

Information

Dynamic xs.

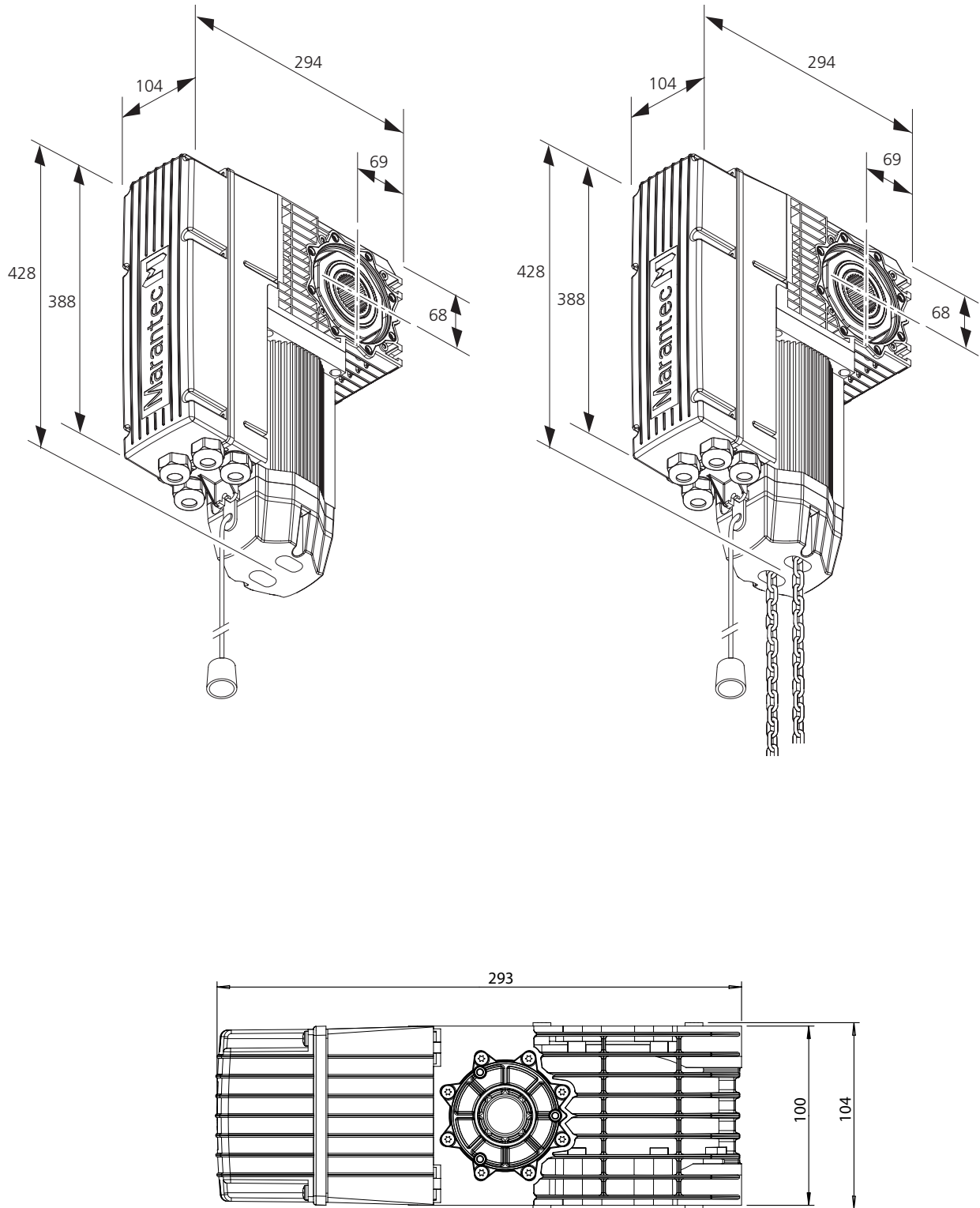
Control

Special

Digital

Command

		Dynamic xs.plus 230 V/1 PH			Dynamic xs.plus 230/400 V/3 PH			
		80/19	60/24	45/30	110/16	95/19	75/24	60/30
Mechanical data								
Drive torque	Nm	80	60	45	110	95	75	60
Nominal rotational speed	min ⁻¹	19	24	30	16	19	24	30
Max. number of revolutions, drive shaft		16	16	16	16	16	16	16
Sleeve shaft diameter		Aluminium sleeve shaft, Dx-fit						
Emergency operation		Chain/maintenance release						
		Quick release						
		Controlled quick release						
Electrical data								
Nominal voltage	V	1N~ 230			Y3N~, 400/230/3~, 230			
Nominal frequency	Hz	50	50	50	50	50	50	50
Current input	A	4,6	4,6	4,6	Y1,7/Δ2,9	Y2,0/Δ3,5		
Motor output/power	kW	0,37	0,37	0,37	0,37	0,37	0,37	0,37
Motor connection period	ED %	S 3 – 25	S 3 – 25	S 3 – 25	S 3 – 60	S 3 – 60	S 3 – 60	S 3 – 60
Power supply for external elements	V	24/200 mA						
Protection category		IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
Protection class		I	I	I	I	I	I	I
Physical data								
Dimensions	mm	428 x 104 x 293						
Weight	kg	14,0						
Temperature range	°C	-20 to +60						
Installation versions		Direct attachment						
		Flanged mounting						
		Spindle chain drive						
		Open roller chain						



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Dynamic xs.plus

Article	Article no.	Price each
Dynamic xs.plus 230 / 400 V / 3 PH 0.37 KW / IP 65 110/16 CH / MR	81 433	
95/19 CH / MR	81 299	
75/24 CH / MR	81 424	
60/30 CH / MR	81 418	
Dynamic xs.plus 230 V / 1 PH 0.37 KW / IP 65 80/19 CH / MR	81 301	
60/24 CH / MR	81 394	
45/30 CH / MR	81 362	

Package

- Dynamic xs.plus with 500 mm chain and maintenance release
- aluminium motor sleeve shaft with DX-fit / without shaft adapter
- sales unit: 1 no.

Function/Application

- for spring balanced sectional doors
- 230 / 400 V / 3 PH: up to a maximum of 45 m² door area and 550 kg weight
- 230 V 1 PH: up to a max. of 20 m² door area and 250 kg weight

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 kohm 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 manifold connection options

Dynamic xs.plus

Article	Article no.	Price each
Dynamic xs.plus 230 / 400 V / 3 PH 0.37 KW / IP 65 110/16 QR	81 434	
95/19 QR	81 300	
75/24 QR	81 425	
60/30 QR	81 419	
Dynamic xs.plus 230 V / 1 PH 0.37 KW / IP 65 80/19 QR	81 400	
60/24 QR	81 395	
45/30 QR	81 366	

Package

- Dynamic xs.plus with quick release
- aluminium motor sleeve shaft with DX-fit / without shaft adapter
- sales unit: 1 no.

Function/Application

- for spring balanced sectional doors
- 230 / 400 V / 3 PH: up to a maximum of 45 m² door area and 550 kg weight
- 230 V 1 PH: up to a max. of 20 m² door area and 250 kg weight

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 kohm 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 manifold connection options

Dynamic xs.plus

Operator system for spring balanced sectional doors



Dynamic xs.plus

Article	Article no.	Price each
Dynamic xs.plus 230 / 400 V / 3 PH 0.37 KW / IP 65 110/16 CH / MR	81 435	
95/19 CH / MR	81 432	
75/24 CH / MR	81 426	
60/30 CH / MR	81 420	
Dynamic xs.plus 230 V / 1 PH 0.37 KW / IP 65 80/19 QRC	81 406	
60/24 QRC	81 396	
45/30 QRC	81 367	

Package
<ul style="list-style-type: none"> · Dynamic xs.plus with 500 mm chain and controlled quick release · aluminium motor sleeve shaft with DX-fit / without shaft adapter · sales unit: 1 no.

Function/Application
<ul style="list-style-type: none"> · for spring balanced sectional doors · 230 / 400 V / 3 PH: up to a maximum of 45 m² door area and 550 kg weight · 230 V 1 PH: up to a max. of 20 m² door area and 250 kg weight

Control units: Control x.plus
<ul style="list-style-type: none"> · integrated controls with power element in 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 kohm 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 manifold connection options

Dynamic xs.plus

Article	Article no.	Price each
Dynamic xs.plus 230 / 400 V / 3 PH 35 mm / 0.37 KW / IP 65 110/16 CH / MR	81 436	
95/19 CH / MR	81 303	
75/24 CH / MR	81 427	
60/30 CH / MR	81 421	
Dynamic xs.plus 230 V / 1 PH 35 mm / 0.37 KW / IP 65 80/19 CH / MR	81 407	
60/24 CH / MR	81 397	
45/30 CH / MR	81 368	

Package
<ul style="list-style-type: none"> · Dynamic xs.plus with 500 mm chain and maintenance release · aluminium motor sleeve shaft for 35 mm spring shaft · sales unit: 1 no.

Function/Application
<ul style="list-style-type: none"> · for spring-balanced sectional doors with 35 mm spring shaft · 230 / 400 V / 3 PH: up to a maximum of 45 m² door area and 550 kg weight · 230 V 1 PH: up to a max. of 20 m² door area and 250 kg weight

Control units: Control x.plus
<ul style="list-style-type: none"> · integrated controls with power element in 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 kohm 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 manifold connection options



Dynamic xs.plus

Article	Article no.	Price each
Dynamic xs.plus 230 / 400 V / 3 PH 35 mm / 0.37 KW / IP 65		
110/16 QR	81 438	
95/19 QR	81 304	
75/24 QR	81 428	
60/30 QR	81 422	
Dynamic xs.plus 230 V / 1 PH 35 mm / 0.37 KW / IP 65		
80/19 QR	81 408	
60/24 QR	81 398	
45/30 QR	81 369	

Package

- Dynamic xs.plus with quick release and 35mm spring shaft
- aluminium motor sleeve shaft for 35 mm spring shaft
- sales unit: 1 no.

Function/Application

- for spring balanced sectional doors
- 230 / 400 V / 3 PH: up to a maximum of 45 m² door area and 550 kg weight
- 230 V 1 PH: up to a max. of 20 m² door area and 250 kg weight

Control units: Control x.plus

- integrated controls with power element in 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 kohm 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 manifold connection options

Dynamic xs.plus

Article	Article no.	Price each
Dynamic xs.plus 230 V / 3 PH 0.37 KW / IP 65		
110/16 CH / MR	81 416	
95/19 CH / MR	81 414	
75/24 CH / MR	81 412	
60/30 CH / MR	81 410	
Dynamic xs.plus 230 V / 3 PH 0.37 KW / IP 65		
110/16 QR	81 417	
95/19 QR	81 415	
75/24 QR	81 413	
60/30 SE	81 411	

Package

- Dynamic xs.plus with 500 mm chain and maintenance release or quick release
- aluminium motor sleeve shaft with Dx-fit / without shaft adapter
- sales unit: 1 no.

Function/Application

- for spring balanced sectional doors
- 230 V / 3 PH: up to a maximum of 45 m² door area and 550 kg weight

Control units: Control x.plus

- integrated controls with power element in 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 kohm 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 manifold connection options



Control x.plus

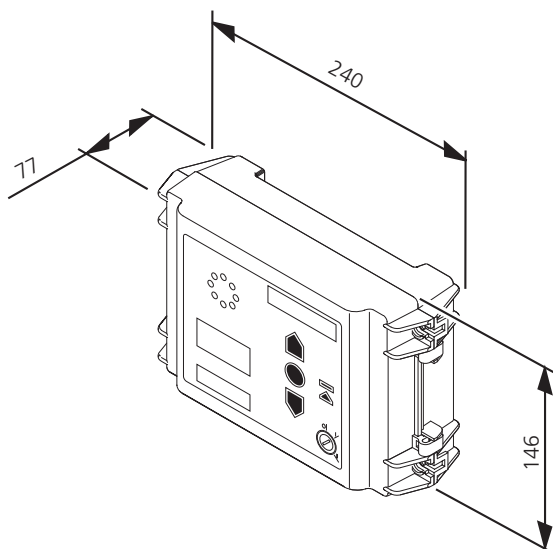
Article	Article no.	Price each
Control x.plus control unit	81 298	

Package

- operating control unit Control x.plus
- sales unit: 1 no.

Technical Data/Specifications

Dimensions	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