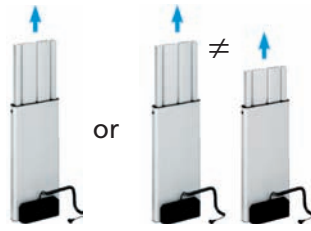


Controls for lifting columns and electric cylinders

Mono

Mono operation
1 drive singly



Mono operation
2 drives parallel



"The Simple Solution"
Transformer control 120 VA
Single or parallel operation



"The Strong Solution"
MultiControl mono
Single or parallel operation

Battery/Mono



MultiControl accu 1.2 Ah
Single/parallel operation and 1-2 drives
memory or synchronous operation



MultiControl accu 7.2 Ah
Single/parallel operation and 1-2 drives
memory or synchronous operation

Controls for LAMBDA actuators/ Mono



1-3 single or parallel operation

Synchro

Duo mode
2 drives synchronised



Synchronous mode
3-4 drives synchronised



MultiControl duo
2 drives synchronised



MultiControl duo silent
2 drives synchronised



MultiControl quadro
3-4 drives synchronised

Battery/Synchro



MultiControl accu 1.2 Ah
Single/parallel operation
and 1-2 drives
memory or synchronous operation



MultiControl accu 7.2 Ah
Single/parallel operation
and 1-2 drives
memory or synchronous operation

Controls for LAMBDA actuators/ Synchro

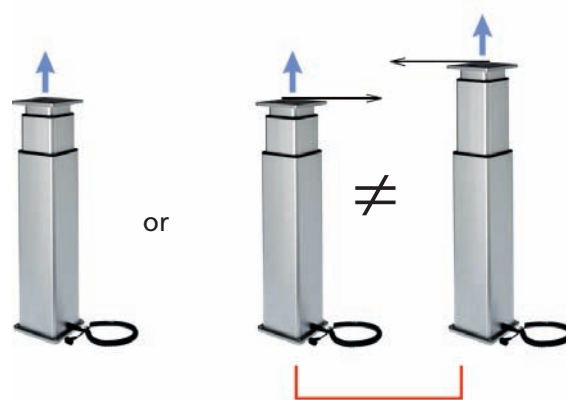
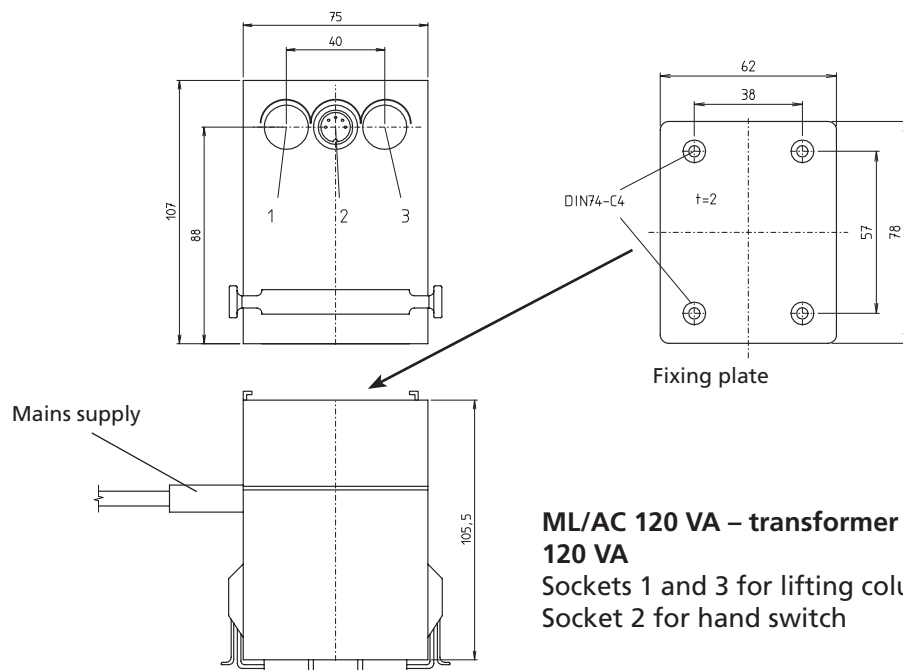


2 drives synchronised
or 2 drives synchronised
+ 1 additional drive

Controls for lifting columns and electric cylinders - Table of contents

Versions (Dimensions, order numbers)	Mono	■ Transformer control 120 VA 614
		■ MultiControl mono 616
		■ Control for LAMBDA actuators 630
	Synchro	■ MultiControl duo 618
		■ MultiControl duo silent 620
		■ MultiControl quadro 622
		■ Synchronous control for LAMBDA actuators 632
	Battery	■ MultiControl accu 624
	Accessories	■ PLC/PC data interface..... 634

Transformer control 120 VA



Single/parallel operation

* in the case of RKSlift only one lifting column can be controlled

Features:

- Connection for one or two drives
- Parallel movement when operating two drives (not synchronised)
- Used together with a hand switch (6 function keys) this unit supports joint/individual operation of two drives

General information/operating conditions

Max. duty cycle	20% (at 18 mins cycle time)
Input voltage	230 V AC (115 V AC available on request)
Output voltage	24 V DC
Output	120 VA
Current output	Max. 3 A
Protection class	IP 20
Length of mains cable	4 m

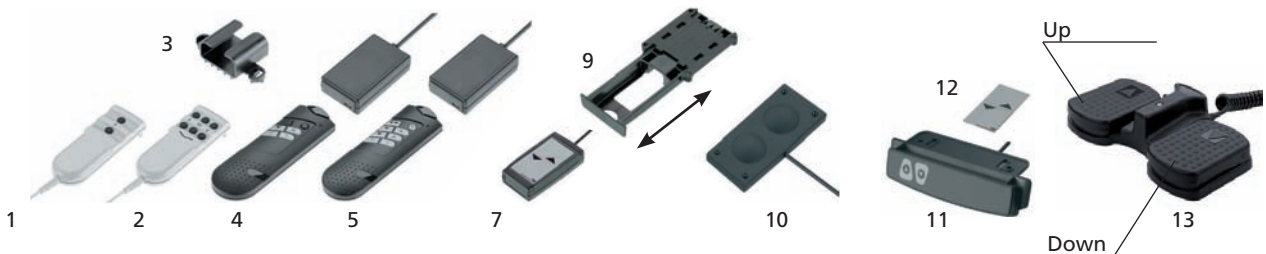
Controls

Code No.	for drive
QZA07C13BQ021	Alpha Colonne
QZA07C13AX021	Multilift
QZA09C13BH031	RKSlift – mono operation only
QZA07C13BQ021	Electric cylinder LZ 60, elec. connection "a", up to max. 3 A
QZA07C13BQ021	Drive unit LZ S/P, elec. connection "a", up to max. 3 A

Fixing plate for transformer control 120 VA

Code No.	Type
QZD020083	Fixing plate, control is pushed onto the fixing plate

Hand switches/accessories



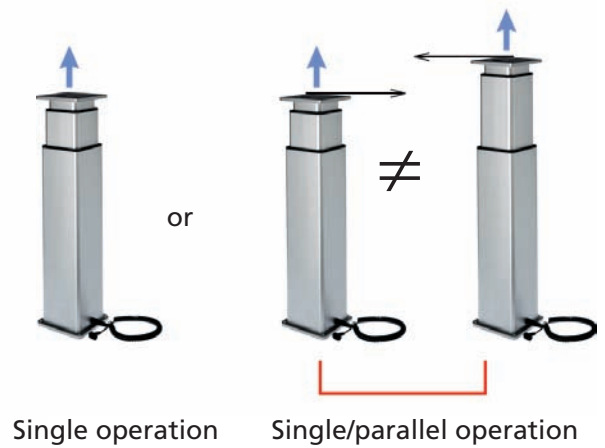
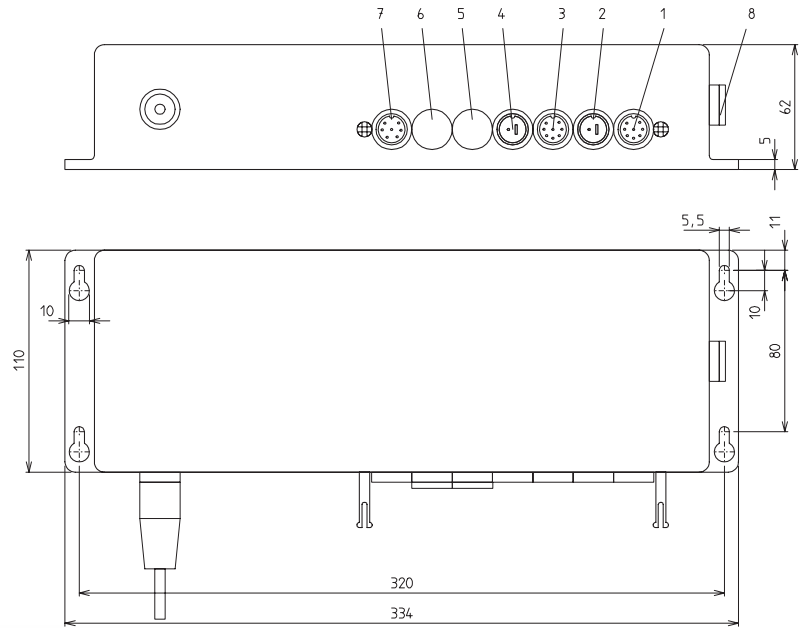
Code No.	Version	Mono operation	Parallel operation	2 drives with individual control	Fig.
QZB02C03AB031	Hand switch with 1 m spiral cable – 2 function keys	X	(X)		1
QZB02C03AD031	Hand switch with 1 m spiral cable – 6 function keys	X	X	X	2
QZB02C03AB011	Infra-red remote control – 2 function keys	X	(X)		4
QZB02C03AD011	Infra-red remote control – 6 function keys	X	X	X	5
QZB00D04AB041	Hand switch with 1 m spiral cable – 2 function keys	X	(X)		7
QZB02A03AB041	Undercover hand switch with "angled" plug	X			10
QZB00A00AB051	Table hand switch with 1 m spiral cable – 2 function keys	X			11
QZB00A00BC011	Membrane keyboard with 1 m spiral cable – 2 function keys	X	(X)		12
QZB02C01AE114	Foot switch – 2 function keys	X	(X)		13
Accessories					
QZD000072	Bracket for hand switch				3
QZD000074	Drawer for hand switch				9

(X) = limited use

MultiControl mono

Control - MultiControl mono

- Socket 1 8-pin DIN socket for drive 1
- Socket 2 2-pin DIN socket for drive 1
- Socket 3 8-pin DIN socket for drive 2
- Socket 4 2-pin DIN socket for drive 2
- Socket 5 not assigned
- Socket 6 access to DIP switches
- Socket 7 7-pin DIN socket for parallel hand switch with 2 or 6 function keys
- Socket 8 not assigned



Features:

- Single or parallel operation of up to two lifting columns or electric cylinders (not synchronised)
- Adjustable equivalent voltage of 24 V DC or 36 V DC by means of DIP switches
- External potentiometer (customer-supplied) for setting an infinitely variable motor speed
- Temperature and duty cycle monitoring as overload protection (standard)
- Used together with a hand switch (6 function keys) this unit supports joint/individual movement of two drives

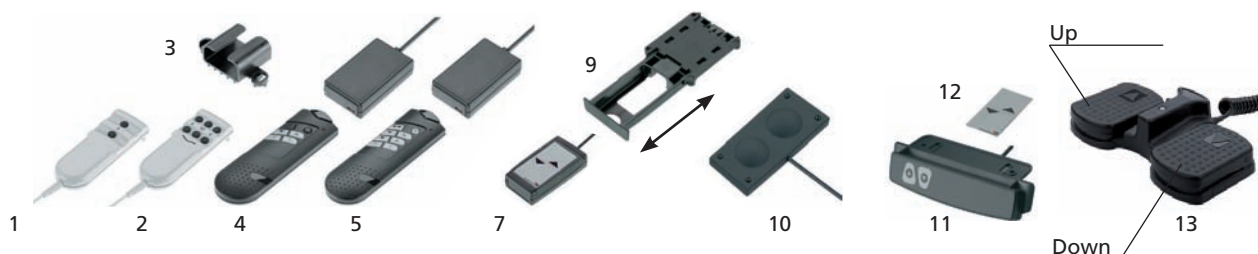
General information/operating conditions

The following can be connected:	Multilift, Alpha Colonne, RKPowerlift (external control), RK Slimlift, Linear cylinder LZ 60, drive unit LZ
Max. duty cycle	20% (at 10 mins cycle time)
Input voltage	230 V AC (115 V AC available on request)
Output voltage	Adjustable, 24 or 36 V DC
Power	300 VA
Current output	Max. 10 A
Protection class	IP 30
Length of mains cable	1.8 m

Controls

Code No.	for drive
QST61C01AA000	Alpha Colonne, 230 V AC
QST10C01AA000	Multilift , 230 VAC
QST41C01AA000	RKPowerlift Spindle, 230 V AC
QST43C01AA000	RKPowerlift telescope, 230 V AC
QST44C01AA000	RKPowerlift M, 230 V AC
QST20C01AA000	RKSlimlift, 230 V AC
QST21C01AA000	RKSlimlift EM, 230 V AC
QST30C01AA000	Electric cylinder LZ 60, 230 V AC
QST35C01AA000	Drive unit LZ S/P, 230 V AC

Hand switches/accessories



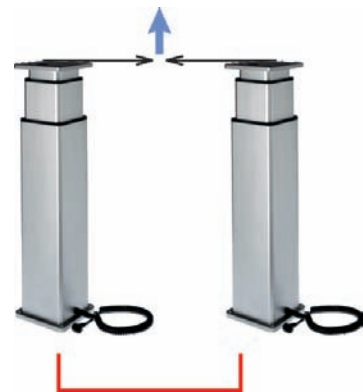
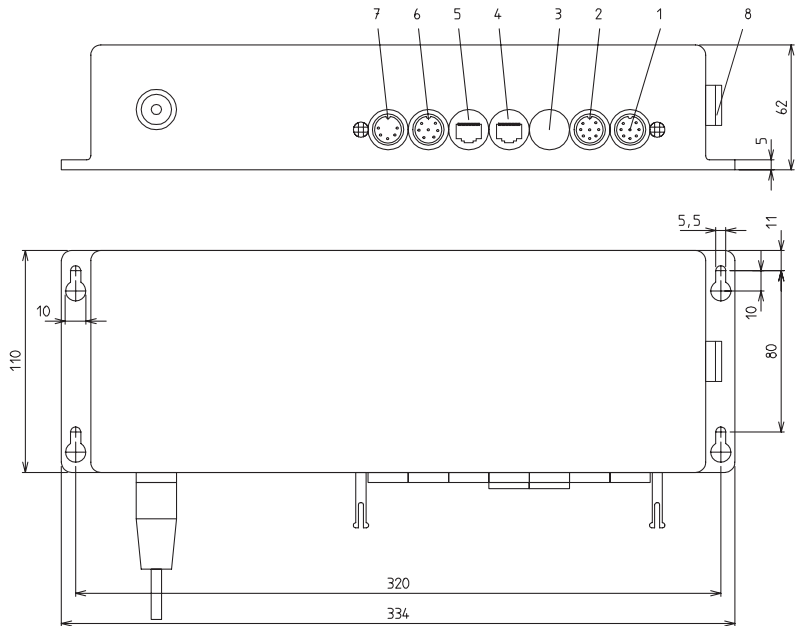
Code No.	Version	Mono operation	Parallel operation	2 drives with individual control	Fig.
QZB02C03AB031	Hand switch with 1 m spiral cable – 2 function keys	X	(X)		1
QZB02C03AD031	Hand switch with 1 m spiral cable – 6 function keys	X	X	X	2
QZB02C03AB011	Infra-red remote control – 2 function keys	X	(X)		4
QZB02C03AD011	Infra-red remote control – 6 function keys	X	X	X	5
QZB00D04AB041	Hand switch with 1 m spiral cable – 2 function keys	X	(X)		7
QZB02A03AB041	Undercover hand switch with "angled" plug	X			10
QZB00A00AB051	Table hand switch with 1 m spiral cable – 2 function keys	X			11
QZB00A00BC011	Membrane keyboard with 1 m spiral cable – 2 function keys	X	(X)		12
QZB02C01AE114	Foot switch – 2 function keys	X	(X)		13
Accessories					
QZD000072	Bracket for hand switch				3
QZD000074	Drawer for hand switch				9

(X) = limited use

MultiControl duo

Control - MultiControl duo

- Socket 1 8-pin DIN socket for drive 1
- Socket 2 8-pin DIN socket for drive 2
- Socket 3 not assigned
- Socket 4 Bus
- Socket 5 Bus
- Socket 6 6-pin DIN socket for serial hand switch
- Socket 7 5-pin DIN socket for parallel hand switch with 2 function keys
- Socket 8 not assigned



2 drives synchronised

Features:

- Synchronous control of up to two drives
- Duty cycle monitoring as overload protection (can be activated as standard)
- Current height display with 6-key hand switch
- The hand switch with six function keys supports storage of nine different intermediate positions (memory) which can be called up at the touch of a button
- For simple synchronous operation, we recommend the 2-key hand switch
- Supports connection to a PLC/PC data interface
- Bus cable enables the networking of up to 8 controls

General information/operating conditions

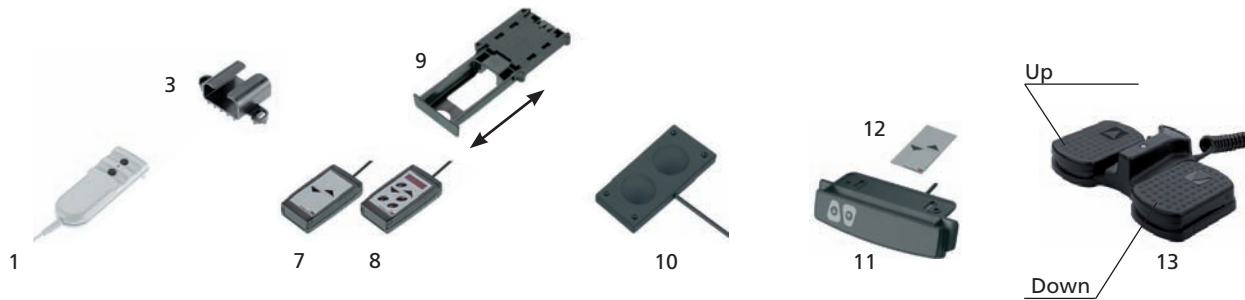
The following can be connected:	Multilift, Alpha Colonne, RKPowerlift (external control), RK Slimlift, Linear cylinder LZ 60, drive unit LZ
Max. duty cycle	20% (at 10 mins cycle time)
Input voltage	230 V AC (115 V AC available on request)
Output voltage	36 V DC
Power	300 VA
Current output	Max. 12 A
Protection class	IP 30
Length of mains cable	1.8 m

Controls

Code No.	for drive
QST35C02AA000	Drive unit LZ S/P, 230 V AC
QST61C02AA000	Alpha Colonne, 230 V AC
QST10C02AA000	Multilift , 230 V AC
QST42C02AA000	RKPowerlift Spindle, 230 V AC
QST43C02AA000	RKPowerlift telescope, 230 V AC
QST44C02AA000	RKPowerlift M, 230 V AC

Code No.	for drive
QST20C02AA000	RK Slimlift, 230 V AC
QST21C02AA000	RK Slimlift EM, 230 V AC
QST30C02AA000	Electric cylinder LZ 60, 230 V AC

Hand switches/accessories



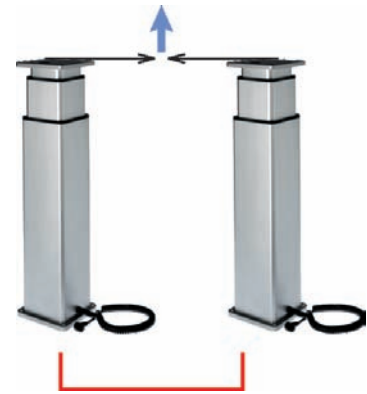
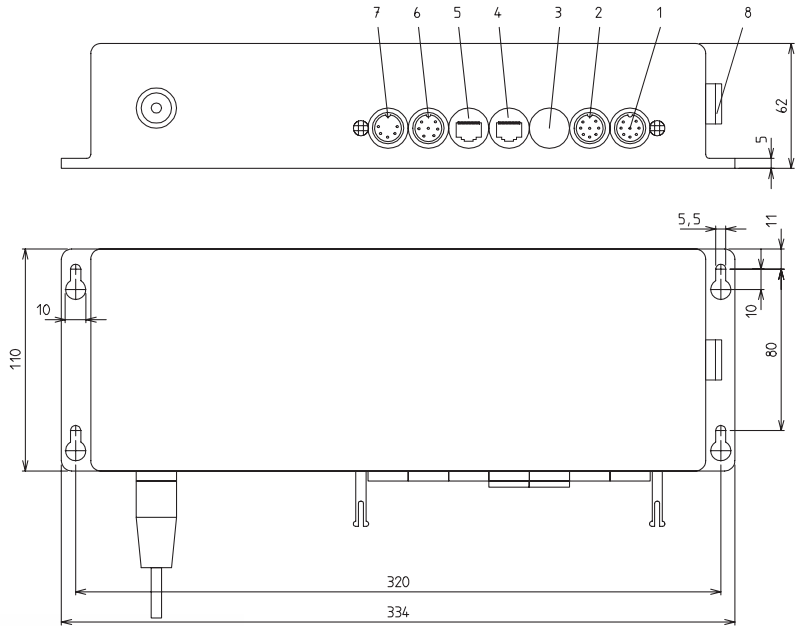
Code No.	Version	Synchronous operation	Commissioning bus system	Memory function	Fig.
QZB02C03AB031	Hand switch with 1 m spiral cable – 2 function keys	X			1
QZB00D04AB041	Hand switch with 1 m spiral cable – 2 function keys	X			7
QZB00D04AD041	Hand switch with 1 m spiral cable – 6 function keys/display	X	X	X	8
QZB02A03AB041	Undercover hand switch with "angled" plug	X			10
QZB00A00AB051	Table hand switch with 1 m spiral cable – 2 function keys	X			11
QZB00A00BC011	Membrane keyboard with 1 m spiral cable – 2 function keys	X			12
QZB02C01AE114	Foot switch – 2 function keys	X			13
Accessories					
QZD000072	Bracket for hand switch				3
QZD000074	Drawer for hand switch				9
QZD100093	Bus cable 6 m for networking synchronous control				

MultiControl duo silent

Low-noise control for sensitive areas

Control - MultiControl duo

- Socket 1 8-pin DIN socket for drive 1
- Socket 2 8-pin DIN socket for drive 2
- Socket 3 not assigned
- Socket 4 Bus
- Socket 5 Bus
- Socket 6 6-pin DIN socket for serial hand switch
- Socket 7 5-pin DIN socket for parallel hand switch with 2 function keys
- Socket 8 not assigned



2 drives synchronised

Features:

- Synchronous control of up to two drives
- Duty cycle monitoring as overload protection (can be activated as standard)
- Current height display with 6-key hand switch
- The hand switch with six function keys supports storage of nine different intermediate positions (memory) which can be called up at the touch of a button
- Significant noise reduction due to a 30% reduction in speed compared to the Multi-Control duo
- Supports connection to a PLC/PC data interface
- Bus cable enables the networking of up to 8 controls



General information/operating conditions

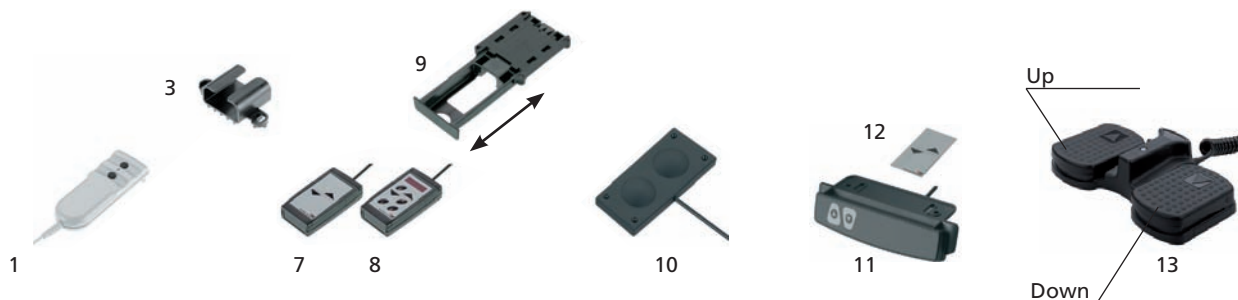
The following can be connected:	Multilift, Alpha Colonne, RKPowerlift (external control), RK Slimlift, Linear cylinder LZ 60, drive unit LZ
Max. duty cycle	10% (at 10 mins cycle time)
Input voltage	230 V AC (115 V AC available on request)
Output voltage	24 V DC
Power	250 VA
Current output	Max. 10 A
Protection class	IP 30
Length of mains cable	1.8 m

Controls

Code No.	for drive
QST61C02AD000	Alpha Colonne, 230 V AC
QST10C02AD000	Multilift , 230 V AC
QST42C02AD000	RKPowerlift Spindle, 230 V AC

Code No.	for drive
QST20C02AD000	RK Slimlift, 230 V AC
QST21C02AD000	RK Slimlift EM, 230 V AC
QST30C02AD000	Electric cylinder LZ 60, 230 V AC

Hand switches/accessories

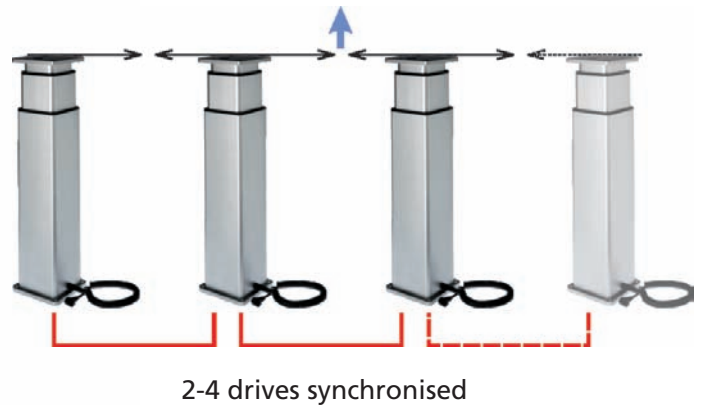
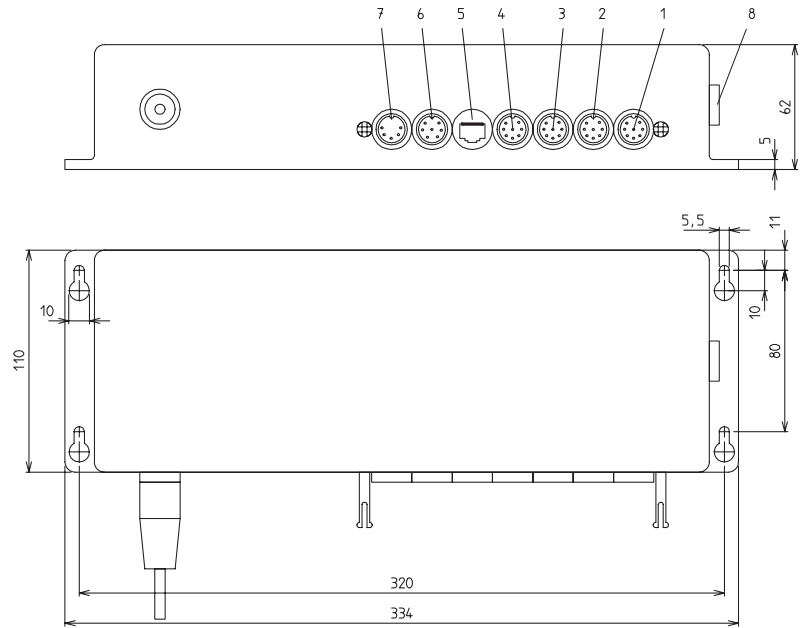


Code No.	Version	Synchro- nous operation	Commissioning bus system	Memory function	Fig.
QZB02C03AB031	Hand switch with 1 m spiral cable – 2 function keys	X			1
QZB00D04AB041	Hand switch with 1 m spiral cable – 2 function keys	X			7
QZB00D04AD041	Hand switch with 1 m spiral cable – 6 function keys/display	X	X	X	8
QZB02A03AB041	Undercover hand switch with "angled" plug	X			10
QZB00A00AB051	Table hand switch with 1 m spiral cable – 2 function keys	X			11
QZB00A00BC011	Membrane keyboard with 1 m spiral cable – 2 function keys	X			12
QZB02C01AE114	Foot switch – 2 function keys	X			13
Accessories					
QZD000072	Bracket for hand switch				3
QZD000074	Drawer for hand switch				9

MultiControl quadro 230 V

Control - MultiControl quadro

- Socket 1 8-pin DIN socket for drive 1
- Socket 2 8-pin DIN socket for drive 2
- Socket 3 8-pin DIN socket for drive 3
- Socket 4 8-pin DIN socket for drive 4
- Socket 5 Bus
- Socket 6 6-pin DIN socket for serial hand switch
- Socket 7 5-pin DIN socket for parallel hand switch with 2 function keys
- Socket 8 Special functions



Features:

- The synchronous control can operate up to four drives
- Duty cycle monitoring protects the system against overload (can be activated as standard)
- The hand switch with 6 function keys supports storage of nine different intermediate positions (memory) which can be called up at the touch of a button
- 2-key hand switch for simple synchronous operation
- Supports connection to a PLC/PC data interface
- Bus cable enables the networking of up to 8 controls

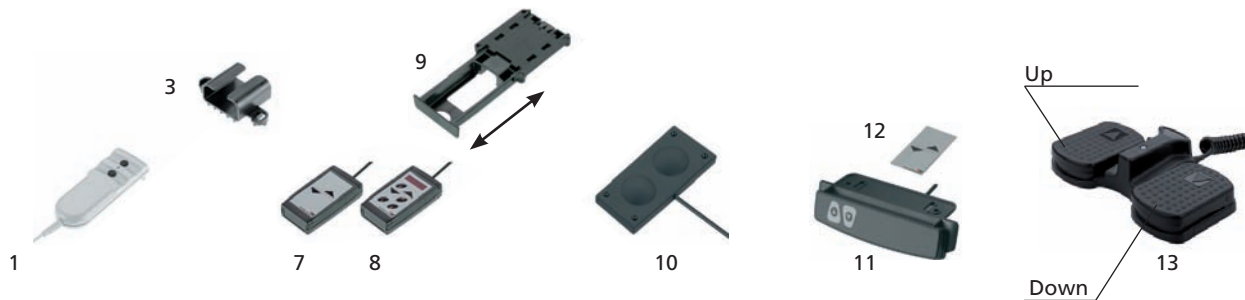
General information/operating conditions

The following can be connected:	Multilift, Alpha Colonne, RKPowerlift (external control), RK Slimlift, Linear cylinder LZ 60, drive unit LZ
Max. duty cycle	20% (at 10 mins cycle time)
Input voltage	230 V AC (115 V AC available on request)
Output voltage	36 V DC
Power	300 VA
Current output	Max. 12 A
Protection class	IP 30
Length of mains cable	1.8 m

Controls

Code No.	for drive	Code No.	for drive
QST35C04AA000	Drive unit LZ S/P, 230 V AC	QST20C04AA000	RK Slimlift, 230 V AC
QST61C04AA000	Alpha Colonne, 230 V AC	QST21C04AA000	RK Slimlift EM, 230 V AC
QST10C04AA000	Multilift, 230 V AC	QST30C04AA000	Electric cylinder LZ 60, 230 V AC
QST42C04AA000	RKPowerlift Spindle, 230 V AC		
QST43C04AA000	RKPowerlift telescope, 230 V AC		
QST44C04AA000	RKPowerlift M, 230 V AC		

Hand switches/accessories



Code No.	Version	Synchro-nous operation	Commissioning bus system	Memory function	Fig.
QZB02C03AB031	Hand switch with 1 m spiral cable – 2 function keys	X			1
QZB00D04AB041	Hand switch with 1 m spiral cable – 2 function keys	X			7
QZB00D04AD041	Hand switch with 1 m spiral cable – 6 function keys/display	X	X	X	8
QZB02A03AB041	Undercover hand switch with "angled" plug	X			10
QZB00A00AB051	Table hand switch with 1 m spiral cable – 2 function keys	X			11
QZB00A00BC011	Membrane keyboard with 1 m spiral cable – 2 function keys	X			12
QZB02C01AE114	Foot switch – 2 function keys	X			13
Accessories					
QZD000072	Bracket for hand switch				3
QZD000074	Drawer for hand switch				9

MultiControl accu

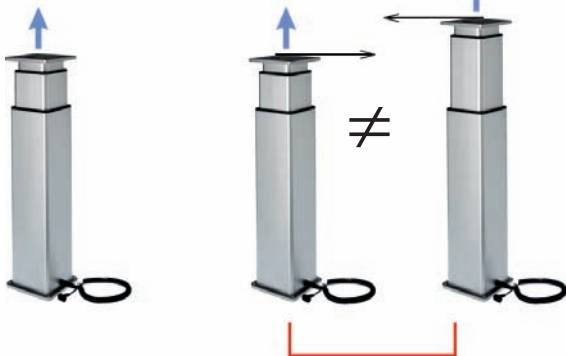


Battery 1.2 Ah



Battery 7.2 Ah

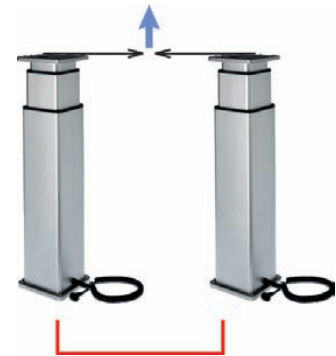
MultiControl mono



Single operation

Single/parallel operation

MultiControl duo



2 drives synchronised

Features:

- For mobile devices
- Depending on the drive and task, applications can be run independent of a mains power supply for more than 40 hours
- Memory function for storing preferred positions with MultiControl duo
- Mains-independent battery mode
- Processor-assisted charging: deep discharge protection, overload protection, trickle charging, audible undervoltage indicator

Options:

- Choice of two battery versions (1.2 Ah or 7.2 Ah)
- Choice of mono or duo version for parallel or synchronous operation
- External potentiometer for setting an infinitely variable motor speed
- Storage of 9 different positions (duo)

General information/operating conditions

The following can be connected:	Multilift, Alpha Colonne, RKPowerlift (external control), RK Slimlift, Linear cylinder LZ 60
Max. duty cycle	20% (at 10 mins cycle time)
Input voltage	230 V AC (115 V AC available on request)
Input power	250 VA (at 1.2 Ah)/300 VA (at 7.2 Ah)
Nominal voltage (battery)	24 V DC
Max. discharge current	5 A (at 1.2 Ah)/10 A (at 7.2 Ah)
Max. charging time	approx. 14 hours
Protection class	II
Protection class	IP 30
Operating temperature	10°C to 35°C
Storage temperature	10°C to 40°C
Charge cycles	at 30% discharge approx. 1000
Weight	Control 3.5 kg/battery 1.5 kg (1.2 Ah)/battery 5.6 kg (7.2 Ah)
Battery cable length	0.15 m (at 1.2 Ah)/0.45 m (at 7.2 Ah)
Length of mains cable	1.8 m

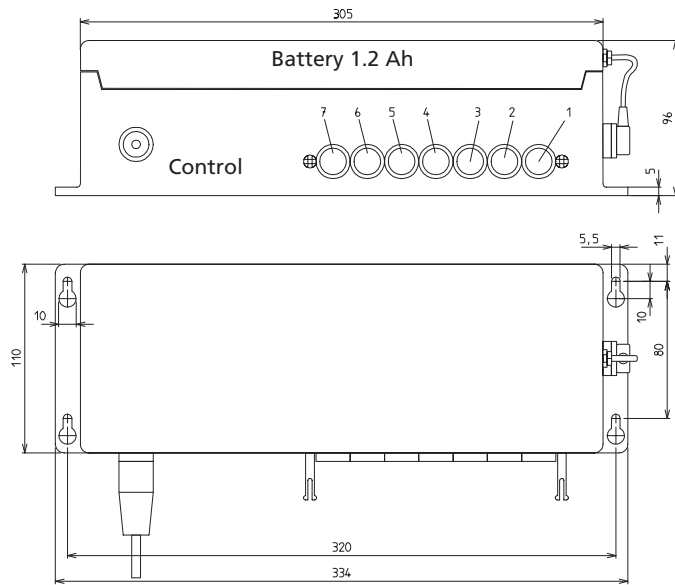
Controls

Code No.	for drive
MultiControl mono accu 1.2 Ah	
QST20C01AE100	RKSlimlift
QST21C01AE100	RKSlimlift EM
QST61C01AE100	Alpha Colonne II
QST10C01AE100	Multilift
QST44C01AE100	RKPowerlift M
QST42C01AE100	RKPowerlift Spindle
QST43C01AE100	RKPowerlift telescope
QST40C01AE100	RKPowerlift Rack
QST30C01AE100	LZ60
MultiControl duo accu 1.2 Ah	
QST20C02AE100	RKSlimlift
QST21C02AE100	RKSlimlift EM
QST61C02AE100	Alpha Colonne II
QST10C02AE100	Multilift
QST44C02AE100	RKPowerlift M
QST42C02AE100	RKPowerlift Spindle
QST43C02AE100	RKPowerlift telescope
QST40C02AE100	RKPowerlift Rack
QST30C02AE100	LZ60

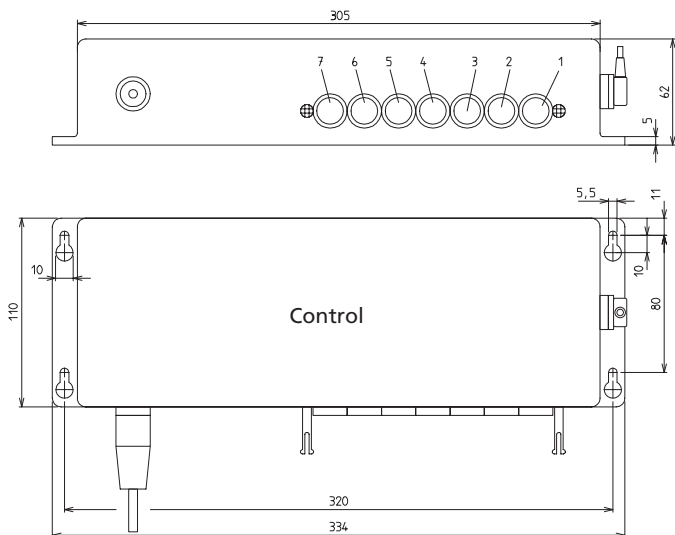
Code No.	for drive
MultiControl mono accu 7.2 Ah	
QST20C01AF100	RKSlimlift
QST21C01AF100	RKSlimlift EM
QST61C01AF100	Alpha Colonne II
QST10C01AF100	Multilift
QST44C01AF100	RKPowerlift M
QST42C01AF100	RKPowerlift Spindle
QST43C01AF100	RKPowerlift telescope
QST40C01AF100	RKPowerlift Rack
QST30C01AF100	LZ 60
MultiControl duo accu 7.2 Ah	
QST20C02AF100	RKSlimlift
QST21C02AF100	RKSlimlift EM
QST61C02AF100	Alpha Colonne II
QST10C02AF100	Multilift
QST44C02AF100	RKPowerlift M
QST42C02AF100	RKPowerlift Spindle
QST43C02AF100	RKPowerlift telescope
QST40C02AF100	RKPowerlift Rack
QST30C02AF100	LZ 60

MultiControl accu

MultiControl mono/duo accu 1.2 Ah



MultiControl mono/duo accu 7.2 Ah

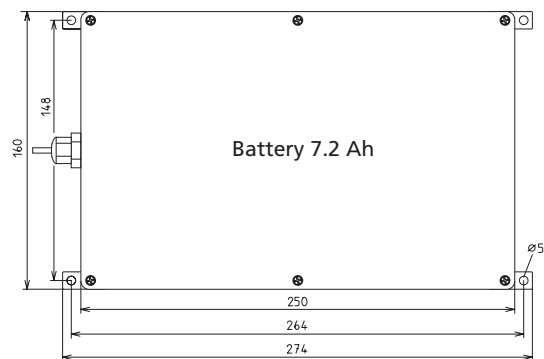
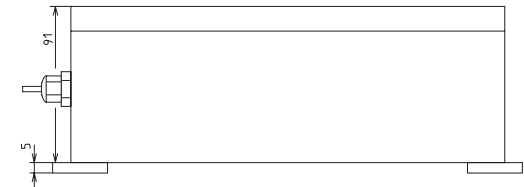


MultiControl mono accu

- Socket 1 8-pin DIN socket for drive 1
- Socket 2 2-pin DIN socket for drive 1
- Socket 3 8-pin DIN socket for drive 2
- Socket 4 2-pin DIN socket for drive 2
- Socket 5 not assigned
- Socket 6 access to DIP switches
- Socket 7 7-pin DIN socket for parallel hand switches with 2 or 6 function keys

MultiControl duo accu

- Socket 1 8-pin DIN socket for drive 1
- Socket 2 8-pin DIN socket for drive 2
- Socket 3 not assigned
- Socket 4 not assigned
- Socket 5 not assigned
- Socket 6 6-pin DIN socket for serial hand switch
- Socket 7 5-pin DIN socket for parallel hand switches with 2 function keys

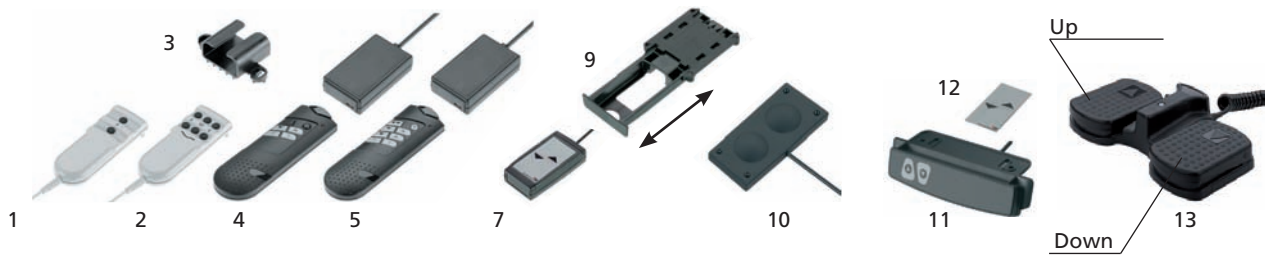


Mobile patient chair



Height-adjustable lectern

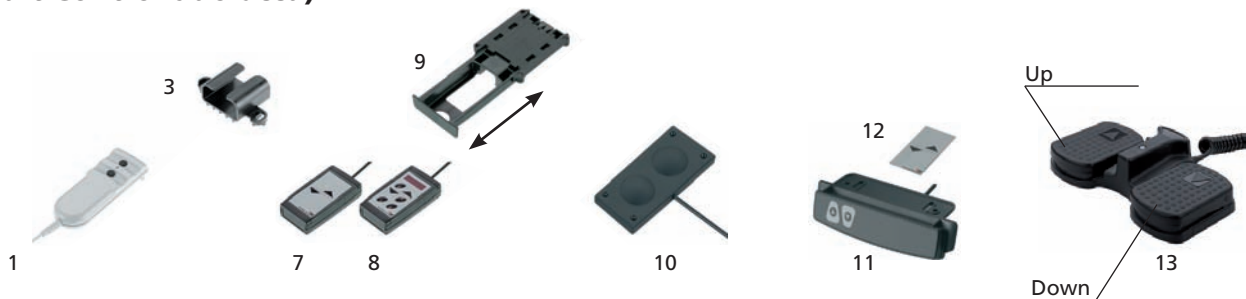
Hand switches/accessories (MultiControl mono accu)



Code No.	Version	Mono operation	Parallel operation	2 drives with individual control	Fig.
QZB02C03AB031	Hand switch with 1 m spiral cable – 2 function keys	X	(X)		1
QZB02C03AD031	Hand switch with 1 m spiral cable – 6 function keys	X	X	X	2
QZB02C03AB011	Infra-red remote control – 2 function keys	X	(X)		4
QZB02C03AD011	Infra-red remote control – 6 function keys	X	X	X	5
QZB00D04AB041	Hand switch with 1 m spiral cable – 2 function keys	X	(X)		7
QZB02A03AB041	Undercover hand switch with "angled" plug	X			10
QZB00A00AB051	Table hand switch with 1 m spiral cable – 2 function keys	X			11
QZB00A00BC011	Membrane keyboard with 1 m spiral cable – 2 function keys	X	(X)		12
QZB02C01AE114	Foot switch – 2 function keys	X	(X)		13
Accessories					
QZD000072	Bracket for hand switch				3
QZD000074	Drawer for hand switch				9

(X) = limited use

Hand switches/accessories (MultiControl duo accu)

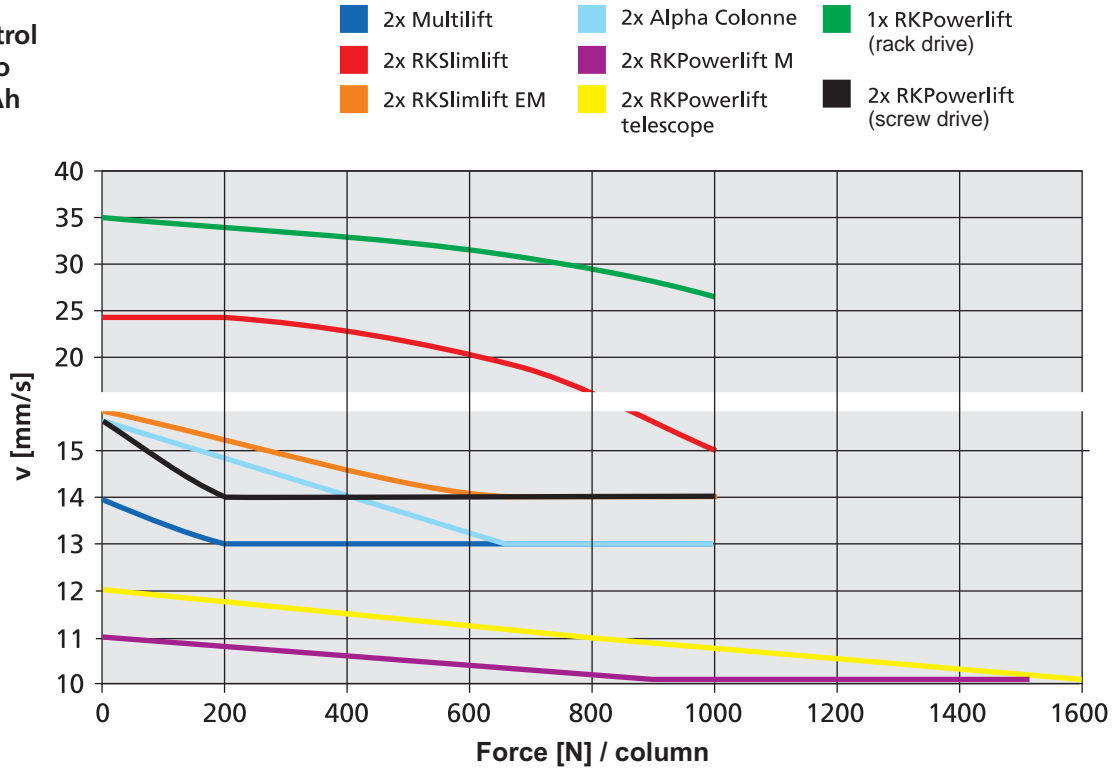


Code No.	Version	Synchronous operation	Commissioning bus system	Memory function	Fig.
QZB02C03AB031	Hand switch with 1 m spiral cable – 2 function keys	X			1
QZB00D04AB041	Hand switch with 1 m spiral cable – 2 function keys	X			7
QZB00D04AD041	Hand switch with 1 m spiral cable – 6 function keys/display	X	X	X	8
QZB02A03AB041	Undercover hand switch with "angled" plug	X			10
QZB00A00AB051	Table hand switch with 1 m spiral cable – 2 function keys	X			11
QZB00A00BC011	Membrane keyboard with 1 m spiral cable – 2 function keys	X			12
QZB02C01AE114	Foot switch – 2 function keys	X			13
Accessories					
QZD000072	Bracket for hand switch				3
QZD000074	Drawer for hand switch				9

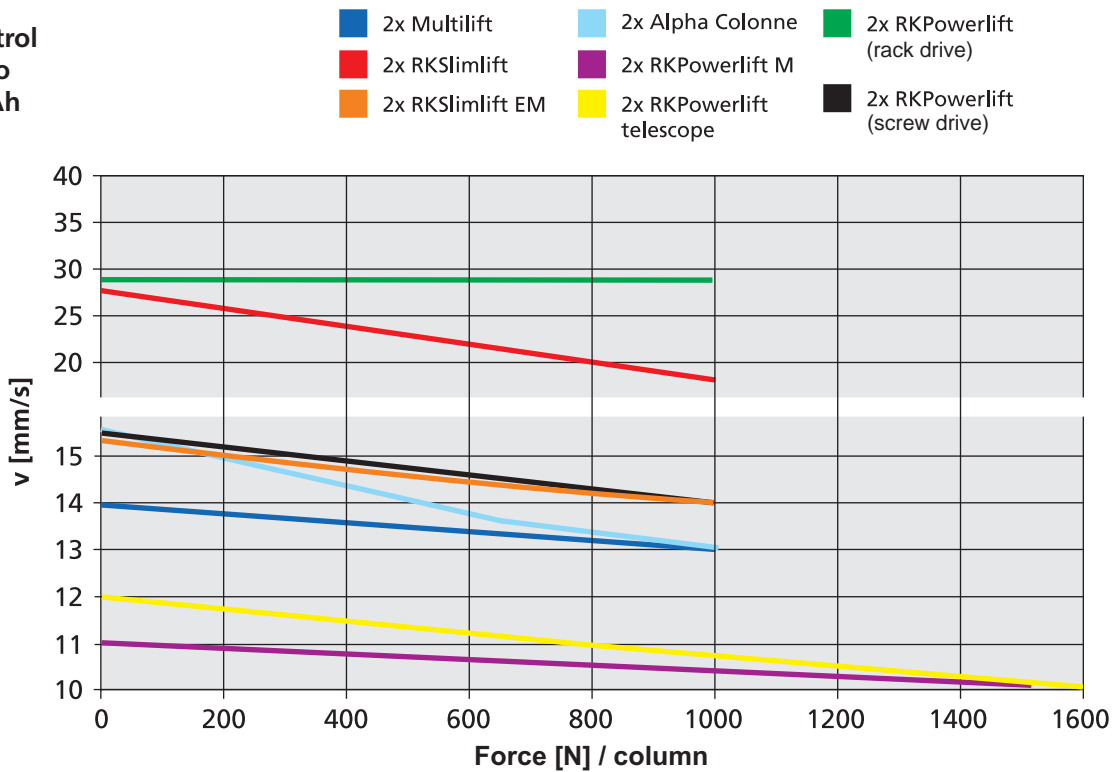
MultiControl accu

Speed achievable in battery mode

MultiControl
mono/duo
accu 1.2 Ah

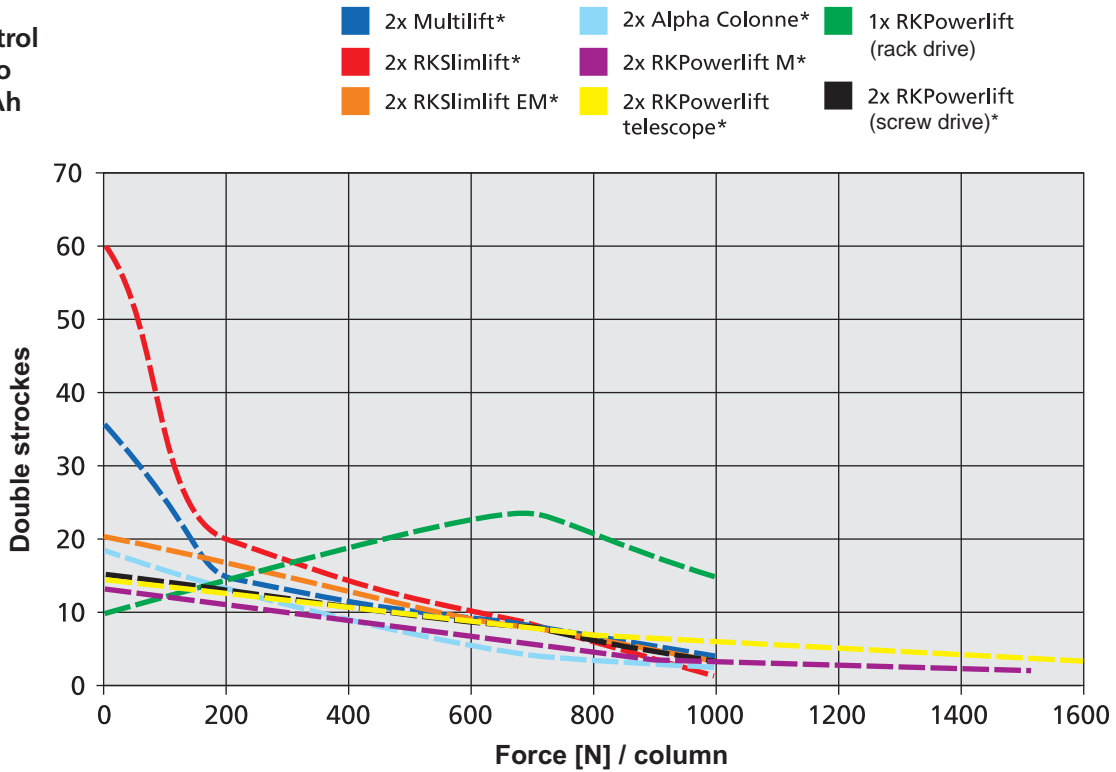


MultiControl
mono/duo
accu 7.2 Ah

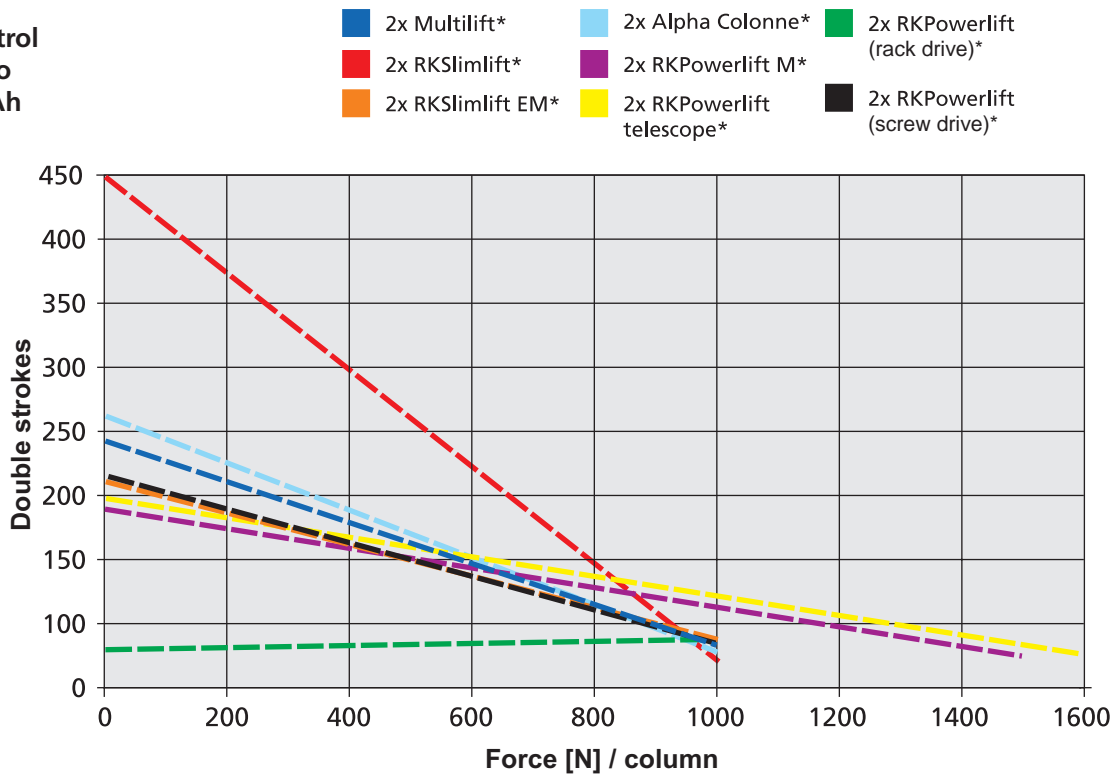


Double strokes achievable in battery mode

**MultiControl
mono/duo
accu 1.2 Ah**



**MultiControl
mono/duo
accu 7.2 Ah**



*Values with 2 drives in parallel/synchronous operation (with a stroke of 500 mm).
These values increase by a factor of 2.5 if a single drive is used.

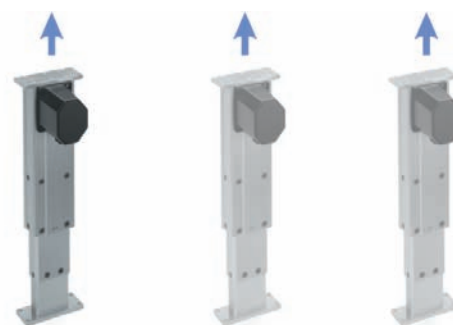
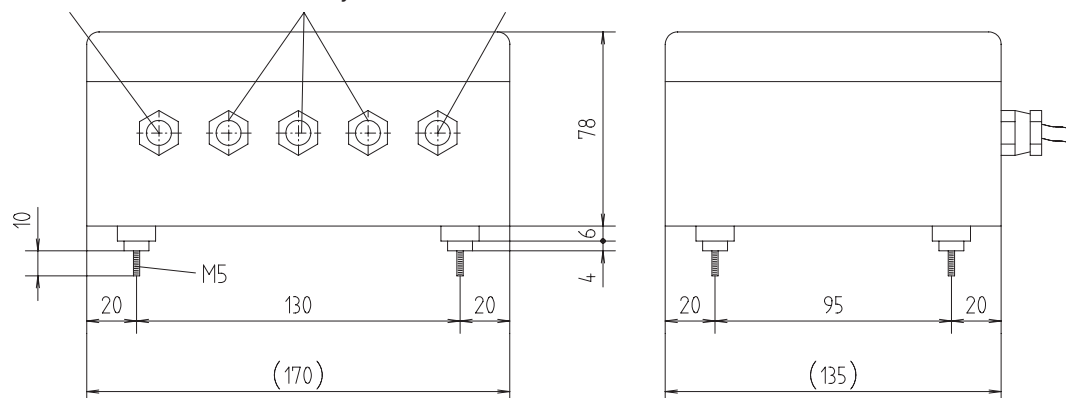
Transformer control for LAMBDA actuators

LAMBDA Colonne LBC/LAMBDA LBG electric cylinder

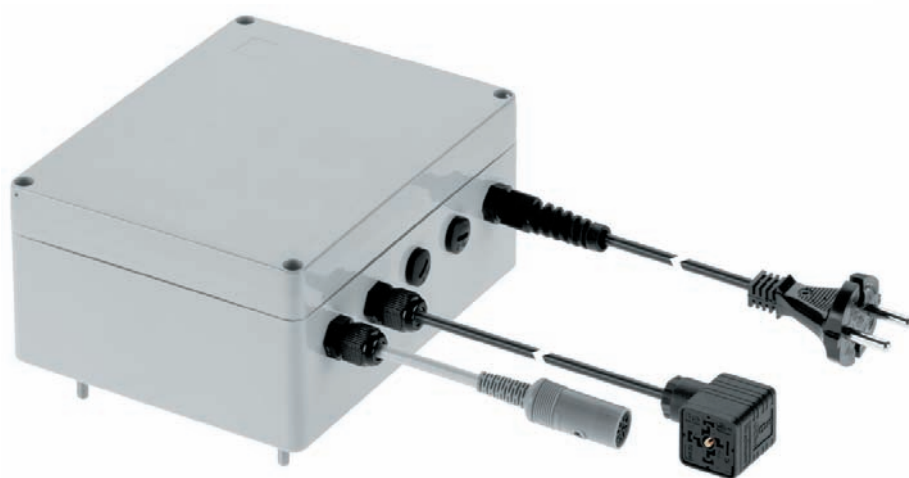
Cable for switch with coupling
DIN 45 326 8P

Connecting cable 1.5 m
for 1-3 electric cylinders

Mains cable 3 m



1-3 single operation



Features:

- Integrated thermal monitoring
- Low magnetic leakage toroidal transformer with extremely low power consumption
- Movement of loads up to a total of 8,000 N

Options:

- Depending on the version, this unit can operate up to three individual LAMBDA actuators
- Operation with a hand switch (accessories)

General information/operating conditions

Transformer control	LBM/LBC 1 (for 1 drive) LBM/LBC 2 (for 2 drives) LBM/LBC 3 (for 3 drives)
Duty cycle	Max. 30%
Input voltage	230 V AC/50Hz (standard) or 110 V AC/50-60Hz (optional)
Supply voltage (retraction/extension)	24 V DC
Power	192 VA
Protection class	IP 54
Length of mains cable	3 m

Controls



Code No.	Version	
QZA01C04AD011	LBM/LBC 1 transformer control	Controls up to 1 electric cylinder
QZA01C04AE011	LBM/LBC 2 transformer control	Controls up to 2 electric cylinders
QZA01C04AF011	LBM/LBC 3 transformer control	Controls up to 3 electric cylinders

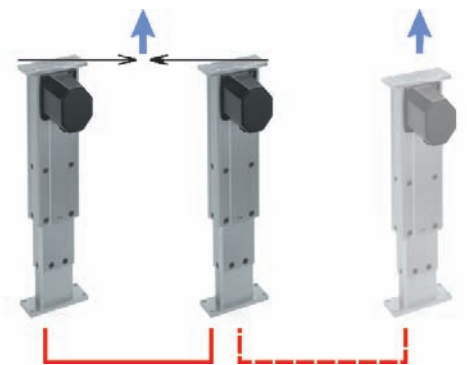
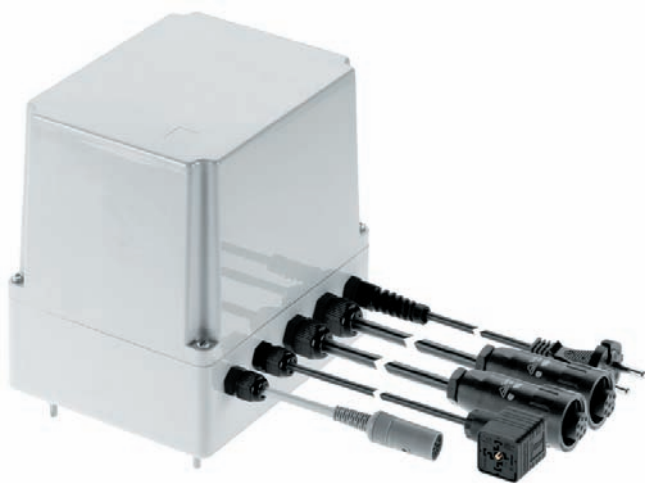
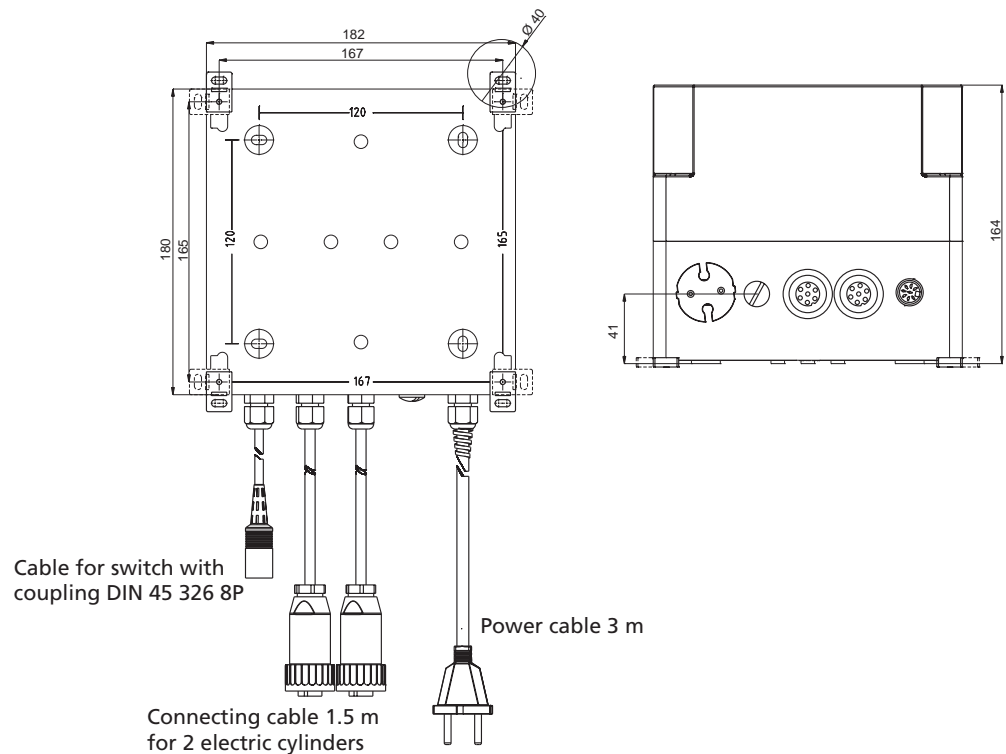
Hand switches/accessories



Code No.	Version	
QZB03C02AD031	LAMBDA hand switch with fixing clip – 6 function keys	Controls up to 3 drives

Synchronous control for LAMBDA actuators

LAMBDA Colonne LAMBDA LBS electric cylinder



2 drives synchronised
or 2 drives synchronised
+ 1 additional drive

Features:

- Integrated thermal monitoring
- Two low magnetic leakage toroidal transformers with extremely low power consumption
- Movement of loads up to a total of 8.000 N
- Synchronised and load-independent operation of two LAMBDA actuators with integrated potentiometers

Options:

- A third LAMBDA actuator can also be connected, which does not support synchronised movement

General information/operating conditions

Transformer control	LBS 2 (for 2 drives) LBS 2+1 (2 drives synchronised, plus 1 additional drive)
Duty cycle	Max. 30%
Input voltage	230 V AC/50Hz (standard) or 110 V AC/50-60Hz (optional)
Supply voltage (retraction/extension)	24 V DC (standard)
Power	382 VA
Degree of protection	IP 54
Length of mains cable	3 m

Controls



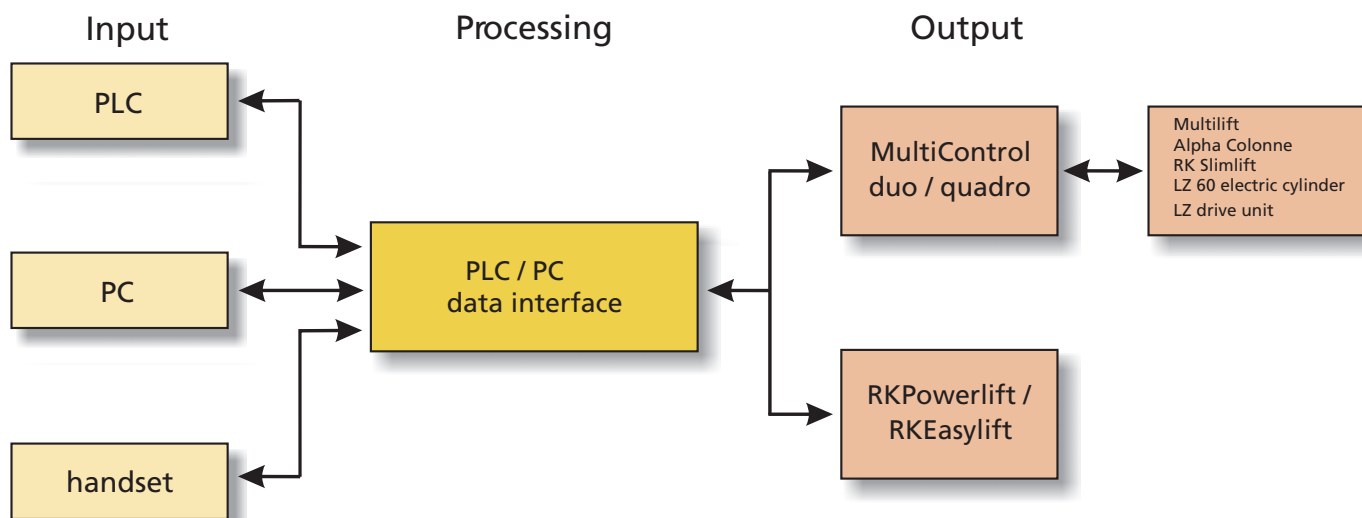
Code No.	Version	
QZA10C01AG011	LBS 2 synchronous control	2 electric cylinders, synchronous
QZA10C01AH011	LBS 2+1 synchronous control	Control of up to 3 electric cylinders, 2 x synchronised + 1 additional electric cylinder

Hand switches/accessories



Code No.	Version		Fig.
QZB03C02AD031	LAMBDA hand switch with fixing clip – 6 function keys	Controls up to 3 drives	2
QZD000072	Bracket for hand switch		3

PLC/PC data interface



The RK Rose+Krieger lifting column range supports a wide range of workflows in a wide range of assembly and manufacturing processes.

A special data interface has now been developed in order to further optimise these workflows and increase the level of automation. This interface supports the control of lifting columns from various input devices, such as a hand switch, which enables user-friendly and intuitive setting up of lifting columns. Further production processes are then controlled via a PC or PLC.



Features:

- Interface for a range of input devices (hand switch, PC and PLC)
- Quick and easy plug-in assembly
- Simple operation
- Software for Windows 95/98/2000/NT/XP and Vista

Options:

- Three different options for electrical connection
- Various adaptors available on request

PC operation with *RKLift-Control software*

The PC software allows all the functions of the hand switch to be reproduced via the data interface. Once the program is started, an intuitive input mask appears, which can be operated via the PC keyboard or mouse. The arrow keys enable smooth movement of the lifting column. A user selection lets you call up 5 different names, each with its own memory position.

Connection of a PLC

The data interface is connected to a PLC via a screw terminal. The control requires floating contacts that switch 12-24 V DC to the inputs of the data interface. The movement of the lifting column is achieved by assigning a specific pattern to the inputs. On delivery, the unit is assigned an 8 bit pattern as default setting. To save the outputs of the controlling PLC, a 4 bit pattern can also be assigned. The control enables precise movement to all memory positions. A binary pattern is output via 3 outputs to indicate when the position has been reached, thus enabling evaluation by the PLC.

General information/operating conditions

System requirements	PC with WINDOWS 95/98/2000/NT/XP/Vista Free disk space, at least 6.3 MB
Supply voltage	5 VDC, is automatically made available on connection to the MultiControl control system and RKPowerlift
Degree of protection	IP 30
Operating temperature	+5°C to +60°C
Suitable for controls	RKPowerlift "Memory" and "Synchro"/MultiControl duo/quadro
Dimensions	W x H x L: 84 x 35 x 123 mm

Scope of delivery

- Data interface with housing
- Connecting cable to column 2.5 m
- Connecting cable to PC, 2.5 m
- Screw terminal for PLC connection
- Software RKLiftControl
- Documentation



Code No.	Type	Version
QZD100108	PLC/PC data interface	for RKPowerlift "Synchro" and "Memory", MultiControl duo/quadro
QZD100110	Wall strap	for mounting in a control cabinet