

Operator Accessories

Spare Parts Overview
Valid from 01.03.2017

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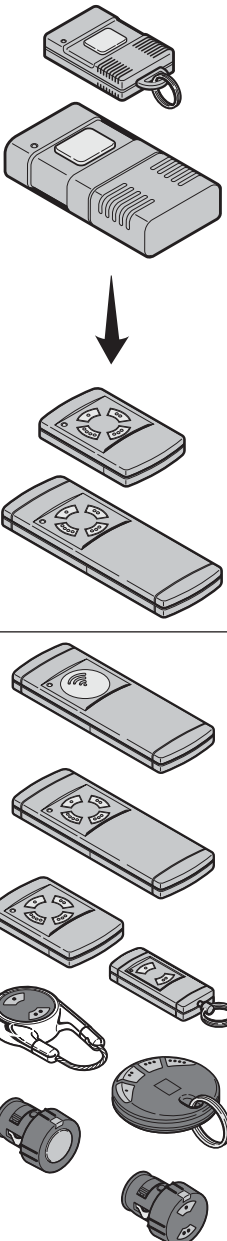
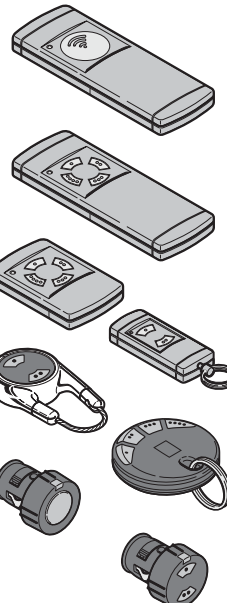
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Symbols Used

Symbol	Description
	Price on request
	Please note the extended delivery times.
	Prices marked with a dot indicate articles that are available from stock and available immediately ex works.
	Article has been replaced.

Hand Transmitter Overview

Article	Description	Versions
	<p>Hand transmitter RC 2000A Hand transmitter DH 01, DH 02, DH 03, DH 04 Mini hand transmitter DHM 01, DHM 02, DHM 04 Hand transmitter DHR 01, DHR 02, DHR 03</p> <p>Replacement hand transmitter for RC 2000A Hand transmitter HS 4 Mini hand transmitter HSM 4</p> <p>Housing colour: black</p>	<p>↻ 1, 2, 3 and 4-channel (impulse control without choosing direction) ↻ 1, 2 and 4-channel (impulse control without choosing direction) ↻ 1, 3 and 3-channel (impulse control with choosing direction)</p> <p>4-button (impulse control without choosing direction) 4-button (impulse control without choosing direction)</p> <p>Available frequencies: 26.975 MHz (button colour: green) 26.995 MHz (button colour: green) 27.015 MHz (button colour: green) 27.455 MHz (button colour: green) 433.92 MHz (button colour: green)</p>
	<p>Hand transmitter Hand transmitter HS 1** and HS 4 Mini hand transmitter HSM 4 Micro hand transmitter HSE 2 Hand transmitter HSD 2** Hand transmitter HSP 4** Hand transmitter HSZ 1** and HSZ 2** Security hand transmitter HSS 4</p> <p>Housing colour: Slate grey Traffic red for HSS 4</p>	<p>1 and 4-button (impulse control without choosing direction) 4-button (impulse control without choosing direction) 2-button (impulse control without choosing direction) 2-button (impulse control without choosing direction) 4-button (impulse control without choosing direction) 1 and 2-button (impulse control without choosing direction) 4-button (impulse control without choosing direction)</p> <p>Available frequencies: 40 MHz (button colour: grey) 433 MHz (button colour: orange) 868 MHz (button colour: blue or black)</p>

** Only available in 868 MHz

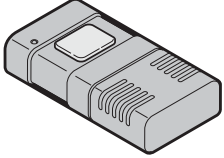
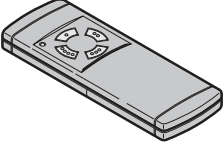
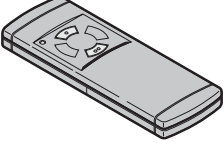
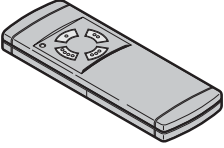
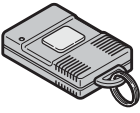
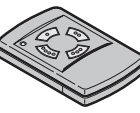
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1. Hand Transmitter

Article	Description	Production period	Art. no.	Qty.	€	
	Hand transmitter HF 27, 1 and 2-channel (Spare parts are no longer available) Retrofitting to new radio system Example for 1-channel replacement: Relay receiver HET / S2 868-BS Hand transmitter HET / S2 868-BS Hand transmitter HS 1 868-BS Example for 2-channel replacement: Relay receiver HET / S2 868-BS Hand transmitter HS 4 868-BS		436728 436750 ↻ 4511720	Each _____ _____ _____	/each /each /each /each	
		Hand transmitter RC 2000, 1, 2, 3 and 4-channel (Spare parts are no longer available) Retrofitting to new radio system Example for 1-channel replacement: Relay receiver HET / S2 868-BS Hand transmitter HS 1 868-BS Hand transmitter HS 1 868-BS Example for 2-channel replacement: Relay receiver HET / S2 868-BS Hand transmitter HS 4 868-BS Example for 3 and 4-channel replacement: Relay receiver HER 4 868-BS Hand transmitter HS 4 868-BS		436728 436750 ↻ 4511720 436728 436751 436726 436751	Each _____ _____ _____ _____ _____ _____ _____	/each /St. /each /each /each /each

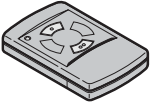

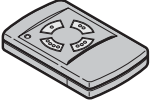
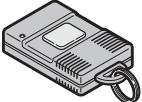

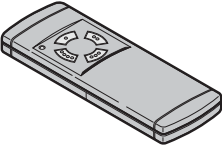
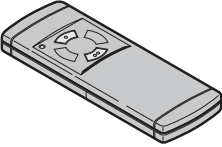

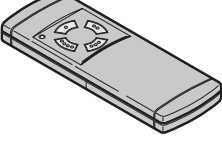
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1. Hand Transmitter

Article	Description	Production period	Art. no.	Qty.	€
 	Hand transmitter DH 01, DH 02, DH 03, DH 04, RC 2000A Hand transmitter HS 4 Button colour: green		↻	Each	
	26.975 MHz	2007-03-15 –	437606	_____	/each
	26.995 MHz	2007-03-15 –	437607	_____	/each
	27.015 MHz	2007-03-15 –	437608	_____	/each
	27.455 MHz	2007-03-15 –	437609	_____	/each
433.92 MHz (HS 4: battery 12 V, L1028, type 23A)	2007-03-15 –	437610	_____	/each	
 	Hand transmitter HS 2, RC 2000A Hand transmitter HS 4 Button colour: green		↻	Each	
	26.975 MHz	2007-03-15 –	437606	_____	/each
	26.995 MHz	2007-03-15 –	437607	_____	/each
	27.015 MHz	2007-03-15 –	437608	_____	/each
	27.455 MHz	2007-03-15 –	437609	_____	/each
433.92 MHz (HS 4: battery 12 V, L1028, type 23A)	2007-03-15 –	437610	_____	/each	
 	Mini hand transmitter DHM 01, DHM 02, DHM 04, RC 2000A Mini hand transmitter HSM 4 Button colour: green		↻	Each	
	26.975 MHz	1999-06-01 –	437230	_____	/each
	26.995 MHz	1999-06-15 –	437231	_____	/each
	27.015 MHz	1999-07-01 –	437232	_____	/each
	27.455 MHz	1999-07-15 –	437233	_____	/each
433.92 MHz (HSM 4: battery 12 V, L1028, type 23A)	1999-12-15 –	437234	_____	/each	

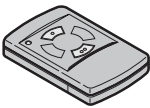

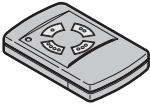
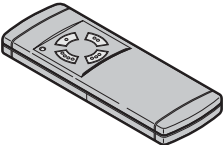

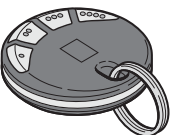
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	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

1. Hand Transmitter

Article	Description	Production period	Art. no.	Qty.	€
  	Mini hand transmitter HSM 2, RC 2000A Mini hand transmitter HSM 4 Button colour: green		↻	Each	
	26.975 MHz	1999-06-01 –	437230	_____	/each
	26.995 MHz	1999-06-15 –	437231	_____	/each
	27.015 MHz	1999-07-01 –	437232	_____	/each
	27.455 MHz	1999-07-15 –	437233	_____	/each
	433.92 MHz (HSM 4: battery 12 V L1028, type 23A)	1999-12-15 –	437234	_____	/each
  	Hand transmitter DHR 01, DHR 03, DHR 04, RC 2000A Hand transmitter HS 4 Button colour: green		↻	Each	
	26.975 MHz	2007-03-15 –	437606	_____	/each
	26.995 MHz	2007-03-15 –	437607	_____	/each
	27.015 MHz	2007-03-15 –	437608	_____	/each
	27.455 MHz	2007-03-15 –	437609	_____	/each
	433.92 MHz (HS 4: battery 12 V L1028, type 23A) (no choosing direction possible)	2007-03-15 –	437610	_____	/each
  	Hand transmitter HS 2 Hand transmitter HS 4 40 MHz, button colour: grey 433 MHz, button colour: orange 868 MHz, button colour: blue Battery 12 V, L1028, type 23A		↻	Each	
		2007-03-01 –	437590	_____	/each
		2007-03-01 –	437591	_____	/each
		2007-03-01 –	437549	_____	/each


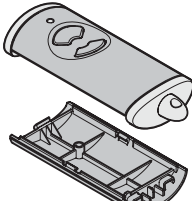
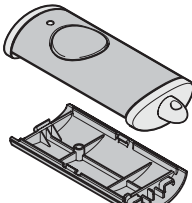
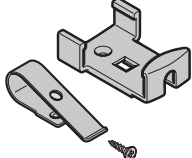

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1. Hand Transmitter

Article	Description	Production period	Art. no.	Qty.	€
  	Mini hand transmitter HSM 2 Mini hand transmitter HSM 4 40 MHz, button colour: grey 433 MHz, button colour: orange 868 MHz, button colour: blue (Battery 12 V, L1028, type 23A)	1998-06-01 – 2000-12-01 – 2007-03-01 –	↻ 437014 437038 437442	Each _____ _____ _____	 /each /each /each
	Micro hand transmitter HSE 2 40 MHz, button colour: grey 433 MHz, button colour: orange 868 MHz, button colour: blue (Battery 6 V, L1016, type 11A)	2000-04-15 – 2000-12-01 – 2007-03-01 –	437112 437115 437452	Each _____ _____ _____	 /each /each /each
	Security hand transmitter HSS 4 40 MHz, button colour: grey 433 MHz, button colour: orange 868 MHz, button colour: blue (Battery 12 V, L1028, type 23A)	2007-04-01 – 2007-04-01 – 2007-03-01 –	437589 437628 437550	Each _____ _____ _____	 /each /each /each
	Hand transmitter HS 1 868 MHz, button colour: blue (Battery 12 V, L1028, type 23A)	2007-03-01 –	437548	Each _____	 /each
	Hand transmitter HSP 4-C 868 MHz, button colour: black (Battery 3 V, CR 2025) Note: See the Dealer Price List section Door Operators, HSP4-BS transmitter	2009-02-01 –	437468 ↻	Each	

ORDER	Customer no.: _____	Order no.: _____
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	Place/date: _____	Stamp and signature _____

1. Hand Transmitter

Article	Description	Production period	Art. no.	Qty.	€
	Hand transmitter 868 MHz, HSD 2-A, aluminium look No longer available!	2007-04-10 –	437465	Each	
	868 MHz, HSD 2-C, high-gloss chrome No longer available! (Battery 3 V, CR 2025) Note: See the Dealer Price List section Door Operators, HSD2-BS transmitter	2007-04-10 –	437614		
	HSE 2 BiSecur hand transmitter housing Top part with button, chrome caps and key ring, pre-assembled Bottom part (without circuit board)			Each	
	Carbon		439748	_____	/each
	Yellow		439749	_____	/each
	Green		439750	_____	/each
	Purple		439751	_____	/each
	Orange		439752	_____	/each
	Red		439753	_____	/each
	Textured black		439754	_____	/each
	Black		439755	_____	/each
	Silver		439756	_____	/each
	White		439757	_____	/each
	HSE 1 BiSecur hand transmitter housing Top part with button, chrome caps and key ring, pre-assembled Bottom part (without circuit board)			Each	
	Black		439747	_____	/each
	Hand transmitter holder for HS, HSM, HSS Slate grey With visor clip	2003-06-15 –	438024	_____	/each
	Without visor clip	2006-12-15 –	437551	_____	/each
	Key ring for HSM 4 and HSE 2	2004-03-15 –	438010	Each	/each

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1. Hand Transmitter

Article	Description	Production period	Art. no.	Qty.	€
	Key cable incl. screw-in sleeves for HSD Aluminium look High-gloss chrome	2007-06-01 – 2007-06-01 –	437623 437624	Each	
				_____	/each
	Battery cover for HSD incl. tool	2008-05-01 –	437666	Each	
				_____	/each
	Battery cover for HS 1/HS 4/HSS 4/HS 5 BiSecur	2012-07-01 –	436967	Each	/each
	Batteries			Each	
	12 V, L1028, type 23A (for HS, HSM, HSS 4)		438015	_____	/each
	9 V, E block (for HS 16, HPG 1, FCT 3b, FCT 10, FCT 10b, RCT 3b, FUS, FSM 2)		436025	_____	/each
	6 V, L1016, type 11A (for HSE 2)		438018	_____	/each
	3 V, CR 2025 (for RSE 2, HSD 2, HSP 4, HSZ 1, HSZ 2, RSZ 1, FIT 2, RSC 2)		438748	_____	/each
	3 V, CR 2032 (for FCT 3b, RCT 3b – 2008-10)		438986	_____	/each
	3 V CR 2 (for HSZ 1 BS, HSZ 2 BS)		439559	_____	/each
1.5 V AAA, type Micro VPE 2 units, (for FFL 12, FFL 12 BS, FCT 3 BS, FCT 10 BS, HS 5 BS, HS 4 BS, HS 1 BS, HSS 4 BS, FSM 2 BS, FIT1 BS, FIT2 BS, FIT4 BS, FIT5 BS, FSM 2 BS)		439451	_____	/each	
1.5 V AA, type Mignon VPE 4 units, (for HSI)		439452	_____	/each	
	Hand transmitter HSZ 1 868 MHz, button colour: black No longer available! (Battery 3 V, CR 2025) Note: See the Dealer Price List section Door Operators, HSZ1-BS transmitter	2007-08-06 –	437599	Each	

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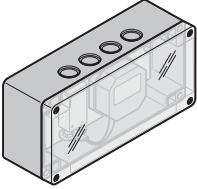
1. Hand Transmitter

Article	Description	Production period	Art. no.	Qty.	€
	Hand transmitter HSZ 2 868 MHz, button colour: black (Battery 3 V, CR 2025) No longer available! Note: See the Dealer Price List section Door Operators, HSZ2-BS transmitter	2007-04-10 – 2016-11-30	437466	Each	
	Industrial hand transmitter HSI 868 MHz (Battery 1.5 V, AA, type Mignon)	2003-05-19 –	637623	Each	/each
	Hand transmitter HS 16 40 MHz, red LED 868 MHz, blue LED (Battery 2 x 9 V, E block)	2000-01-15 – 2003-05-19 –	437140 437142	Each	/each /each
	Protective bag for hand transmitter HS 16	2004-03-01 –	438928	Each	/each
	Hand transmitter tester HPG 1 Incl. protective bag (Battery 9 V, E block)	2001-05-01 –	436027	Each	/each
	Recessed radio transmitter FUS 2 868 MHz (Battery 9 V, E block)	2008-08-01 –	437661	Each	/each
	Recessed radio transmitter HSU 2 868 MHz (230 V/AC)	2008-08-01 –	437480	Each	/each

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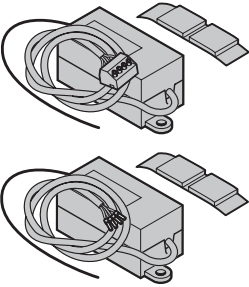
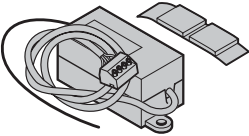
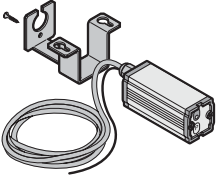
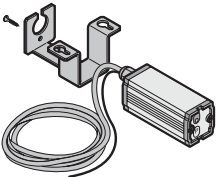
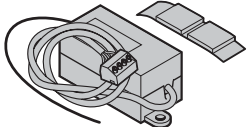
	Place/date: _____	Stamp and signature _____

1. Hand Transmitter

Article	Description	Production period	Art. no.	Qty.	€
	Radio transmitter module FSM 2 868 MHz	2008-02-01 –	639053	Each _____	/each

ORDER	Customer no.: _____ Order no.: _____	
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

2. Receiver

Article	Description	Production period	Art. no.	Qty.	€
	Receiver HE 1			Each	
	40 MHz	2002-09-01 –	437380	_____	/each
	433 MHz	2002-11-01 –	437381	_____	/each
	433 MHz	2016-06-01 – 2016-05-31	437386	_____	/each
	868 MHz	2007-03-01 –	437404	_____	/each
	For RC2000A remote controls (1-channel)				
	26.975 MHz	2000-06-15 –	437240	_____	/each
	26.995 MHz	2000-06-15 –	437241	_____	/each
	27.015 MHz	2000-06-15 –	437242	_____	/each
	27.455 MHz	2000-06-15 –	437243	_____	/each
433.92 MHz	2000-09-01 –	437275	_____	/each	
	Receiver HE 2			Each	
	40 MHz	2003-09-15 –	437385	_____	/each
	433 MHz	2007-01-01 –	437386	_____	/each
	868 MHz	2007-03-01 –	437405	_____	/each
	868 MHz, special length 7000 mm	2007-03-01 –	437667	_____	/each
	Receiver HEI 1			Each	
	40 MHz	1998-06-01 –	437055	_____	/each
	433 MHz	1999-09-01 –	437057	_____	/each
	868 MHz	2007-03-01 –	437406	_____	/each
	For RC 2000A remote control (1-channel)				
	26.975 MHz	2000-06-15 –	437250	_____	/each
	26.995 MHz	2000-06-15 –	437251	_____	/each
	27.015 MHz	2000-06-15 –	437252	_____	/each
	27.455 MHz	2003-09-01 –	437253	_____	/each
	433.92 MHz	2000-06-15 –	437276	_____	/each
	Receiver HEI 2			Each	
	40 MHz	2005-05-01 –	437340	_____	/each
	868 MHz	2007-03-01 –	437407	_____	/each
	Receiver HE 3			Each	
	868 MHz	2007-03-01 –	437518	_____	/each

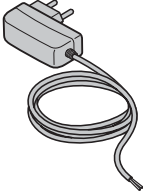
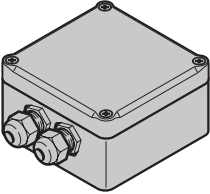
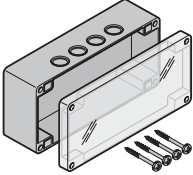
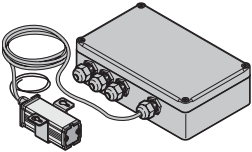
ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

2. Receiver

Article	Description	Production period	Art. no.	Qty.	€
	Receiver HE 3-MCX 868 MHz	2007-03-01 –	437509	Each _____	/each
	Externe Antenne für HE 3 - MCX-868 und 868 BiSecur	2012-07-01 –	436968	Each _____	/each
	Receiver HET 2 868 MHz	2007-03-01 –	437485	Each _____	/each
	Receiver HET 24 868 MHz	2007-03-01 –	437517	Each _____	/each
	Receiver HES 2 868 MHz	2007-03-01 –	437539	Each _____	/each
	Receiver HES 24 868 MHz	2007-03-01 –	437540	Each _____	/each

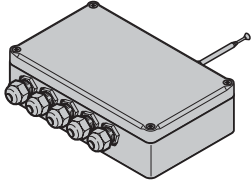

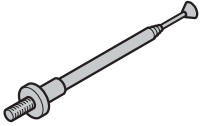
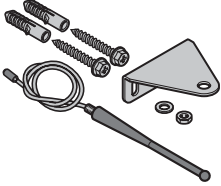
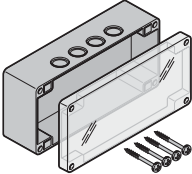
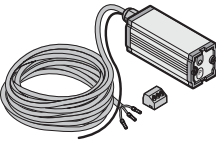

ORDER	Customer no.: _____ Order no.: _____	
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

2. Receiver

Article	Description	Production period	Art. no.	Qty.	€
	Steckernetzgerät 12 V DC für HET / S BiSecur	2012-07-01 –	436993	Each	/each
	Receiver HER 1	1998-06-01 –	437060	Each	/each
	40 MHz	1999-03-15 –	437062		/each
	433 MHz	2007-03-01 –	437408		/each
	868 MHz				
	For RC 2000A remote controls (1-channel)				
	26.975 MHz	2000-07-01 –	437260		/each
	26.995 MHz	2000-07-01 –	437261		/each
27.015 MHz	2000-07-01 –	437262		/each	
27.455 MHz	2000-09-15 –	437263		/each	
433.92 MHz	2000-10-01 –	437277		/each	
	Receiver housing for HER 1, 868 MHz			Each	
	Standard housing bottom part	2008-02-01 –	438266		/each
	Standard housing cover, incl. screws	2007-07-01 –	438267		/each
	Screw kit, 2 × M16	2003-10-15 –	638038		/each
Screw kit, 4 × M16	2003-10-01 –	637018		/each	
	Receiver HER 2			Each	
	40 MHz	2000-06-01 –	437070		/each
	433 MHz	2000-05-15 –	437074		/each
	868 MHz	2007-03-01 –	437409		/each
	For RC 2000A remote controls				
	26.975 MHz	2000-06-15 –	437265		/each
	26.995 MHz	2000-06-15 –	437266		/each
	27.015 MHz	2001-03-15 –	437267		/each
27.455 MHz	2005-03-01 –	437268		/each	
433.92 MHz	2000-10-01 –	437278		/each	

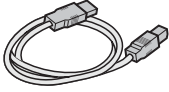
ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

2. Receiver

Article	Description	Production period	Art. no.	Qty.	€	
	Receiver HER 4			Each		
	40 MHz	1998-06-01 –	437065	_____	/each	
	433 MHz	1999-10-01 –	437067	_____	/each	
	868 MHz	2007-03-01 –	437410	_____	/each	
	For RC 2000A remote controls (3 and 4-channel)					
	26.975 MHz	2000-06-01 –	437270	_____	/each	
	26.995 MHz	2000-06-01 –	437271	_____	/each	
27.015 MHz, No longer available!	2001-03-15 – 2011-10-31	437272	_____			
27.455 MHz, No longer available!	2003-01-01 – 2006-06-31	437273	_____			
433.92 MHz	2000-10-01 –	437279	_____	/each		
	Flagpole antenna for HEI 1 and HER 2			Each		
	For RC 2000A remote control For 40 MHz	2002-10-15 – 2001-11-15 –	438807 438805	_____ _____	/each /each	
	Telescopic antenna for HEI and HER	1999-04-01 –	438029	Each _____	/each	
	Externe Antenne für HER 2-868-BS	2012-07-01 –	436969	Each _____	/each	
	Housing for receivers SGE 1, RERE, RERI			Each		
	Standard housing bottom part	2008-02-01 –	438266	_____	/each	
	Standard housing cover, incl. screws	2007-07-01 –	438267	_____	/each	
	Screw kit, 2 × M16	2003-10-15 –	638038	_____	/each	
	Screw kit, 4 × M16	2003-10-01 –	637018	_____	/each	
	Active antenna 868 MHz for HER 2, SGE 1 with 7000 mm connecting lead	2009-11-01 –	439508	Each _____	/each	
	SD memory card for collective garage receiver SGE 1	2009-04-01 –	637643	Each _____	/each	

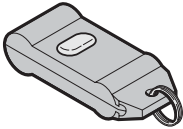
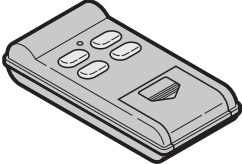
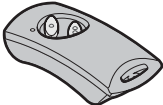
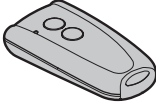
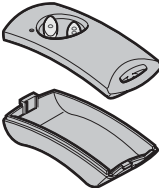
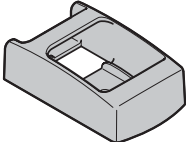
ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

2. Receiver

Article	Description	Production period	Art. no.	Qty.	€
	USB cable/SGP 1 A plug to B plug	2009-07-01 –	637644	Each _____	/each

ORDER	Customer no.: _____ Order no.: _____	
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

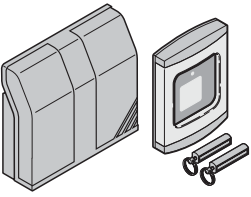
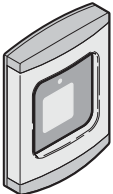
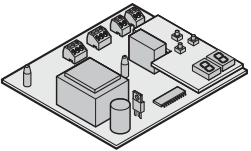
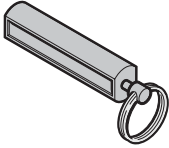
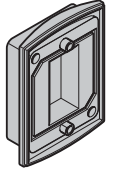
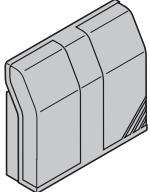

3. EcoStar

Article	Description	Production period	Art. no.	Qty.	€
 	EcoStar (40 MHz – 30-bit coding) 1-button hand transmitter, 40 MHz (Battery 6 V, L1016, type 11A)	1999-04-01 – 2001-06-30	437085	Each	/each
	2-button hand transmitter, 40 MHz (Battery 2 x 12 V, L1028, type 23A)	1998-11-01 – 2001-06-30	437080	Each	/each
	Hand transmitter RSE 2 433 MHz, rolling code (Battery 3 V, CR 2025)	2001-07-01 – 2012-12-31	437330	Each	/each
	Hand transmitter RSC 2 433 MHz, rolling code (Battery 3 V, CR 2025)	2010-03-01 –	437680	Each	/each
	Housing set RSE 2 Top and bottom shell	2009-07-15 –	439521	Each	/each
	Hand transmitter holder RSE 2	2009-11-01 –	437643	Each	/each

ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

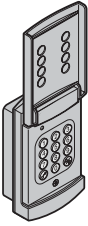
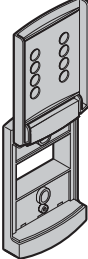



4. Transponder Key Switch

General, no example

Article	Description	Production period	Art. no.	Qty.	€
	Transponder key switch (incl. 2 keys) TER 1 TER 1 up to 100 transponder keys (recessed for entrance door, not shown)	2002-08-01 –	437049	Each	/each
	TTR 100 TER 1 up to 100 transponder keys	2000-10-01 –	437045	_____	/each
	TTR 1000 TER 1 up to 1000 transponder keys	2005-01-15 –	437147	_____	/each
	Input unit TER 1, TTR 100, TTR 1000 Front cover (not shown)	2006-04-15 – 2001-03-01 –	438981 438511	Each	/each /each
	Decoder unit TTR 100 (circuit board) TTR 1000 (circuit board, not shown)	2001-03-01 – 2004-12-15 –	438618 437148	Each	/each /each
	Transponder key TS For TER 1, TTR 100, TTR 1000	2000-10-01 –	437046	Each	/each
	Intermediate housing ZBG 1 Required to fit to metal	2001-02-01 –	438488	Each	/each
	Housing for decoder unit TTR 100, TTR 1000	2000-01-15 –	438286	Each	/each
	Transponder card TL 1000	2016-04-01 –	437011	Each	/each

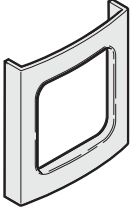
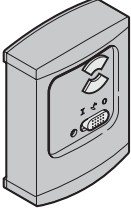
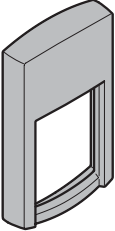

ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

5. Radio Code Switch

Article	Description	Production period	Art. no.	Qty.	€
	Radio code switch FCT 3b 868 MHz (battery 9 V E block) (no other frequencies available)	2005-12-15 –	437269	Each	/each
	Top housing part FCT 3b With cover (without transmitter unit)	2001-02-01 –	438575	Each	/each
	Radio code switch FCT 10 40 MHz for HS with button colour: grey (Battery 9 V E block)	2001-02-01 –	436130	Each	/each
	Radio code switch FCT 10 433 MHz Radio code switch FCT 10b 433 MHz for HS with button colour: orange (Battery 9 V E block)	2006-08-01 –	437497	Each	/each
	Radio code switch FCT 10 868 MHz Radio code switch FCT 10b 868 MHz for HS with button colour: blue (Battery 9 V E block) No longer available! Note: See the Dealer Price List section Door Operators, FCT10-BS radio code switch	2004-05-01 – 2017-01-31	437492	Each	

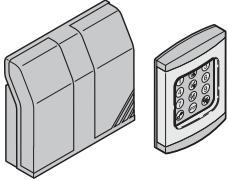
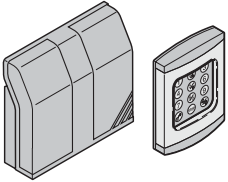
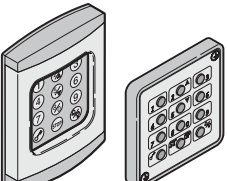
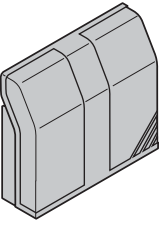
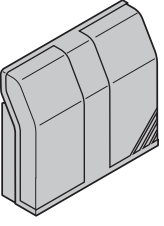
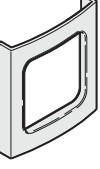
ORDER	Customer no.: _____ Order no.: _____	
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

5. Radio Code Switch

Article	Description	Production period	Art. no.	Qty.	€
	Front cover for radio code switch FCT 10 FCT 10b	2001-03-01 – 2005-05-15 –	438511 438568	Each _____ _____	/each /each
	Radio internal push button FIT 2 FIT 2-BS	2005-10-01 – 2012-06-01 –	436268 ↻ 436757	Each _____	/each
	Front cover FCT3	2016-12-01 –	437858	Each _____	/each
	Bottom part, FCT3, FCT10, FFL	2016-12-01 –	437859	Each _____	/each

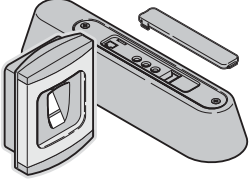
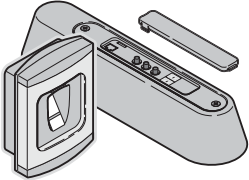
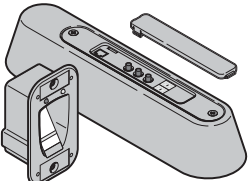
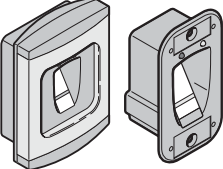
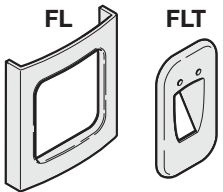
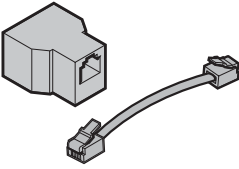
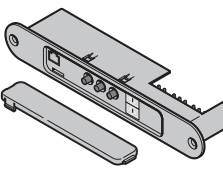
ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

6. Code Switch

Article	Description	Production period	Art. no.	Qty.	€
	Code switch CTR 1 Code switch CTR 1b CTV 1 CTR 1d	2005-04-15 –	↻ 436216 436391 436355	Each _____ _____ _____	/each /each /each
	Code switch CTR 3 Code switch CTR 3b CTV 3 CTR 3d	2005-04-15 –	↻ 436217 436392 436390	Each _____ _____ _____	/each /each /each
	Input unit CTR 1, CTR 3 CTR1 b, CTR 3b CTV 1, CTV 3 CTR 1d, CTR 3d (not shown)	1999-12-15 – 2005-04-15 – 2007-11-01 – 2007-11-01 –	438283 438982 436381 439448	Each _____ _____ _____ _____	/each /each /each /each
	Decoder unit CTR 1 CTR 1b, CTV 1 CTR 3, CTR 3d CTR 3b, CTV 3 CTR 1d (not shown)	2000-01-15 – 2014-09-01 2005-05-15 – 2000-01-15 – 2006-03-15 – 2007-11-01 –	438282 438983 438283 438984 439449	Each _____ _____ _____ _____	/each /each /each /each
	Housing for decoder unit CTR 1, CTR 1b, CTV 1 CTR 3, CTR 3b, CTV 3	2000-01-15 –	438286	Each _____	/each
	Front cover CTR 1, CTR 3 CTR 1b, CTR 3b	2000-01-15 – 2005-05-15 –	438281 438568	Each _____ _____	/each /each


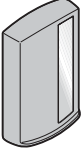
ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

7. Finger-Scan

Article	Description	Production period	Art. no.	Qty.	€
	Finger-scan FGS 1 Finger-scan FL 12 (for door operator)	2007-06-15 –	437560	Each	/each
	Finger-scan FGS 3 Finger-scan FL 100 (for door operator)	2007-06-15 –	437561	Each	/each
	Finger-scan FLT 12 (for entrance door) FLT 100 (for entrance door)	2007-06-15 – 2007-06-15 –	437562 437563	Each	/each /each
	Input units FL 12, FL 100 (surface-mounted) FLT 12, FLT 100 (recessed)	2007-08-01 – 2007-07-15 –	437640 437557	Each	/each /each
	Face plates for input units FL (chrome) FLT (white) FLT (stainless steel look)	2000-01-15 – 2007-07-01 – 2007-07-15 –	438281 437564 437565	Each	/each /each /each
	Connecting set AS 1 for 2 input units		436490	Each	/each
	Decoder unit FL 12, FLT 12 FL 100, FLT 100 Surface-mounted frame, incl. transformer (not shown)	2007-07-15 – 2007-07-15 – 2007-07-15 –	437558 437559 437556	Each	/each /each /each

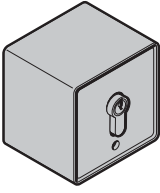
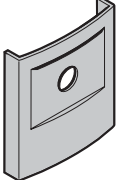

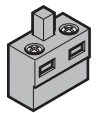
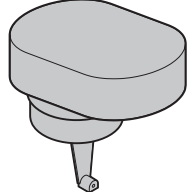
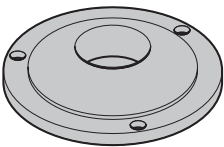
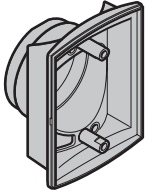
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	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

7. Finger-Scan

Article	Description	Production period	Art. no.	Qty.	€
	Radio finger-scan FFL 12 868 MHz (Battery 4 units, 1.5 V, AAA, type Micro)	2009-03-15 – 2017-01-31	436433 ↻	Each	/each
	Radio finger-scan FFL 12-BS	2017-01-01 –	436788	_____	
	Sliding cover FFL 12	2009-11-15 –	439554	Each _____	/each

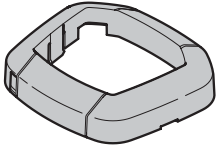
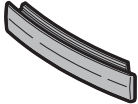
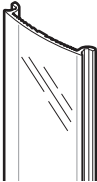
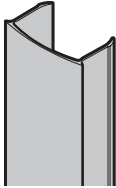
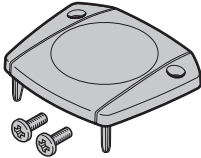
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	Place/date: _____	Stamp and signature _____

8. Key Switches, Posts

Article	Description	Production period	Art. no.	Qty.	€
	Surface-mounted key switch (push-to-lock)	2003-05-15 –	637002	Each _____	/each
	Front cover for STUP 30/40, STAP 30/40	2000-01-01 –	438420	Each _____	/each
	Aluminium panel ESA 30/40 ESU 30/40	2000-01-15 – 2001-06-15 –	438427 438753	Each _____ _____	/each /each
	Microswitch MKT 1 For all STAP, STUP, ESA, ESU surface-mounted key switches (push-to-lock)	2000-12-01 –	438422	Each _____	/each
	Cover for key switch post STS 1, STS 2	2007-04-01 –	437996	Each _____	/each
	Bottom end for key switch post STS 1, STS 2 Incl. fixing material	2003-06-01 –	438926	Each _____	/each
	Adapter for command unit for STS 1, STS 2	2003-08-01 –	438345	Each _____	/each


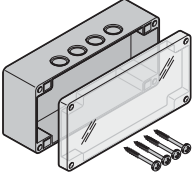
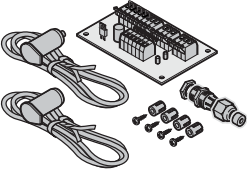
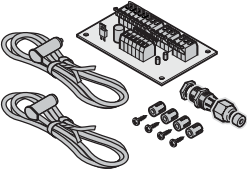
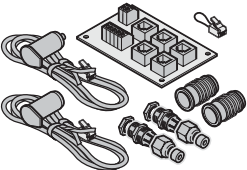
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	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

9. LED Light Posts

Article	Description	Production period	Art. no.	Qty.	€
	Plastic cover for bottom end for light post/key switch post (STS/STL)	2009-11-01 –	439532	Each _____	/each
	Transition panel for SLS light post with sealing foam	2009-11-01 –	439533	Each _____	/each
	Screen for light post Standard, SLS, 295 mm Design, SLS, 295 mm (not shown)	2009-11-01 – 2009-11-01 –	439534 436546	Each _____ _____	/each /each
	Aluminium panel For SLS light post 239 mm long 423,5 mm long 778 mm long	2009-11-01 – 2009-11-01 – 2009-11-01 –	439535 439536 439536	Each _____ _____ _____	/each /each /each
	Profile cover with warning light holder	2009-11-01 –	439538	Each _____	/each

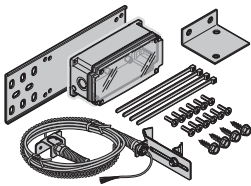

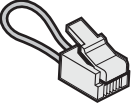
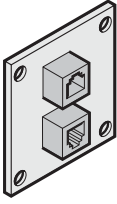
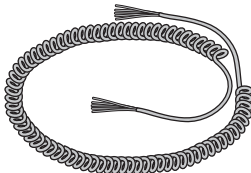
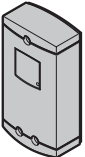
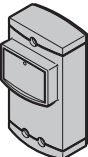

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	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

10. Photocells, Closing Edge Safety Device

Article	Description	Production period	Art. no.	Qty.	€
	Fitting bracket for photocells (1 unit) EL 301, EL 101, EL 31, RL 30, RL 52	2007-12-01 –	638922	Each _____	 /each
	Empty housing for LSE 1, LSE 2, AT 1, AT 2 Standard housing bottom part Standard housing cover, incl. screws Screw kit, 2 x M16 Screw kit, 4 x M16	2008-02-01 – 2007-07-01 – 2003-10-15 – 2003-10-01 –	438266 438267 638038 637018	Each _____ _____ _____ _____	 /each /each /each /each
	Activating kit S1 Transmitter SKS, Ø22 mm, 5.5 m cable Receiver SKS, Ø22 mm, 500 mm cable Circuit board SKS Note: An additional bottom seal profile is required for series 1 operators on sectional doors BR 40 without wicket door and up-and-over doors!	2000-11-15 – 2000-11-15 – 2000-11-15 –	438418 438419 438416	Each _____ _____ _____	 /each /each /each
	Activating kit S3 Transmitter SKS, Ø12 mm, 6.5 m cable Receiver SKS, Ø12 mm, 600 mm cable Circuit board SKS Note: No additional bottom seal profile is required for series 1 operators on sectional doors BR 40 with wicket door and up-and-over doors!	2000-11-15 – 2000-11-15 – 2000-11-15 –	438538 438539 438416	Each _____ _____ _____	 /each /each /each
	Activating kit S4 Transmitter SKS, Ø15 mm, 6.5 m cable Receiver SKS, Ø15 mm, 600 mm cable Standard SKS circuit board Note: Additional bottom seal profile required for series 2 and series 3 operators for BR 40/50 sectional doors without wicket door and up-and-over doors!	2005-01-01 – 2003-11-15 – 2006-04-15 –	638248 638194 438573	Each _____ _____ _____	 /each /each /each

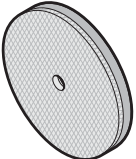
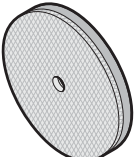
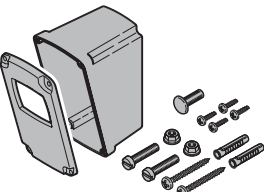
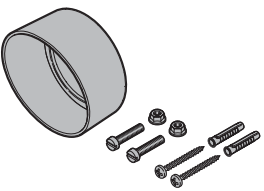
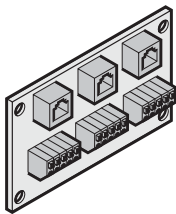
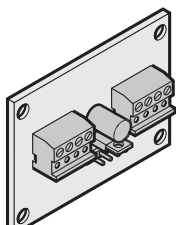

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	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

10. Photocells, Closing Edge Safety Device

Article	Description	Production period	Art. no.	Qty.	€
	Activating kit for door leaf AT 1	2000-10-01 –	436193	Each _____	/each
	Adapter sleeve for transmitter / receiver	2003-12-01 –	638196	Each _____	/each
	Bridge plug	2003-10-15 –	637074	Each _____	/each
	Standard wicket door contact circuit board, AT2	2009-08-15 –	436432	Each _____	/each
	Coiled cable AT 1 – 5 × 0.25 mm² for SKS (standard without holder)	2000-11-15 –	438450	Each _____	/each
	AT 2 – with system plug (not shown)	2006-08-01 –	436224	Each _____	/each
	Top part for photocells EL 31, EL 301 and EL 51, EL 301 (black, pre-assembled seal)	2009-02-01 –	637633	Each _____	/each
	Top part for photocells RL 30, RL 50 and RL 52, RL 300 (red, pre-assembled seal and light guide) Screw bag (not shown)	2009-03-01 –	637632	Each _____	/each
			638133	Each _____	/each
	Reflektor für Lichtschranken RL 30, RL 50, RL 52, RL 300		638134	Each _____	/each

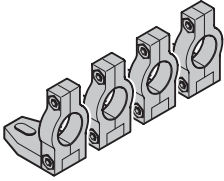
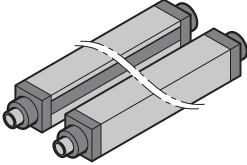
ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

10. Photocells, Closing Edge Safety Device

Article	Description	Production period	Art. no.	Qty.	€
	Reflector for photocells RL 30, RL 50, RL 52, 8 – 12 m		638163	Each _____	/each
	Reflector with anti-fog coating		637756	Each _____	/each
	Protective cover for photocells		437075	Each _____	/each
	Protective cover for reflectors		437076	Each _____	/each
	Photocell expander circuit board With cage clamps, LSE 1 (for 3-wire photocells)	2006-03-09 –	637439	Each _____	/each
	Photocell expander circuit board With cage clamps, LSE 2 (for 2-wire photocells)	2008-01-15 –	436379	Each _____	/each
	Cable with plug For light grille 5000 mm 10000 mm 25000 mm	2003-10-01 – 2003-10-01 –	637467 637466	Each _____ _____ _____	/each /each

ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

10. Photocells, Closing Edge Safety Device

Article	Description	Production period	Art. no.	Qty.	€
	Fixing for ELG Up to 1600 mm (4 units)	2003-10-01 –	638145	Each _____	/each
	Light grille 1380 mm Receiver Transmitter	2006-05-15 – 2006-05-15 –	638384 638383	Each _____ _____	/each /each

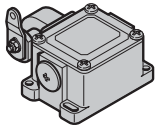

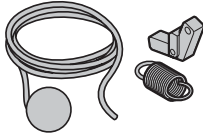


ORDER	Customer no.: _____ Order no.: _____	
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

11. Activating Kit for Leading Photocells

Article	Description	Production period	Art. no.	Qty.	€
	Leading photocell VL 1 Transmitter – interior left Receiver – interior right	2005-11-01 – 2005-11-01 –	637521 637522	Each _____ _____	/each /each
	Leading photocell VL 2 Interior left Interior right	2005-10-01 – 2005-10-01 –	638377 638378	Each _____ _____	/each /each
	Protective cover for VL 1 Left / right set	2007-03-01 –	637526	Each _____	/each
	Protective cover for VL 2 Left / right set	2007-03-01 –	637524	Each _____	/each
	Crash-protection set for VL 1, VL 2	2005-10-01 –	638376	Each _____	/each
	Floor slide set for VL 1, VL 2 for uneven floors	2005-10-01 –	638173	Each _____	/each
	Cable cover for wicket door contact Length 180 mm, high threshold rail Length 292 mm, low threshold rail	2000-10-01 – 2000-10-01 –	438437 637978	Each _____ _____	/each /each

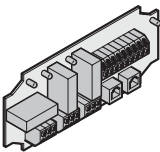
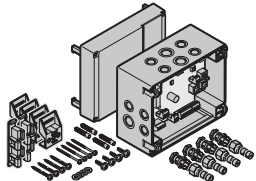
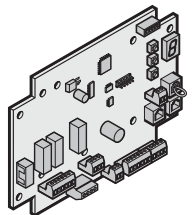
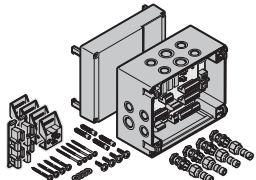
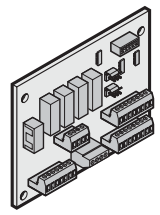
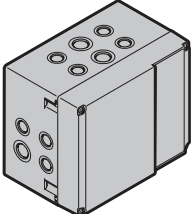
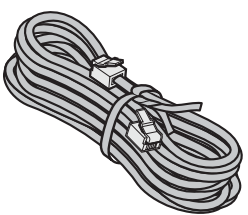
ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

12. Pull Switch

Article	Description	Production period	Art. no.	Qty.	€
	Pull switch ZT 1	2000-12-15 – 2006-11-15		Each	
	Pull switch ZT 2 With pull cord 3200 mm and rubber ball	2006-11-15 –	637510	_____	/each
	Lever device for pull switch ZT 1 Spring and pull cord Ø 6 × 3200 mm	2001-01-15 –	438561	Each _____	/each
	Pull cord for ZT 1 and ZT 2 Nylon Ø 6 mm, red	2004-07-01 –	438960	Each _____	/m
	Pull cord for ZT 1 and ZT 2 Nylon Ø 6 × 3200 mm with rubber ball	2008-05-01 –	637599	Each _____	/each

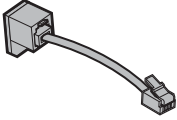
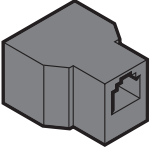
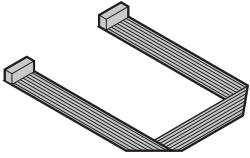
ORDER	Customer no.: _____		Order no.: _____	
	Customer name: _____			
	Shipping address: _____			
	Place/date: _____		Stamp and signature _____	

13. Extension Units

Article	Description	Production period	Art. no.	Qty.	€
	Circuit board for extension unit ES 1	2007-02-15 – 2014-07-01	436506	Each	/each
	Extension unit for warning lights ES 2 In semi-housing without warning lights	2007-05-01 – 2014-07-01	436509	Each	/each
	Circuit board for underground garage door control ES 2	2007-02-15 – 2014-07-01	436507	Each	/each
	Traffic control extension unit EF 1 In semi-housing without warning lights	2007-05-01 – 2014-07-01	436508	Each	/each
	Circuit board for traffic control EF 1 Incl. 10-wire flat cable, connecting cable (400 mm) to basic circuit board ES 2 Note: Basic circuit board ES 2 required!	2003-11-01 –	637053	Each	/each
	Semi-housing or small extension housing for ES 1/ES 2/EF 2	2006-12-01 –	637014	Each	/each
	System cable, 6-wire 10000 mm long 100 mm long	2003-05-01 – 2003-09-01 –	637944 637930	Each	/each /each

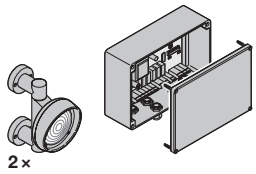
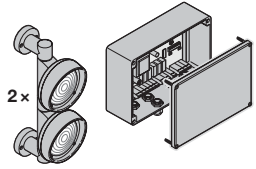
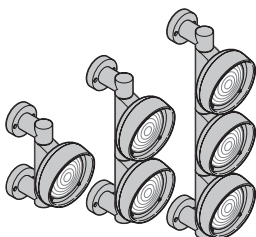

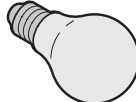
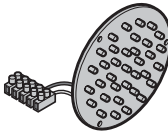

ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

13. Extension Units

Article	Description	Production period	Art. no.	Qty.	€
	Terminating resistor for bus bush	2007-05-01 –	437555	Each _____	/each
	Y - piece with static current circuit parallel connection, black, 6-pole	2003-10-01 –	637000	Each _____	/each
	10 - wire flat connecting cable 400 mm long from EF 1 to ES 2	2007-01-01 –	638374	Each _____	/each


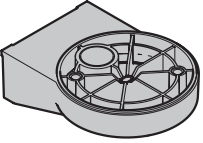
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	Customer name: _____			
	Shipping address: _____			
	Place/date: _____		Stamp and signature _____	

14. Additional Control ZS 200, MP 200 for SupraMatic H (series 1), Warning Lights

Article	Description	Production period	Art. no.	Qty.	€
 2 x	Automatic timer ZS 200 SupraMatic H (series 1) Incl. 2 yellow LED warning lights Without warning lights	2001-03-15 – 2001-03-01 –	436205	Each	/each
			436206	_____	/each
 2 x	Traffic control MP 200 SupraMatic H (series 1) Incl. 2 red / green LED warning lights (No longer available!) Without warning lights	2001-03-15 – 2001-02-15 –	436200	Each	/each
			436201	_____	/each
	LED warning lights TL 40ye, yellow TL 40gn, green TL 40rd, red TL 40rd / gn, red / green TL 40rd / ye/gn, red / yellow / green Note: Warning lights are for 230 V, 50 Hz	2008-03-15 – 2008-03-15 – 2008-03-15 – 2008-03-15 – 2008-03-15 –	637536	Each	/each
			637535	_____	/each
			637534	_____	/each
			637537	_____	/each
			637573	_____	/each
	Glass for warning lights TL 30 Yellow Green Red	2001-06-01 – 2001-06-01 – 2001-06-01 –	438726	Each	/each
			438727	_____	/each
			438725	_____	/each
	Light bulb E27 for warning light TL 30 (67 watts / 235 V) No longer available!	2001-04-15 –	438722	Each	/each
	Circuit board for LED warning lights TL 40 Yellow Green Red	2007-05-01 – 2007-05-01 – 2007-05-01 –	637555	Each	/each
			637554	_____	/each
			637553	_____	/each
	Glass for LED warning lights TL 40 Yellow Green Red	2008-04-01 – 2008-04-01 – 2008-04-01 –	637581	Each	/each
			637582	_____	/each
			637580	_____	/each

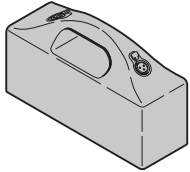
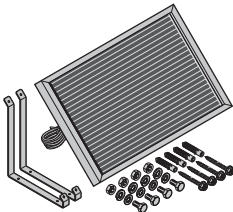
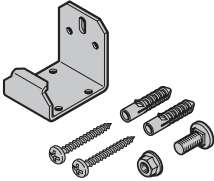
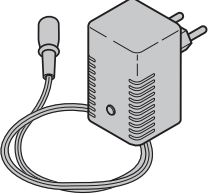
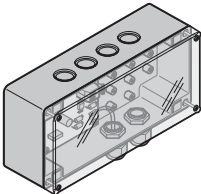
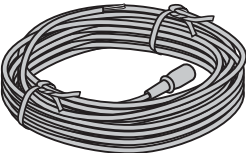
ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

14. Additional Control ZS 200, MP 200 for SupraMatic H (series 1), Warning Lights

Article	Description	Production period	Art. no.	Qty.	€
	Connector for LED warning lights incl. seals	2007-06-01 –	637556	Each _____	/each
	Wall holder for SLK	2009-07-15 –	436517	Each _____	/each

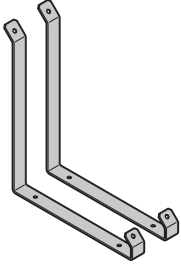

ORDER	Customer no.: _____ Order no.: _____	
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

15. Battery, Solar Panel

Article	Description	Production period	Art. no.	Qty.	€
	Replacement battery WA 24 without holder for ProMatic Akku	2006-05-15 –	439346	Each _____	/each
	Solar module SM 24 With accessories, without charge controller	2006-09-01 – 2009-06-30	436318 ↻	Each	/each
	Solar module SM 24 - 1 With accessories, without charge controller For ProMatic, RotaMatic Akku	2009-07-01 –	436441	_____	
	Screw bag incl. holder for replacement battery WA 24, ProMatic Akku	2004-05-15 –	438953	Each _____	/each
	Charger, ProMatic Akku LG 24 LG 24.1 UK adapter for battery charger LG 24.1	2004-08-01 – 2010-10-04 2010-10-04 –	438699 ↻	Each	/each /each
			439552	_____	
			439553	_____	
	Charge controller 24 V for solar panel for ProMatic Akku Incl. connecting lead to motor	2005-01-01 –	438973	Each _____	/each
	Connecting cable ZL 24 From battery to operator, ProMatic Akku, 5000 mm From battery to circuit board, RotaMatic, 900 mm (not shown)	2004-07-01 –	438959	Each _____	/each
		2006-08-01 –	439445	_____	/each

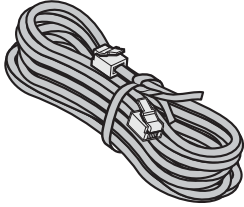
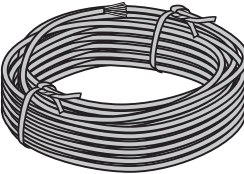
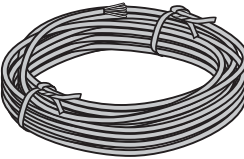
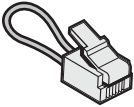

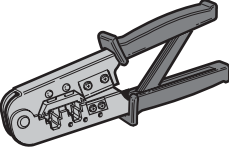
ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

15. Battery, Solar Panel

Article	Description	Production period	Art. no.	Qty.	€
	Solar panel holder for solar module SM 24, 2 units (not shown) No longer available!	15.01.2006 – 30.06.2009	438470	Each	
	SM24 - 1, 2 units	2009-07-01 –	436442	_____	/each
	Screw bag SM 24 (not shown) No longer available! SM24 - 1	15.06.2005 – 30.06.2009	438572		
		2009-07-01 –	436443	_____	/each
	Two-way spare key For RotaMatic Akku control cabinet	2009-10-15 –	639217	Each	/each

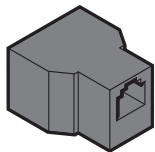
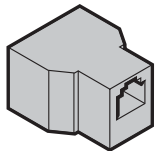
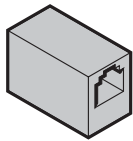
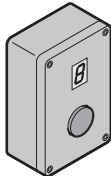
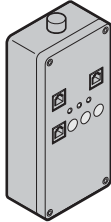
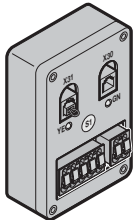
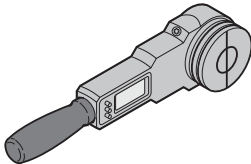

ORDER	Customer no.: _____ Order no.: _____	
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

16. System Cable, Plug

Article	Description	Production period	Art. no.	Qty.	€	
	System cable, 6 - wire with system plug (for the connection from the frame junction box to the control or for general use) Cable length 100 mm 2000 mm 3000 mm 4000 mm 5000 mm 6000 mm 7000 mm 8000 mm 9000 mm 10000 mm	2003-10-01 – 2003-10-01 – 2003-10-01 – 2003-10-01 – 2003-10-01 – 2003-10-01 – 2003-10-01 – 2003-10-01 – 2003-10-01 – 2003-10-01 –	637930 637935 637936 637937 637938 637939 637940 637942 637943 637944	Each _____ _____ _____ _____ _____ _____ _____ _____ _____	/each /each /each /each /each /each /each /each /each /each	
		6 - wire system cable, 100 m Without system plug 2003-10-01 –	637951	Each _____	/each	
		6 - wire system cable, 50 m Only for wet areas (PUR) 2003-04-01 –	637950	Each _____	/each	
		Bridge plug (system jack) Static current circuits, cable colour: blue 2003-10-01 –	637074	Each _____	/each	
		System plug Flat flexible cable 100 units / bag 4 - pole (6-pole with 4 contacts) 6 - pole (6-pole with 6 contacts)	2003-10-01 – 2003-10-01 –	638104 638098	Each _____ _____	/each /each
			Crimping pliers for system plugs 2009-07-15 –	637677	Each _____	/each

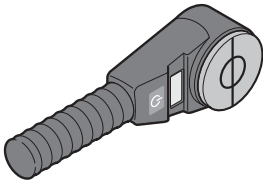

ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

17. Coupling, Testers

Article	Description	Production period	Art. no.	Qty.	€
	Y - piece with static current circuit parallel connection, black, 6-pole	2003-10-01 –	637000	Each _____	/each
	Y - piece with static current circuit series connection, red, 6-pin	2003-10-01 –	637001	Each _____	/each
	Coupling 1:1 for system cable	2003-10-01 –	638190	Each _____	/each
	Diagnosis device D1 for closing edge safety device	2006-10-01 –	637500	Each _____	/each
	Cable tester KPT1 incl. cable termination circuit board	2004-06-01 –	637087	Each _____	/each
	Tester T1 for closing edge safety device and photocells	2004-11-01 –	637211	Each _____	/each
	Dynamometer (for measuring the closing force) – in a case – incl. CD – data transmission cable	2006-06-01 –	637513 	Each _____	

ORDER	Customer no.: _____	Order no.: _____
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

17. Coupling, Testers

Article	Description	Production period	Art. no.	Qty.	€
	KMG-LITE dynamometer	2013-11-05 –	639049 	Each _____	

ORDER	Customer no.: _____ Order no.: _____	
	Customer name: _____	
	Shipping address: _____	
	Place/date: _____	Stamp and signature _____

General Terms and Conditions of Sale and Delivery (Issue 01.03.2016)

§ 1 General

1. Our General Terms and Conditions of Sale and Delivery apply to all deliveries and services in accordance with the contract concluded between us and the Customer.
2. Our General Terms and Conditions of Sale and Delivery are exclusively applicable; Customers' conditions which conflict with or deviate from our conditions are not recognised unless we have agreed to them expressly in writing.
3. Our General Terms and Conditions of Sale and Delivery apply only to transactions with business entities as per § 14 of the German Civil Code [BGB].

§ 2 Entry into Contract

1. Our offers are without engagement and non-binding, unless otherwise agreed. Decisive for nature and scope is our order confirmation. We reserve the right to make technical changes as well as changes in form, colour and/or weight insofar as is reasonable.
2. The offer shall be regarded as accepted only when an order confirmation is issued or the goods are dispatched. The issue of a confirmation of receipt or the receipt of a telephone order do not constitute a binding acceptance. In the case of goods that have to be made to order, following our written confirmation the contract shall be regarded as having been entered into even if details of its execution which may affect price and delivery remain to be clarified. The right to make design and form changes during the delivery period is reserved, provided that the subject of delivery and its function and appearance are not fundamentally altered thereby. There will be no resulting change in price.
3. In respect of figures, drawings, calculations and similar documents, we reserve ownership and copyright. This likewise applies to such documents designated as "confidential". These documents may not be made available to third parties without our express prior approval.

§ 3 Prices and Terms of Payment

1. Unless otherwise specified in the order confirmation, our prices apply "ex works", excluding transport and assembly, which shall be invoiced separately. Costs for packaging, with the exception of small and spare parts, are included. The value added tax as required by law is not included in our prices; this tax will be shown separately on the invoice at the legal rate applicable on the date of invoicing.
2. Our invoices shall be due to be paid net (without deduction) within 30 days. The deduction of discounts requires a special agreement in writing.
3. Should the price of materials increase taxes or levies be increased after the contract has been concluded, we shall be entitled to adjust our prices accordingly if there are at least 4 months between entry into contract and intended delivery.
4. Should the Customer commission not only delivery but also assembly or similar services, these shall be invoiced by the hour unless a fixed rate has been agreed expressly. Our valid Terms and Conditions of Installation shall apply to all assembly services.
5. We are entitled, even in the case of conflicting Customer conditions, to set off payments against the Customer's previous debts. If costs and interest have already incurred, we are entitled to set off the payment against the costs, then to the interest and finally to the main service.
6. We are also entitled to make our remaining claims immediately payable and render the execution of all further services subject to an advance payment or provision of security, if we become aware of circumstances that call the solvency and the credit standing of the Customer into question, in particular in the event of default in payment. The right to claim further damages will remain unaffected.
7. During the delay, the Customer cannot invoke the right to possession. Any claim for return on our side during a delay on the Customer's side shall only be considered as withdrawal from the contract if we have specified this expressly in writing.
8. The Customer shall only have the right to offsetting if the Customer's counterclaims have been determined without further legal recourse, beyond dispute or if the counterclaims have been recognised by us. The Customer can only exert a right of retention if and when the counterclaim rests on the same contractual relationship.

§ 4 Place of Fulfilment, Transfer of Risk

1. Unless otherwise specified in the order confirmation, a delivery "ex works" (INCOTERMS 2010) has been agreed. The risk of accidental loss or deterioration of the goods purchased passes to the Customer upon hand-over of the goods to the shipping agent, the freight forwarder or the person or establishment otherwise appointed to execute the shipment. This shall likewise apply in case of partial delivery or if we have taken over other services (e.g. shipping or assembly).
2. Should the Customer be in default of acceptance, the risk of accidental loss or deterioration of the goods purchased shall pass to the Customer. Any storage costs incurred shall comply with § 5 No. 3.
3. If carriage paid delivery of the goods has been agreed, the means of transport must be unloaded immediately by the Customer. Waiting times will always be at the Customer's expense. Direct delivery to site shall always be regarded as on truck on an even, drivable road. Unloading including transportation to the place of use or storage is the responsibility of the Customer who in the event of delay must bear the cost and risk of unloading, stacking, storage or return transport. The recipient acting on behalf of the Customer at the place of unloading shall be regarded as authorised to accept the load with binding effect.

§ 5 Period of Delivery

1. The period of delivery specified by us shall only begin after clarification of all technical questions.
2. Information on delivery dates shall be considered the expected periods of delivery and are always subject to correct and timely delivery by suppliers and/or other manufacturers to us. The Customer may only set a time limit for the supply/performance if the expected delivery date has been exceeded by more than three weeks. This time limit must be reasonable and must amount to a minimum of three weeks. Claims for damages due to non-compliance with an expected delivery date are excluded. Delays in supply and performance as a result of force majeure or as a result of events which materially impede or prevent us from making delivery – including in particular subsequent material sourcing difficulties for which we are not responsible, interruption of operations, strikes, lockouts, official directives, etc., even if these affect our suppliers or sub-suppliers – will be notified to the Customer immediately. Events of this type entitle us to withdraw from the contract either in whole or in part if the order is not yet completed. In the event of withdrawal, any compensating measures already performed by the Customer shall be reimbursed immediately.
3. Should the Customer be in delay of acceptance, we are entitled to store the goods at the Customer's risk and expense. For the corresponding storage costs, we can optionally demand reimbursement of the actually incurred costs or of a fixed rate of 5% of the invoice sum for each commenced month. This also applies to storage by us. The Customer has the right to prove less damage in the event of a claim to flat-rate damage reimbursement.
4. Should, after the time limit set by us has expired, the Customer refuse to accept the goods or declare to no longer want to accept the goods without entitlement to do so, we can also demand damage compensation due to non-fulfilment.
5. Partial deliveries are permissible to a reasonable extent.

§ 6 Reservation of Title

1. We reserve ownership of the goods until complete payment of all claims from the ongoing business relationship with the Customer. Should the value of the reserved goods exceed the claims to be secured from the ongoing business relationship with the Customer by more than 20%, we are obligated to release the reserved goods on Customer request. The selection of the securities to be released is at our discretion.
2. While retention of title is in effect, the Customer is obligated to treat the goods purchased with care and sufficiently insure them against fire, water and theft at their value when new and at the Customer's expense. Any claims asserted for damages by the Customer against the insurer or other third parties due to deterioration of the reserved goods are right now signed over to us at the amount of the invoice sum. Should maintenance and inspection work be required, the Customer shall perform said work regularly at the Customer's own expense. The Customer must inform us immediately and in writing of all access of third parties to the goods, in particular of all foreclosure and any damage to or destruction of the goods. The Customer must inform us of a change in possession of the goods as well as a change in the Customer's address immediately. The Customer must reimburse us of all damage and costs caused by a violation of this obligation and resulting necessary intervention measures to prevent access of third parties to the goods. In the event of access by third parties, the Customer must also provide us with the necessary help to exercise our rights.
3. The Customer is not permitted to pledge reserved goods nor assign them as security.
4. Processing or transformation of goods supplied subject to the reservation of title is always undertaken by the Customer on our behalf. Should the reserved goods be combined or processed with other items, the reservation of title shall continue for the processed or combined goods. If the reserved goods are processed or combined inextricably with items which are not our property, we shall acquire ownership of the new object in the ratio of the invoice value of the reserved goods to the invoice value of the other goods used at the time of processing or combination. The resulting co-ownership rights shall be deemed to be reserved goods in accordance with these terms and conditions. If our goods are joined or combined inextricably with other movable items into a single object and the other object is to be considered the main object, the Customer shall concede proportionate joint ownership to us should the main object belong to the Customer. In the aforementioned cases, the Customer here and now assigns all ownership rights to the processed, joined, or combined goods to us. Instead of a transfer, the Customer shall hold the processed, joined, or combined object in safe custody on our behalf. For the object resulting from processing, use, or combination, the same applies in all other respects as for reserved goods.
5. The Customer is entitled to resell goods supplied subject to reservation of title by way of due and proper business transactions. The Customer here and now assigns all claims with all rights arising from the resale of the reserved goods to us in full. We accept this assignment. Should the Customer sell the reserved goods – after processing/combination – together with goods not belonging to the Customer, the Customer here and now assigns to us the claims resulting from resale at the value at new of the reserved goods along with all ancillary rights. We accept this assignment right now. The Customer is entitled to collect this claim even after assignment. However, we reserve the right to collect the claim ourselves as soon as the Customer fails to properly meet payment obligations and enters into default, or reasonable doubt about the Customer's solvency and credit standing exists. On our request, the amount of the assigned claim, the person of the debtor and all other information required for collection must be provided, the corresponding documents be handed over and the debtor be notified of the assignment.
6. The right to further processing and resale ends with withdrawal from the contract.
7. During the Customer's standard business hours, we are at all times entitled to enter the offices and operating premises to check the reserved goods and to take possession of the reserved goods insofar as the Customer is unable to invoke rights to possession.

§ 7 Defect Claims

1. The Customer shall be entitled to claims for defect only if the Customer's duties to inspect and report pursuant to § 377 of the German Commercial Code [HGB] have been duly complied with. In the event that complaints are not reported in due time and/or in due form, the goods shall be regarded as accepted.
2. For the delivery of objects, we are free to decide to affect supplementary performance either by repair or replacement. If supplementary performance fails, the Customer can at his choice demand a reduction, withdrawal or compensation. In the event of only minor defects the Customer has no right to withdrawal.
3. As a matter of principle, the nature of the goods purchased shall be defined solely by the manufacturer's product description/order confirmation. Public statements, recommendations or advertisements by the manufacturer do not constitute contractual statements as to the nature of the goods.
4. The period of limitation for defect claims is based on § 438, Para. 1, No. 2 of the German Civil Code [BGB] as long as no deviating time limits have been expressly agreed.
5. The Customer is not entitled to assign claims for material defects.

§ 8 Liability

1. We accept liability within legal provisions, provided the Customer asserts claims for damages that are based on intent or gross negligence. In the event of minor negligence, our liability is limited to predictable, typically occurring damage. We are not liable in the event of minor negligence of non-essential contractual obligations whose violation does not threaten the performance of the contract. This also applies to breach of duty by our legal representatives or vicarious agents.
2. Liability for negligent injury to life or limb or the impairment of a person's health remains unaffected from the above limitations of liability; this also applies to Customer claims according to the German Product Liability Act [Produkthaftungsgesetz].

§ 9 Concluding Provisions

1. The law of the Federal Republic of Germany shall apply. The UN Convention on the International Sale of Goods shall not be applicable.
2. To take legal effect, subsidiary agreements and amendments must be confirmed in writing. This likewise applies to any modification of the clause stipulating the written form.
3. Unless otherwise specified in the order confirmation, our headquarters are the place of fulfilment. The exclusive place of jurisdiction for all disputes arising from this contract shall be Bielefeld, Germany.
4. Insofar as individual terms of the contract including these General Terms and Conditions should be or become ineffective either in whole or in part, this shall not affect the validity of the remaining provisions.

Hörmann: Quality without Compromise



Hörmann KG Amshausen, Germany



Hörmann KG Antriebstechnik, Germany



Hörmann KG Brandis, Germany



Hörmann KG Brockhagen, Germany



Hörmann KG Dissen, Germany



Hörmann KG Eckelhausen, Germany



Hörmann KG Freisen, Germany



Hörmann KG Ichttershausen, Germany



Hörmann KG Werne, Germany



Hörmann Alkmaar B.V., Netherlands



Hörmann Legnica Sp. z o.o., Poland



Hörmann Beijing, China



Hörmann Tianjin, China



Hörmann LLC, Montgomery IL, USA



Hörmann Flexon LLC, Burgettstown PA, USA



Shakti Hörmann Ltd., India

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source. We manufacture in highly-specialised factories using the latest production technologies. The close-meshed network of sales and service companies throughout Europe, and activities in the USA and Asia, make Hörmann your strong partner for first-class building products, offering “Quality without Compromise”.

GARAGE DOORS
OPERATORS
INDUSTRIAL DOORS
LOADING EQUIPMENT
HINGED DOORS
DOOR FRAMES

HÖRMANN