Display Touch Panel Analog
	F.01U.245.913	S-UGM 3802185948	SPA ENERGIEVERSORG KABEL UGM 2020
	F.01U.245.914	S-UGM 3802185949	SPA ENER VER KAB (ER-WEIT) UGM2020
	F.01U.311.196	S-F01U311196	SPA PCTRL2 Conn RJ45 SMT Magnetic w/LED
	F.01U.261.748	S-RAW3802181512C22	SPA PCBA MDA BE2020
	F.01U.080.739	S-3802192326	SPA IC MOS PROGRAMMED SP9 SP10 BE 2020
	F.01U.081.189	S-3802197885	SPP ISOLATION FILTER UGM

MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
F.01U.265.472	S-KEY CAPS BE2020	SPP BS TASTENKAPPEN BE 2020
F.01U.081.178	S-3202385360	SPP THUMB SCREW M5X6
F.01U.087.474	S-3802192327	SPA IC PROGRAMMED BEP SP7 SP8 BE2020
F.01U.087.469	S-F01U003075	SPP Screw STDZYL IN6KT DIN6912-M4X25-A1R
F.01U.098.287	S-F01U001107	SPP Sleeve for Security Seal NZ300
F.01U.087.468	S-F01U003074	SPP Screw STD IN6KT DIN6912-M4X16-A1R
F.01U.087.467	S-F01U003073	SPP Screw ZYL IN6KT DIN6912-M4X8-A1R
F.01U.311.193	S-F01U311193	SPA PCTRL2 Design Foil Standard
F.01U.311.194	S-F01U311194	SPA PCTRL2 Conn 14P 1mm SMT
F.01U.311.712	S-F01U311712	SPP Blende DR LACKIERT BE 2020
F.01U.100.269	S-4998137192	SPP Lock with Key for Main Panel Contr
F.01U.311.711	S-F01U311711	SPP Halte Blech Blender BE2020 (5pcs)
3.602.379.100. C20	S-3602379100C20	Betriebsbuch VDS2182
F.01U.263.818	S-F01U263818	SPP Fuse Clip 5x20mm (50pcs)
F.01U.311.189	S-F01U311189	SPA PCTRL2 Cap Tant 6U8 50V 10% Size D
2.776.393.264. C20	S-2776393264C20	SPP IC29F040-90J L32PS FEEPROM 512Kx8 90
F.01U.246.611	S-F01U246611	SPP STD pan A2 M3X20 poz ISO7045
F.01U.217.782	S-F00W330237	SPP Washer flat 5.3mm
F.01U.132.959	S-F01U132959	SPP Plastic Roller Parts DR 2020
F.01U.314.798	S-D362216	SPP Voltage Reg LM1117I TO252 (10pcs)
F.01U.311.191	S-F01U311191	SPA PCTRL2 Light Conductor Magic Panel
F.01U.079.359	S-F01U079359	SPP Diode Schottky Rect. MBRD660CT TO252

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.112.360	D354199	SPP IC LM 317 Voltg. reg.
	F.01U.126.682	D362192	SPP DIODZ P6KE200A 200V 5W
	F.01U.126.469	D354763	SPP Diode BYV 26 C-TAP

SECURITY ESCORT

SPARE PARTS USED IN SECURITY ESCORT PRODUCTS

	MATERIAL NO.	CTN (COMMERCIAL CODE)	DESCRIPTION
	F.01U.307.537	S-F01U307537	SPK Housing Set SE88 Transmitter (5pcs)
	F.01U.300.128	S-F01U300128	SPP Rubber Gasket AE 101 (10pcs)
	F.01U.062.248	S-9336 559 60623	SPP IC LM339D Quad Comparator SO14
	F.01U.306.514	S-F01U306514	SPP Res TF 1/4W 110K F1206N (1000pcs)
	F.01U.286.617	S-BASE RF3401	SPP ENCLOSURE BASE RF3401 (10pcs)
	F.01U.288.222	S-MTNG BASE RF3401	SPP MOUNTING BASE RF3401 (10pcs)
	F.01U.173.523	S-RF3401-COVER	SPP ENCLOSURE COVER RF3401 (10 pcs)
	F.01U.122.728	S-F01U034506	SPP RES MF 1/2W 2.21K F ATR D
	F.01U.112.360	D354199	SPP IC LM 317 Voltg. reg.

Bosch Building Technologies

ASA Customer Service
8601 E Cornhusker Hwy
Lincoln, NE 68507
USA