Multilift
Two-stage lifting column
Two-stage lifting column - Multilift

Features:
- Quadruple bearings with POM slide bearing shells
- High-performance DC motor
- Integrated limit switches
- Self-locking, even under max. load

Options:
- Version with manual drive via crank handle
- Special stroke lengths
- Quadro control enables control of up to 32 columns synchron
- Tested to EN 60601-1

Slimline design and an unbeatable price/performance ratio

- Longitudinal slots
  - Simple connection

- Milled slot in the external profile (version B)
  - This enables the bracing of two parallel Multilifts

- High-performance DC motor
  - Single or synchronous control supported

Version A, without milled slot

Version B, with milled slot in the external profile

with interior carriage

Version B, with milled slot in the external profile
## Multilift - Table of contents

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### Fixing
- Position determination

### Areas of application
## Multilift – Technical data

### General information/operating conditions

<table>
<thead>
<tr>
<th>Type</th>
<th>Multilift</th>
<th>Multilift S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>Slim lifting column</td>
<td></td>
</tr>
<tr>
<td>Guide</td>
<td>Quadruple bearings with POM slide bearing shells</td>
<td></td>
</tr>
<tr>
<td>Installation position</td>
<td>Any position / suspended with drop protection provided by the customer</td>
<td></td>
</tr>
<tr>
<td>Push force*</td>
<td>3,000 N</td>
<td>1,000 N</td>
</tr>
<tr>
<td>Pull force*</td>
<td>1,000 N (only in conjunction with factory-mounted base plate)</td>
<td></td>
</tr>
<tr>
<td>Max. speed</td>
<td>8 mm/s</td>
<td>16 mm/s</td>
</tr>
<tr>
<td>Voltage</td>
<td>24 V DC</td>
<td></td>
</tr>
<tr>
<td>Power input</td>
<td>120 W</td>
<td></td>
</tr>
<tr>
<td>Protection class</td>
<td>IP 20 / IP10 for version B (with milled slot)</td>
<td></td>
</tr>
<tr>
<td>Self-locking</td>
<td>3,000 N</td>
<td>1,000 N</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>+5°C to +40°C</td>
<td></td>
</tr>
<tr>
<td>Displacement during synchronous operation</td>
<td>0-2 mm</td>
<td>0-4 mm</td>
</tr>
<tr>
<td>Duty cycle</td>
<td>At nominal load, 10% (max. 2 mins operating time, 18 mins rest time)</td>
<td></td>
</tr>
</tbody>
</table>

*Note:*

All information refers to the standard sizes. All data of push/pull forces are referring to the individual lifting column, for combined applications a safety factor of up to 0,6 has to be considered.

In medical applications, the maximum pull force of 500 N and, in the case of the version with a travel speed of 8 mm/s, the maximum push force of 2,000 N must not be exceeded.

### Load data

- **F_{push} = 1,000/3,000 N**
- **F_{pull} = 1,000 N**
- **Support torque**
  - 300 Nm (static)
  - 200 Nm (static)

### Speed/Force diagram

- **M_{x} = 150 Nm (dynamic)**
- **M_{y} = 100 Nm (dynamic)**

### Current output/Force diagram

- **24 V*1 determined with a transformer control 120 VA**
- **36 V*2 determined with a MultiControl duo**
**Parallel operation**

The standard version also supports parallel operation of two Multilifts (no synchronisation). This may produce different lifting positions during operation, which can be levelled out by moving to the end positions.

**Synchronous operation**

Synchronous operation of two or more columns. In conjunction with the integrated sensors, the control (see page 44) ensures synchronisation, and thus constant alignment of all the columns in both directions of travel, even if subject to different loads. The synchronous operation tolerance depends on the lifting speed and is max 2 mm on the 8 mm/s version and max 4 mm on the 16 mm/s version.

A memory function is also available.

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**Multilift Mono**

![Multilift Mono Diagram](image1)

1-2 Multilifts in single or parallel operation

**Multilift Synchro**

![Multilift Synchro Diagram](image2)

2-4 Multilifts in synchronous operation

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**Universal Table Ironing Machine**

Height-adjustable assembly workplaces

![Height-adjustable assembly workplaces](image3)
Multilift - Versions

installation height: 40 mm
Installation height without base plate (H)
Installation height with base plate (I, K, M) pull + 8 mm

installation height - 40 mm
Installation height - 10 mm

BLOCAN® - 40 slot geometry M8 / 40 deep

Version A
without milled slot in the external profile

Version B
with milled slot in the external profile

Helix cable
Length 0.5-1.2 m

Lateral receptacle output with synchronous control (cable length 2.5 m)

A

View “A”

Base plate (I) with fixing plates (4 countersunk hole)

Base plate (K) with fixing plates (2 countersunk hole)

Base plate (M) flush

Countersunk hole
## Multilift – Versions

### Multilift Mono

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Type</th>
<th>max. push force [N]</th>
<th>max. pull force [N]</th>
<th>max. lifting speed [mm/s]</th>
<th>Total travel [mm]</th>
<th>Installation height without base plate [mm]</th>
<th>Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>QAB13_G0_0355</td>
<td>Multilift 350</td>
<td>3,000 / 2,000 (med.)</td>
<td>1,000 / 500 (med.)</td>
<td>8</td>
<td>355</td>
<td>550</td>
<td>9.1</td>
</tr>
<tr>
<td>QAB13_G0_0400</td>
<td>Multilift 400</td>
<td>400</td>
<td>603</td>
<td>16</td>
<td>452</td>
<td>650</td>
<td>10.0</td>
</tr>
<tr>
<td>QAB13_G0_0450</td>
<td>Multilift 450</td>
<td>452</td>
<td>658</td>
<td></td>
<td>498</td>
<td>695</td>
<td>11.5</td>
</tr>
<tr>
<td>QAB26_G0_0355</td>
<td>Multilift 350</td>
<td>1,000 / 1,000 (med.)</td>
<td>1,000 / 500 (med.)</td>
<td>16</td>
<td>355</td>
<td>550</td>
<td>9.1</td>
</tr>
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<td>Multilift 400</td>
<td>400</td>
<td>603</td>
<td></td>
<td>452</td>
<td>650</td>
<td>10.0</td>
</tr>
<tr>
<td>QAB26_G0_0450</td>
<td>Multilift 450</td>
<td>452</td>
<td>658</td>
<td></td>
<td>498</td>
<td>695</td>
<td>11.5</td>
</tr>
</tbody>
</table>

Version:
1 = B (with milled slot in the external profile)
2 = A (without milled slot in the external profile)

Base plate (For dimensions, see page 34):
H = without base plate
I = with external fixing plates
K = with external fixing plates
M = base plate flush

### Multilift Synchro

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Type</th>
<th>max. push force [N]</th>
<th>max. pull force [N]</th>
<th>max. lifting speed [mm/s]</th>
<th>Total travel [mm]</th>
<th>Installation height incl. base plate [mm]</th>
<th>Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>QAB13_G0_0355</td>
<td>Multilift 350</td>
<td>3,000 / 2,000 (med.)</td>
<td>1,000 / 500 (med.)</td>
<td>8</td>
<td>355</td>
<td>558</td>
<td>10.1</td>
</tr>
<tr>
<td>QAB13_G0_0400</td>
<td>Multilift 400</td>
<td>400</td>
<td>603</td>
<td>16</td>
<td>452</td>
<td>658</td>
<td>11.0</td>
</tr>
<tr>
<td>QAB13_G0_0450</td>
<td>Multilift 450</td>
<td>452</td>
<td>658</td>
<td></td>
<td>498</td>
<td>703</td>
<td>12.5</td>
</tr>
<tr>
<td>QAB26_G0_0355</td>
<td>Multilift 350</td>
<td>1,000 / 1,000 (med.)</td>
<td>1,000 / 500 (med.)</td>
<td>16</td>
<td>355</td>
<td>558</td>
<td>10.1</td>
</tr>
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<td>QAB26_G0_0400</td>
<td>Multilift 400</td>
<td>400</td>
<td>603</td>
<td></td>
<td>452</td>
<td>658</td>
<td>11.0</td>
</tr>
<tr>
<td>QAB26_G0_0450</td>
<td>Multilift 450</td>
<td>452</td>
<td>658</td>
<td></td>
<td>498</td>
<td>703</td>
<td>12.5</td>
</tr>
</tbody>
</table>

Version:
3 = B (with milled slot in the external profile)
4 = A (without milled slot in the external profile)

Base plate (For dimensions, see page 34):
I = with external fixing plates
K = with external fixing plates
M = base plate flush
Multilift – Technical data - internal carriage

Load data with internal carriage

\[ M_x = 75 \text{ Nm (dynamic)} \]

\[ M_x = 150 \text{ Nm (static)} \]

\[ F_{\text{push}} = \frac{1,000}{3,000} \text{ N} \]

\[ F_{\text{pull}} = 1,000 \text{ N} \]

\[ M_y = 50 \text{ Nm (dynamic)} \]

\[ M_y = 100 \text{ Nm (static)} \]

Installation height without base plate (H)

Installation height with base plate (I)

BLOCAN®-40 slot geometry

Helix cable Multilift Mono Length 0.5-1.2 m

Lateral receptacle output with synchronous control (cable length 2.5 m)

Base plate (I) with fixing plates (4 countersunk hole)

Base plate (M) flush

Countersunk hole
### Multilift Mono

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Type</th>
<th>max. push force [N]</th>
<th>max. pull force [N]</th>
<th>max. lifting speed [mm/s]</th>
<th>Total travel [mm]</th>
<th>Installation height without base plate [mm]</th>
<th>Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>QAB13_G070355</td>
<td>Multilift 350</td>
<td>3,000 / 2,000 (med.)</td>
<td>1,000 / 500 (med.)</td>
<td>8</td>
<td>355</td>
<td>557.5</td>
<td>6.4</td>
</tr>
<tr>
<td>QAB13_G070400</td>
<td>Multilift 400</td>
<td>400</td>
<td>602.5</td>
<td>7.1</td>
<td>498</td>
<td>702.5</td>
<td>7.4</td>
</tr>
<tr>
<td>QAB13_G070450</td>
<td>Multilift 450</td>
<td>452</td>
<td>657.5</td>
<td>7.1</td>
<td>498</td>
<td>702.5</td>
<td>7.4</td>
</tr>
<tr>
<td>QAB13_G070500</td>
<td>Multilift 500</td>
<td>498</td>
<td>710.5</td>
<td>7.4</td>
<td>498</td>
<td>702.5</td>
<td>7.4</td>
</tr>
<tr>
<td>QAB26_G070355</td>
<td>Multilift 350 s</td>
<td>1,000 / 1,000 (med.)</td>
<td>1,000 / 500 (med.)</td>
<td>16</td>
<td>355</td>
<td>557.5</td>
<td>6.4</td>
</tr>
<tr>
<td>QAB26_G070400</td>
<td>Multilift 400 s</td>
<td>400</td>
<td>602.5</td>
<td>6.7</td>
<td>498</td>
<td>702.5</td>
<td>7.4</td>
</tr>
<tr>
<td>QAB26_G070450</td>
<td>Multilift 450 s</td>
<td>452</td>
<td>657.5</td>
<td>7.1</td>
<td>498</td>
<td>702.5</td>
<td>7.4</td>
</tr>
<tr>
<td>QAB26_G070500</td>
<td>Multilift 500 s</td>
<td>498</td>
<td>710.5</td>
<td>7.4</td>
<td>498</td>
<td>702.5</td>
<td>7.4</td>
</tr>
</tbody>
</table>

Base plate (For dimensions, see page 36):
- **H** = without base plate (not suitable for pull forces)
- **I** = with external fixing plates
- **M** = base plate flush

![Base plate with Fixing plates](image1)

![Base plate flush](image2)

### Multilift Synchro

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Type</th>
<th>max. push force [N]</th>
<th>max. pull force [N]</th>
<th>max. lifting speed [mm/s]</th>
<th>Total travel [mm]</th>
<th>Installation height incl. base plate [mm]</th>
<th>Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>QAB13_G080355</td>
<td>Multilift 350</td>
<td>3,000 / 2,000 (med.)</td>
<td>1,000 / 500 (med.)</td>
<td>8</td>
<td>355</td>
<td>565.5</td>
<td>6.4</td>
</tr>
<tr>
<td>QAB13_G080400</td>
<td>Multilift 400</td>
<td>400</td>
<td>610.5</td>
<td>6.7</td>
<td>498</td>
<td>710.5</td>
<td>7.4</td>
</tr>
<tr>
<td>QAB13_G080450</td>
<td>Multilift 450</td>
<td>452</td>
<td>665.5</td>
<td>7.1</td>
<td>498</td>
<td>710.5</td>
<td>7.4</td>
</tr>
<tr>
<td>QAB13_G080500</td>
<td>Multilift 500</td>
<td>498</td>
<td>710.5</td>
<td>7.4</td>
<td>498</td>
<td>710.5</td>
<td>7.4</td>
</tr>
<tr>
<td>QAB26_G080355</td>
<td>Multilift 350 s</td>
<td>1,000 / 1,000 (med.)</td>
<td>1,000 / 500 (med.)</td>
<td>16</td>
<td>355</td>
<td>565.5</td>
<td>6.4</td>
</tr>
<tr>
<td>QAB26_G080400</td>
<td>Multilift 400 s</td>
<td>400</td>
<td>610.5</td>
<td>6.7</td>
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<td>7.4</td>
</tr>
<tr>
<td>QAB26_G080450</td>
<td>Multilift 450 s</td>
<td>452</td>
<td>665.5</td>
<td>7.1</td>
<td>498</td>
<td>710.5</td>
<td>7.4</td>
</tr>
<tr>
<td>QAB26_G080500</td>
<td>Multilift 500 s</td>
<td>498</td>
<td>710.5</td>
<td>7.4</td>
<td>498</td>
<td>710.5</td>
<td>7.4</td>
</tr>
</tbody>
</table>

Base plate (For dimensions, see page 36):
- **I** = with external fixing plates
- **M** = base plate flush

![Base plate with Fixing plates](image3)

![Base plate flush](image4)
**Multilift – Synchronous package**

Buying made simple – the complete plug and play system

**Synchronous package comprises of:**
- Two Multilifts (without milled slot – version A/with milled slot – version B)
- MultiControl duo
- 6-key hand switch (memory)
- Drawer for hand switch
- Plug & play (factory-initialised)

**Multiliftsystem Synchro**

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Type</th>
<th>max. push force [N]</th>
<th>max. pull force [N]</th>
<th>max. lifting speed [mm/s]</th>
<th>Total travel</th>
<th>Installation height incl. base plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>QBB13_G0_0355</td>
<td>Multiliftsystem Synchro</td>
<td>3,000</td>
<td>1,000</td>
<td>8</td>
<td>355</td>
<td>558</td>
</tr>
<tr>
<td>QBB13_G0_0400</td>
<td>Multiliftsystem Synchro</td>
<td></td>
<td></td>
<td></td>
<td>400</td>
<td>603</td>
</tr>
</tbody>
</table>

**Base plate:**
- **I** = with external fixing plates
- **M** = base plate flush

**Version:**
- 3 = B (with milled slot in the external profile)
- 4 = A (without milled slot in the external profile)
**Adaptor bar**

Cross struts from the BLOCAN® Profile Assembly System are used to increase the stability of two version B Multilifts (see page 34). The adaptor bar is suitable for F profile 40 x 80 L and F 30x60.

**Material:** AlMgSi 0.5
Fixing set, zinc plated

**Scope of delivery:**
2x adaptor bars, fixing set

---

**Code No.** | **Version**
--- | ---
Q2D020020 | Adaptor bar for BLOCAN® profiles
4285000 | Profile* F-40 x 80-L, can be cut to specification

Length (clear width between the Multilifts -2 mm)

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* For dimensions of the profiles, please refer to the catalogue
BLOCAN PROFILE TECHNOLOGY
Multilift – Fixing

Multilift assembly plates / compression plate

The “top” and “bottom” assembly plates facilitate the installation of the Multilift in the customer application (no pull force).

The compression plate (or bottom assembly plate) is required if the floor cannot absorb the push forces (no pull force).

Material: Die-cast, black powder-coated zinc plated fixing set

Scope of delivery: 1x assembly or thrust compression plate fixing set

Note:
The “bottom” assembly plates listed here and the thrust compression plate are only suitable for push loads.

For applications involving pull force and in synchronised groups, a base plate – factory-mounted on the Multilift – must be used. These versions are defined by the Code No. (Page 35/37)

Material:

- Die-cast, black powder-coated zinc plated fixing set

Scope of delivery:

- 1x assembly or thrust compression plate fixing set

Note:
The “bottom” assembly plates listed here and the thrust compression plate are only suitable for push loads.

For applications involving pull force and in synchronised groups, a base plate – factory-mounted on the Multilift – must be used. These versions are defined by the Code No. (Page 35/37)

Supporting surfaces for fixing the internal and external profile must be flat. Since the drive motor is supported by the plastic housing, the entire surface of the Multilift must rest on a stable substructure. This can be achieved by using the “top” and “bottom” assembly plates, which are specially designed for this purpose, or by full-surface fixing to a solid floor.

The M8 fixing screws are bolted into the screw channels. A minimum depth bolted of 20 mm in the internal and external profile must be ensured.

In the case of repeated installation, a minimum depth of approx. 40 mm is recommended!

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>QZD020023</td>
<td>Bottom assembly plate with 4 countersunk hole</td>
</tr>
<tr>
<td>QZD020024</td>
<td>Bottom assembly plate with 2 countersunk hole</td>
</tr>
<tr>
<td>QZD020025</td>
<td>Compression plate</td>
</tr>
<tr>
<td>QZD020549</td>
<td>Top assembly plate</td>
</tr>
</tbody>
</table>

*DIN 74 - F8
Multilift – Fixing

RK SyncFlex H

Scope of delivery:
Adjuster plate, incl. fixing material

Vertical alignment

Horizontal alignment

- To prevent locked-up stress in mechanically overdefined bearing systems (more than one fixed bearing) around the horizontal axis. With RK SyncFlex H defined loose bearings supplement the application.

- The horizontal compensation in the Z-axis enables the freedom of movement required when moving the lifting columns.

Scope of delivery:
Adjuster plate, incl. fixing material

Option:
Optionally available with or without pressure plate (see table)

Vertical alignment

- If the lifting columns are not parallel, the distance between the two upper fixing points will change during the movement. However, a rigid connection keeps this distance constant, and this means that the lifting columns are subject to very strong forces.

- RK SyncFlex V enables the compensation of unevenness in the mounting environment.

- The lifting columns can be aligned via the vertical adjustment around the X-Y axes.

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>QZD020471</td>
<td>MultiLift</td>
<td>70</td>
<td>280</td>
<td>36</td>
<td>40</td>
<td>260</td>
<td>M 10</td>
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</table>

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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</thead>
<tbody>
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<td>QZD020472</td>
<td>MultiLift</td>
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<td>300</td>
<td>-</td>
<td>90</td>
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</table>

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
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<td>QZD020462</td>
<td>MultiLift</td>
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<td>300</td>
<td>15-20</td>
<td>90</td>
<td>280</td>
<td>10-15</td>
</tr>
</tbody>
</table>
Foot

- Different foot versions for the Multilift
- No modifications to the Multilift required
- Max. load 1,000 N

**Material:**
Type 1/2/5 GK-AlSi12/3.2583.02, black powder-coating
Type 3/4 steel tube, ends capped black powder-coating

**Scope of delivery:**
one foot with fixing set

---

**External profile**

**Internal profile**

### Type 1

Distance to base:

- **Distances:**
  - Min: 20
  - Max: 25
- **Dimensions:**
  - Ø47
  - 592
  - 640

### Type 2

Distance to base:

- **Distances:**
  - Min: 20
  - Max: 40
- **Dimensions:**
  - Ø8.5
  - 600
  - 640

### Type 5

Distance to base:

- **Distances:**
  - Min: 20
  - Max: 30
- **Dimensions:**
  - Ø47
  - 592
  - 640

---

**Base**

**Distance to base**

- **Distances:**
  - Min: 20
  - Max: 30
- **Dimensions:**
  - Ø8.5
  - 374
  - 600
  - 640

---

**Base**

**Distance to base**

- **Distances:**
  - Min: 20
  - Max: 40
- **Dimensions:**
  - Ø8.5
  - 600
  - 640
Multilift - Fixing

**Type 3**
Multilift centrally mounted (choice of internal or external profile)

**Type 4**
Multilift mounted off-centre (choice of internal or external profile)

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>QZD020252</td>
<td>1</td>
</tr>
<tr>
<td>QZD020253</td>
<td>2</td>
</tr>
<tr>
<td>QZD020254</td>
<td>3</td>
</tr>
<tr>
<td>QZD020255</td>
<td>4</td>
</tr>
<tr>
<td>QZD020343</td>
<td>5</td>
</tr>
</tbody>
</table>
Multilift – Drive / Accessories

Controls

- Input voltage 230 V AC
- Output voltage 24/36 V DC
- For battery operated controls

Order information:
Observe the current output of the drives when selecting the control.

Transformer control 120 VA

approx. 24 V DC

MultiControl

approx. 36 V DC

For dimensions and other technical data, please refer to the chapter „Motors and controls“

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Version</th>
<th>Controls for Multilift mono</th>
</tr>
</thead>
<tbody>
<tr>
<td>QZA07C13AX021</td>
<td>Transformer control 120 VA, up to max. 3 A current output, 24 V DC</td>
<td>Controls up to 2 drives</td>
</tr>
<tr>
<td>QSTAACA1AA000</td>
<td>MultiControl mono connection A, up to max. I= 10 A current output, 24 V DC</td>
<td>Controls up to 2 drives</td>
</tr>
</tbody>
</table>

Controls for Multilift synchro

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Version</th>
<th>Controls for Multilift synchro</th>
</tr>
</thead>
<tbody>
<tr>
<td>QST10C02AA000</td>
<td>MultiControl duo connection C, up to max. 12 A current output, 36 V DC</td>
<td>Controls up to 2 drives synchronous</td>
</tr>
<tr>
<td>QST10C04AA000</td>
<td>MultiControl quadro connection C, up to max. 12 A current output, 36 V DC</td>
<td>Controls up to 4 drives synchronous</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>QZD020083</td>
<td>Fixing plate 120 VA, control is pushed onto the plate</td>
</tr>
<tr>
<td>QZD100093</td>
<td>6 m bus cable for the networking of up to 8 synchronous controls</td>
</tr>
<tr>
<td>QZD0702844000*</td>
<td>Straight connecting cable (4 m) with 5-pin connector and open cable end</td>
</tr>
<tr>
<td>QZD070525</td>
<td>Extension cable 2,5 m drive for connector A/2-pin DIN socket</td>
</tr>
<tr>
<td>QZD070526</td>
<td>Extension cable 2,5 m drive for connector C/8-pin DIN socket</td>
</tr>
</tbody>
</table>

*for the connection of a parallel hand switch or an external potentiometer (in the case of the MultiControl mono)
Hand switches/accessories

Code No. | Version                                           | Fig. |
---------|---------------------------------------------------|------|
          | Hand switch for transformer control               |      |
QZB02C03AD031 | Hand switch with 1 m spiral cable – 6 function keys | 2    |
          | Hand switches for transformer or synchronous control |     |
QZB02C03AB031 | Hand switch with 1 m spiral cable – 2 function keys | 1    |
QZB00D04AB041 | Hand switch with 1 m spiral cable – 2 function keys | 7    |
QZB02C01AE114 | Foot switch – 2 function keys                     | 13   |
QZB00D07BK141 | Wireless hand switch – 2 function keys             | 14   |
          | Hand switch for synchronous control                |      |
QZB00D04AD041 | Hand switch with 1 m spiral cable – 6 function keys | 8    |
          | Accessories for hand switches                      |      |
QZD000072  | Bracket for hand switch: Fig. 1 + 2               | 3    |
QZD000074  | Hand switch drawer: Fig. 7 + 8                    | 9    |

Note:
For further hand switch versions, please refer to the chapter “Controls” on page 148
We say what we do - and do what we say!
We also say what we can't do - and don't do it!