Marantec UK Control Panels Product Guide

CS, RS, WU, TST

CS Control Panels

The CS control panels support mechanical or digital limits and detect most safety devices at start-up. Easy to set up, the CS 255 offers 1 programmable relay with 27 functions, while the CS 320 provides 4 relay outputs with 47 functions and 3 inputs with 40 functions.

CS 320: Complete Plug Play Solution

The CS 320 control unit is designed for rolling, sectional, and sliding gates, featuring advanced microprocessor control based on the proven CS 310. With options for absolute encoder or mechanical limit switches and versatile expansion capabilities, it's ideal for new installations or retrofits.

Operating Voltage	V	230 / 400 3~ / 230 / 1~
Mains Frequency	Hz	50/60
Control Voltage	Hz	24
Supply ext. devices	V DC	24 max. 500 mA
	V AC	230 1~ max. 1A
Maximum Load	kW(A)	2.2 with 400V 3~
	kW(A)	1.5 with 230V 3~
	kW(A)	1.1 with 230V 1~
Protection Rating	IP	65
Temperature Range	°C	-20°C / +60°C
Enclosure Dimensions	mm	215x275x190

CS 255: Complete Plug Play Solution

The CS 255 AC control unit is a compact solution for sectional doors and small roller shutters without brakes. It can be mounted on the operator or in an external housing and supports both absolute encoder and digital limit switches. Programming is done via the CSI-15 triple push button, with additional settings available through an optional LC display.

Voltage (V)	230 / 400 3~ / 230 / 1~
Mains Frequency (Hz)	50
Control Voltage (V)	24
Maximum Load – kW(A)	1.4 (5.0)
Protection Rating (IP)	65
Temperature Range (°C)	-10°C / +45°C
Enclosure Dimensions (mm)	165x220x105

RS Control Panels

Marantec UK's RS Control Panel range is designed for optimal performance and ease of use in demanding industrial environments. These control panels provide precise and reliable control for rolling shutter and sectional door systems, ensuring smooth and efficient operation.

RS Panels: Control Units for Dock Levellers

- LCD Monitor with clear text display. LCD is essential for setup. Not required in operation
- Integrated main switch.
- Integrated fuses for hydraulic motor.
- Recognition and control of rotating field
- Phase monitoring.
- Integrated cycle counter.
- Short circuit proof control voltage.
- Connection of traffic lights (inside and outside).
- Connection of wheel chock and vehicle sensor.
- Triggering of shelter.

Product Range

RS 200L	RS 301V	RS 301K	RS 400V	RS 400K

Technical Data

Control Panel Version	Type	Voltage (V)	Control Voltage (V)	Max. Load Control Voltage (mA)	Maximum Load (kW/ A)	Connections for Valves (24V-DC)	IP Rating
RS 200 L	Swing	400 / 230 / 3~	24	900	2,2 / 6	1	65
RS 301 K	Swing	400 / 230 / 3~	24	2500	2,2 / 6	1/2	65
RS 301 V	Telescopic	400 / 230 / 3~	24	2500	2,2 / 6	2/3	65
RS 400 K	Swing	400 / 230 / 3~	24	2500	2,2 / 6	1	65
RS 400 V	Telescopic	400 / 230 / 3~	24	2500	2,2 / 6	3	65

FEIG Gate and Barrier Control Units

Open and shut gates and barriers - even in the most difficult conditions. FEIG's wide range of controls provide maximum convenience and safety for system operation.

Marantec UK proudly serve as the exclusive agent for FEIG products in the UK and Ireland, providing top-quality gate and barrier control units to our customers. See our exclusive selection of FEIG Products.

Controllers with frequency converter: TST Control Panels

These control panels offer fast startup speed processes and reduces waiting times which make it a good option for rapid roll operators. The control boards offer a smooth starting and braking operation which provides maximum material protection and a long product life cycle.

TST-75 (FUZ2-C)

1-phase door control unit (110V-240V) for door operators up to 0.75 kW (5A)

TST-120 (FUZ2-CX)

1-phase door control unit (110V-240V) for door operators up to 1.2 kW (8A)

TST-150 (FUF2-CH)

1-phase door control unit (110V-240V) for door operators up to 1.5 kW (10A)

TST-220S (FUF2-FH)

1-phase door control unit (110V-240V) for door operators up to 2.2 kW (12A)

TST-220 (FU3F-AH)

1-phase door control unit (110V-240V) for door operators up to 0.75 kW

TST-400 (FU3F-CH)

3-phase door control unit (3×200V-480V) for door operators up to 5 kW (12A)

TST-500 (FU3F-FH)

3-phase door control unit (3×200V-480V) for door operators up to 5 kW (12A)

Technical Data for TST Control Panels

Technical Data	TST-75	TST-120	TST-150	TST-220S	TST-220	TST-400	TST-500
Control Voltage (V)	24VDC, 24VDC +/-5% / 500mA			24VDC, 24VDC +/-5% / 3500mA			
Maximum Load (kW)	0.75 / 5	1.2 / 8	1.5/ 10	2.2/ 12	2.2/ 5	4/ 10	5/ 12
Operating Frequency (Hz)	6 - 200	6 - 200	6 - 200	6 - 200	6 - 200	6 - 200	6 - 200
Protection Grade (IP)	54	54	65	65	65	65	65
Temperature Range (°C)	-20 / +50	-20 / +50	-20 / +50	-20 / +50	-20 / +50	-20 / +50	-20 / +50
Enclosure Dimensions (mm)	182x328x121	182x328x121	210x450x235	210x450x235	210x450x235	210x450x235	210x450x235

Input Power - TST-75, 120, 150, 220S = 230/1~ +/- 10% / 50-60Hz | Input Power - TST-220, 400, 500 = 400/3~ +/- 10% / 50-60Hz

Controllers with contactor-type reverser: WU Control Panel

The TST-WU Control Panel is easy to install with its self-learning automatic configuration which detects standard door systems. The control panel is compatible with mechanical and electronic limits making installation versatile for AC drives up to 2.2kW, 100% duty cycle, 24-volt power supply (500mA).

TST WU

3-phase Door control unit (400V) for operating with electronical limits

Technical Data

Voltage (V)	400/3~ : 230/1~
Control Voltage (V)	24
Maximum Load (kW)	2.2/ 6
Mains Frequency (Hz)	50
Protection Grade (IP)	54 (65)
Temperature Range	-10 / +50
Enclosure Dimensions	180x320x110

FEIG Accessories

Marantec UK offers a range of FEIG accessories, including advanced loop detectors, designed to enhance the functionality and reliability of gate and barrier systems.

VEK MNH1/ MNH2

VEK MNE1/ MNE2

TST SUVEK-1/-2

MWD BP-C/ MWD RC

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engineered for you

Accessories for Control Panels

Accessorise the control panels with equipment such as; Loop Detectors, Secure Keypads, Keyswitches, Safety Equipment, and much more. View our Range of accessories for control panels below:

Safety Equipment

- Optical Safety Edge (Wired)
- Conductive Safety Edge (Wired/ Wireless)
- SC.A
- Conductive Safety Rubber (30/45mm)
- Special 620 Photocell
- Special 633 Photocell
- Send & Recieve PEC Photocell
- Retro-Reflective PEC
- Light Curtains
- AE0930 & AE0931
- 5 Core Spiral Cable
- SC.EN
- Optical Safety Edge Evaluation Relay Panel
- Junction Box for Optical Safety Edge
- Polystyrene IP65 Junction Box

Keypads

- V42 Codelock
- KC3
- RK3

Lights & Signals

- Traffic Lights
- Mimic Lights
- Bulk Head Lights

Transmitters

- AE0901 - 2 Buttons
- AE0904 - 4 Buttons
- AE0905 - 3 Buttons - 12 Channel
- AE0911 - 3 Buttons
- LO.T2WA - 2 Buttons
- LO.T4WA - 4 Buttons
- Digital 382 - 2 Buttons
- Digital 384 - 2 Buttons
- Digital 317 (FLT) - 999 Channel

Loop Detectors

- VEK MNH-1 - 1 Channel Din Rail
- VEK MNH-2 - 2 Channel Din Rail
- VEK MNE1 - 1 Channel 11 Pin
- VEK MNE2 - 2 Channel 11 Pin
- Loop Detector Base

Radio Receivers

- Rolling Code Plug-In Radio Receiver
- Fixed Code Radio Receiver
- DIP Switch Plug-in Radio Receiver

Pushbutton Station

- Green Pushbutton Station
- Open & Close Pushbutton Station
- Open, Close & Latching Stop Pushbutton Station
- Open, Close & Stop Pushbutton Station
- Open, Close, Stop & Keyswitch Pushbutton Station
- Palm Switch
- AP4 Security Pushbutton Station

Other

- LCD Programming Display
- MWD-BP & MWD-RC (Radar)
- SUVEK1-A
- SUVEK2-A
- SUVEK2-A

Please Contact Our Sales Department On 01928 579050 For Further Information

Control Panels Applications

Control Panels for Marantec Door and Gate Operators

Marantec UK's comprehensive control panel range is designed to meet diverse automation needs with precision and reliability. The range includes the versatile CS and RS control panels, as well as the advanced FEIG TST and FEIG WU panels. Each panel is engineered to seamlessly integrate with various operator systems, including roller shutter, sectional door, fire door, sliding and folding door, and rapid roll operators.

Roller Shutter Operators

Marantec UK's roller shutter operators, including the versatile MDF/MWF and CDO ranges, provide reliable and efficient solutions for a wide variety of industrial and commercial roller shutter applications.

Sectional Door Operators

Marantec UK's range of sectional door operators includes the versatile and reliable STA, TVRF/TVRFC, and VTA operators, all designed to provide efficient and secure door automation solutions.

Rapid Roll Operators

Marantec UK's rapid roll operators, including the versatile MTZ range and the advanced TVRA-8, provide efficient and reliable solutions for high-speed door automation in demanding industrial environments.

Fire Door Operators

Marantec UK's fire door operators product range, featuring the robust NBG series, provides reliable and compliant solutions for managing fire-rated doors in critical safety applications.

Sliding/ Folding Door Operators

Marantec UK's sliding and folding door operators range includes the efficient TVRF and TVRFC operators, as well as the versatile FastFold bi-folding doors, designed for smooth and reliable automation.

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