

RS Control Panels Datasheet

Product Information
Product Data



RS Series

Hinged/ Telescopic Lip Dock Leveller Control Panels



Custom Built Control Panels & Bespoke Panel Front Labels

For non-standard applications, Custom built panels are available to order to suit your exact requirements. We also offer bespoke panel front label designs for quantity orders.

For Further Information Please Contact our Sales Department On 01928 579050

Control Panel Version	Operating voltage (V)	Control voltage (V)	Max. load control voltage (mA)	Maximum load (kW / A)	Connections for valves (24V-DC)	Protection grade (IP)
RS 200L	400 / 230 / 3~	24	900	2,2 / 6	1	65
RS 301 K	400 / 230 / 3~	24	2500	2,2 / 6	1/2	65
RS 301 V	400 / 230 / 3~	24	2500	2,2 / 6	2/3	65
RS 400 K	400 / 230 / 3~	24	2500	2,2 / 6	1	65
RS 400 V	400 / 230 / 3~	24	2500	2,2 / 6	3	65



RS 200L



RS 301K



RS 301V



RS 400K



RS 400V

Product Features

RS 200L

Basic controls for dock levellers with hinged lip.

- To control a dock leveller with hinged lip
- Integrated main switch
- Integrated fuses for hydraulic motor
- Phase monitoring
- Short circuit proof control voltage
- Triggering of 1-valve power units
- Protection against uncontrolled movements
- Release of leveller function by door control
- Diagnostic LED
- Overload protection via current monitoring
- 3-button unit for door control (optional)

RS 301

Easy-to-operate controls for dock levellers with hinged lip.

- Triggering of 2-valve power units
- See below for rest of features unless stated for RS 300V

RS 301V

Easy-to-operate controls for dock levellers with telescopic lip.

- 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
- Protection against uncontrolled movements
- Release of leveller function by door control
- Release of door function by leveller control
- Auto return function
- 3-button unit for door control (optional)
- Triggering of 2- or 3-valve power units RS 300V
- Button for forced lip retraction RS 300V

RS 400K

Combined integrated door controls for dock levellers with hinged lip

RS 400V

Combined integrated door controls for dock levellers with telescopic lip

General

- Optional LCD monitor with clear text display
- Integrated main switch
- Recognition and control of rotating field
- Phase monitoring
- Short circuit proof control voltage
- Diagnostic messages via clear text display
- 3 programmable relay outputs (10 functions)
- 2 programmable inputs (5 functions)

Dock leveller control

- Multiple valve sequences
- Relay for dock sealing can be integrated (shelter)
- Triggering also via external door controls
- Connection of traffic lights (inside and outside)
- Connection of wheel chock and vehicle sensor
- Protection against uncontrolled movements
- Auto return function
- Additional diagnostic LED
- Integrated cycle counter

Door control

- Selectable electronic or mechanical limit switches
- Connection for airswitch safety edge.
- Connection for 8,2 kOhm safety edge
- Connection for optical safety edge
- 2 additional door positions are programmable
- Excess travel monitoring
- Pre-warning before closing the door
- Connection for photocell
- Integrated door cycle counter
- Winter operation (optional)

Accessories

A extensive range of accessories to compliment this range of dock leveller control panels are also available adding even more flexibility to your installation.

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