

Basic package

- A Dynamic xs.plus | FU
- B Variable Shaft adapter
- C Torque support
- D Emergency hand chain
- E Control unit Control x.plus
- F Cable loom Control x.plus
- G Special 803 x.plus, 2 door leaf connection sockets incl. spiral cable
- H Door leaf connecting cable
- I Optosensor-Set RX 500 mm TX 500mm
- J Cable slack devices

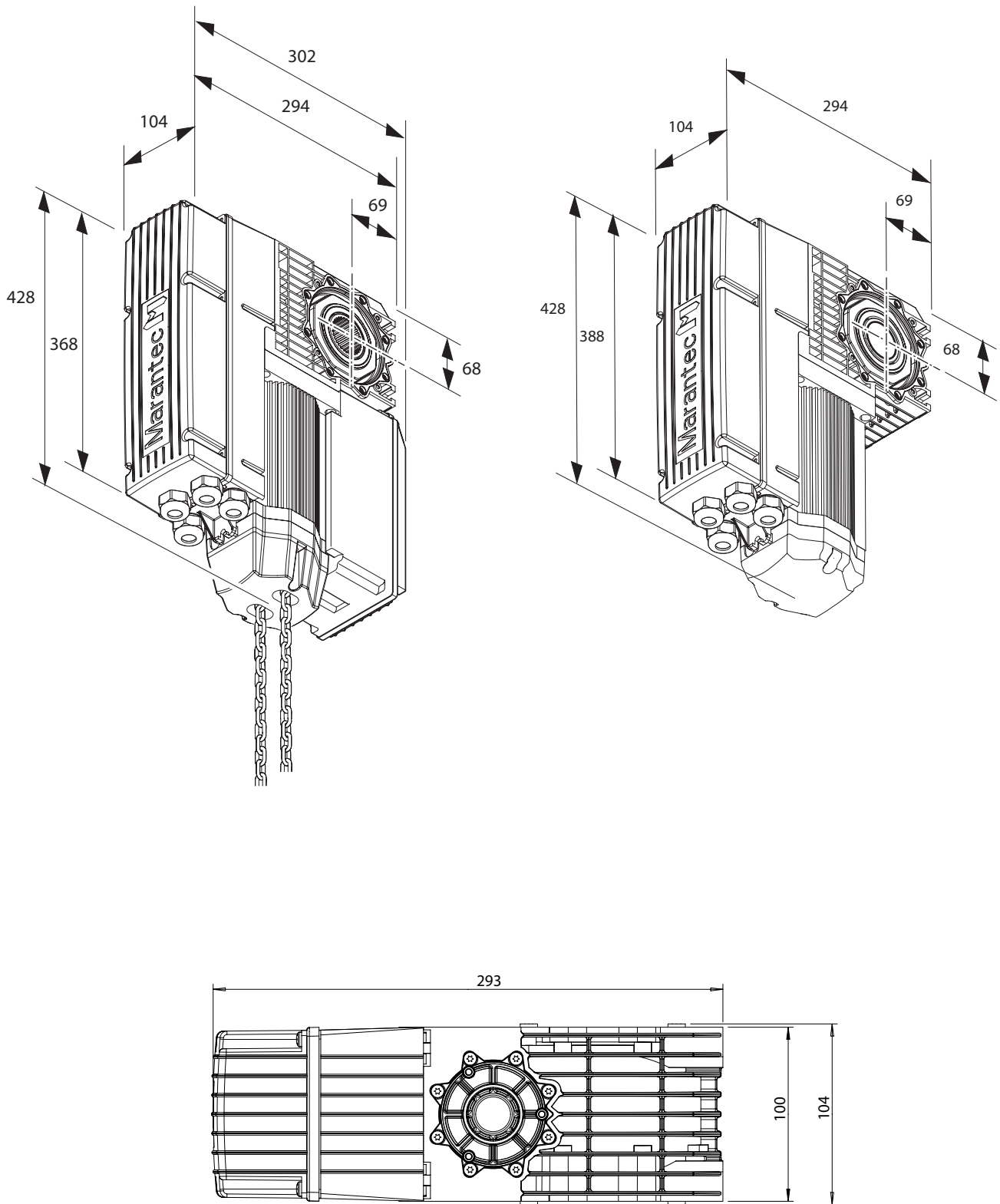
Optional

- K Wicket door contact
- L Signal light
- M Main switch, mains isolator switch
- N Switch spring safety device
- O Special 614-2. One-way photocell

		Dynamic xs.plus 230 V / 1 PH		
Mechanical data		FU 100/30	FU 125/24	FU 150/19
Drive torque	Nm	100	125	150
Nominal rotational speed	min ⁻¹	30	24	19
Max. number of revolutions, drive shaft		16	16	16
Emergency operation		Emergency hand chain or quick release with pull cord		
Gear release		Chain/ maintenance release (KE/WE), Quick release (SE), controlled quick release (SEG)		
Sleeve shaft diameter	mm	Aluminium-Sleeve shaft / gearing according to DIN 5480 42 x 1.25 x 30 x 32 or 35.0		
Electrical data		FU 100/30	FU 125/24	FU 150/19
Nominal voltage	V	1N~ 230		
Nominal frequency	Hz	50		
Current input	A	3.8		
Motor output/power	kW	0.55		
Motor connection period (ED)	%	S 3 – 60		
Power supply for external elements	V	24/200 mA		
Protection category		IP 65		
Protection class		I		
Physical data		FU 100/30	FU 125/24	FU 150/19
Dimensions	mm	428 x 104 x 293		
Weight	kg	16		
Temperature range	°C	-20 to + 60		
Installation versions		Direct attachment, flanged mounting, spindle chain drive, open roller chain		

Information

1.18 Dimensional drawing Dynamic xs.plus FU, xs. plus SG



Information

Dynamic xs.

Control

Special

Digital

Command



NEW



Dynamic xs.plus FU

Article	Article no.	Price each
Dynamic xs.plus FU 230 V / 1 PH 0.55 KW / IP 65 100/30 KE / WE	87 728	
125/24 KE / WE	87 729	
150/19 KE / WE	87 730	

Package

- Dynamic xs.plus FU with 500 mm chain and maintenance release system and integrated frequency converter
- Aluminium motor sleeve shaft with DX-fit / without shaft adapter
- Sales unit: 1 no.

Function/Application

- For spring balanced sectional doors
- 100 Nm / 30 Upm up to a maximum of 25 m² door area
- 125 Nm / 24 Upm up to a maximum of 40 m² door area
- 150 Nm / 19 Upm up to a maximum of 55 m² door area

Control units: Control x.plus

- Integrated controls with power element in the Dynamic xs.plus
- Marantec bus system with constant surveillance of all safety components such as photocells, optosensor closing edge or electrical connecting block 8.2 kΩ and connecting block door leaf hold circuit (cable slack device, wicket door contact)
- A potential-free contact for use as required, e.g. for connecting a signal light, end position signalling (programmable)
- Multi-reference point technology with electronic end position setting
- Only in combination with Control x.plus as command bus with multiple connection options

Dynamic xs.plus FU

Article	Article no.	Price each
Dynamic xs.plus FU 230 V / 1 PH 0.55 KW / IP 65 100/30 SE	87 735	
125/24 SE	87 736	
150/19 SE	87 738	

Package

- Dynamic xs.plus FU with quick release and integrated frequency converter
- Aluminium motor sleeve shaft with DX-fit / without shaft adapter
- Sales unit: 1 no.

Function/Application

- For spring balanced sectional doors
- 100 Nm / 30 Upm up to a maximum of 25 m² door area
- 125 Nm / 24 Upm up to a maximum of 40 m² door area
- 150 Nm / 19 Upm up to a maximum of 55 m² door area

Control units: Control x.plus

- Integrated controls with power element in the Dynamic xs.plus
- Marantec bus system with constant surveillance of all safety components such as photocells, optosensor closing edge or electrical connecting block 8.2 kΩ and connecting block door leaf hold circuit (cable slack device, wicket door contact)
- A potential-free contact for use as required, e.g. for connecting a signal light, end position signalling (programmable)
- Multi-reference point technology with electronic end position setting
- Only in combination with Control x.plus as command bus with multiple connection options



NEW

Dynamic xs.plus FU

Article	Article no.	Price each
Dynamic xs.plus FU 230 V / 1 PH 0.55 KW / IP 65		
100/30 SEG	87 739	
125/24 SEG	87 740	
150/19 SEG	87 741	

Package

- Dynamic xs.plus FU with 500 mm chain and controlled quick release and integrated frequency converter
- Aluminium motor sleeve shaft with DX-fit / without shaft adapter
- Sales unit: 1 no.

Function/Application

- For spring balanced sectional doors
- 100 Nm / 30 Upm up to a maximum of 25 m² door area
- 125 Nm / 24 Upm up to a maximum of 40 m² door area
- 150 Nm / 19 Upm up to a maximum of 55 m² door area

Control units: Control x.plus

- Integrated controls with power element in the Dynamic xs.plus
- Marantec bus system with constant surveillance of all safety components such as photocells, optosensor closing edge or electrical connecting block 8.2 k Ω and connecting block door leaf hold circuit (cable slack device, wicket door contact)
- A potential-free contact for use as required, e.g. for connecting a signal light, end position signalling (programmable)
- Multi-reference point technology with electronic end position setting
- Only in combination with Control x.plus as command bus with multiple connection options



NEW



Dynamic xs.plus FU

Article	Article no.	Price each
Dynamic xs.plus FU 230 V / 1 PH 35 mm / 0.55 KW / IP 65		
100/30 KE / WE	87 742	
125/24 KE / WE	87 743	
150/19 KE / WE	87 744	

Package

- Dynamic xs.plus FU with 500 mm chain and controlled quick release and integrated frequency converter
- Aluminium motor sleeve shaft for 35 mm spring shaft
- Sales unit: 1 no.

Function/Application

- For spring balanced sectional doors
- 100 Nm / 30 RPM up to a maximum of 25 m² door area
- 125 Nm / 24 RPM up to a maximum of 40 m² door area
- 150 Nm / 19 RPM up to a maximum of 55 m² door area

Control units: Control x.plus

- Integrated controls with power element in the Dynamic xs.plus
- Marantec bus system with constant surveillance of all safety components such as photocells, optosensor closing edge or electrical connecting block 8.2 kΩ and connecting block door leaf hold circuit (cable slack device, wicket door contact)
- A potential-free contact for use as required, e.g. for connecting a signal light, end position signalling (programmable)
- Multi-reference point technology with electronic end position setting
- Only in combination with Control x.plus as command bus with multiple connection options

Dynamic xs.plus FU

Article	Article no.	Price each
Dynamic xs.plus FU 230 V / 1 PH 35 mm / 0.55 KW / IP 65		
100/30 SE	87 745	
125/24 SE	87 746	
150/19 SE	87 747	

Package

- Dynamic xs.plus FU with quick release and integrated frequency converter
- Aluminium motor sleeve shaft for 35 mm spring shaft
- Sales unit: 1 no.

Function/Application

- For spring balanced sectional doors
- 100 Nm / 30 RPM up to a maximum of 25 m² door area
- 125 Nm / 24 RPM up to a maximum of 40 m² door area
- 150 Nm / 19 RPM up to a maximum of 55 m² door area

Control units: Control x.plus

- Integrated controls with power element in the Dynamic xs.plus
- Marantec bus system with constant surveillance of all safety components such as photocells, optosensor closing edge or electrical connecting block 8.2 kΩ and connecting block door leaf hold circuit (cable slack device, wicket door contact)
- A potential-free contact for use as required, e.g. for connecting a signal light, end position signalling (programmable)
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Control x.plus

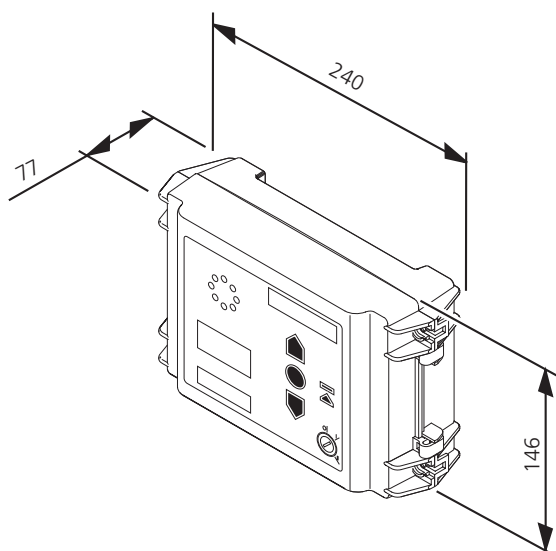
Article	Article no.	Price each
Control x.plus Control unit will be replaced by Control x.plus Control unit	81 298	
	87 671	

Package

- Control unit Control x.plus
- Sales unit: 1 no.

Technical Data/Specifications

Dimensions (W x H x D)	240 x 146 x 77 mm
Weight	1.2 kg
Power supply for external elements	200 mA / 24 V
Protection category	IP 65
Cabling	system cabling/conventional



Function/Application

- Operating controls for the Dynamic xs.plus operator system with integrated Marantec bus system as command bus
- EOS programming structure
- Marantec carousel LED display
- Variable mounting lugs
- Programming via keypad on cover
- Programmable relay output (signal light, end position)
- Half OPEN push-button on housing cover
- Miniature lock with function, control voltage IN/OUT, activation of programming, locking of keypad on cover
- Automatic recognition of any expansion modules connected, e.g. remote module, traffic control system
- Connections for conventional buttons and command units
- Connection for the MarantecDiagnosticSystem
- Connection for remote module
- Connections for Marantec photocells (2-wire technique)
- Connection for spiral cable / door leaf safety (blue plug)
- Connection for photocell with potential-free normally closed contact

Optional extension possibilities

- In the housing of the Control x.plus controls
- Remote module
- Photocell expander for the connection of a second safety photocell
- In a separate extension housing unit:
 - Module for traffic control
 - Module for special functions
 - Module for roll-up safety protection and extended safety functions, e.g. more photocells