



Control Stations Division 2, Stainless Steel

SR.CS2*

- For use in North America
- Stainless Steel enclosure
- Certified for Class I, Division 2 hazardous areas
- Up to 107 operators per control station
- 10 enclosure size options
- Return Flange Sealing provides Drain Channel
- Customizable configuration of operators, cable entry quantities and cable gland types as per specification
- Customizable configuration of gland plates, ground bolt and hinges as per specification
- Option for vertical or horizontal mounting provides high flexibility
- Up to 4 gland plates
- Wide range of labels and accessories available

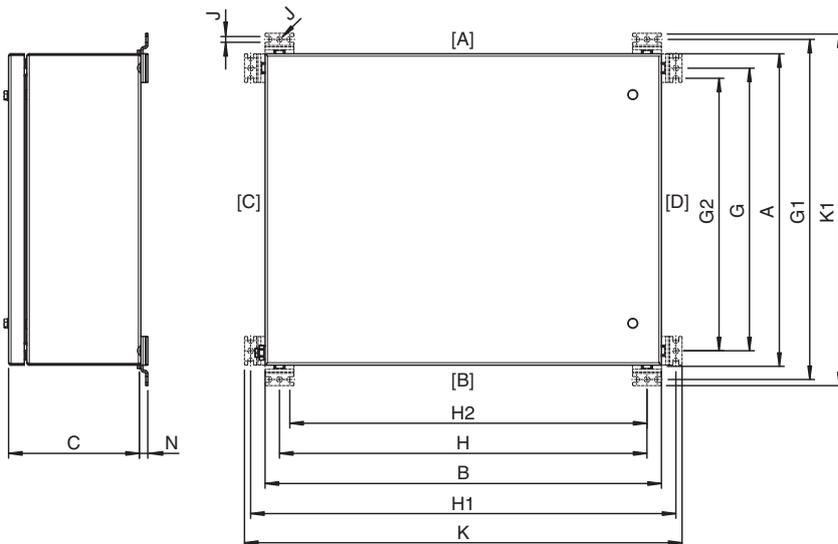
Control Stations Division 2, Stainless Steel



Function

The SR series is a flexible range of control stations for use in Class I, Division 2. The devices are fully customizable and as such will meet the needs of user specifications by being supplied with accessories such as quarter turn locks, mounting brackets or gland plates. A comprehensive range of operating elements, contact blocks, terminals, entry devices and enclosure accessories are available to ensure each configuration will exactly meet any application requirements. Enclosures are manufactured from brushed AISI 316L stainless steel and all fixings are manufactured from A4 grade stainless steel as standard to provide excellent tarnish and corrosion resistance. Your solution can be mounted in portrait or landscape orientation in temperatures ranging from -40°C up to +55 °C. Endless configurations can be confirmed by your local Pepperl+Fuchs office.

Dimensions



Release date: 2023-10-04 Date of issue: 2023-10-04 Filename: t208065_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Dimensions and Enclosure Details

Type	External dimensions [mm]						Mounting [mm]								Mass [kg]	Cover screws		
	A	B	C	C2	K	K1	G	G1	G2	H	H1	H2	J	N		Mx	qty.	Torque [Nm]
SRM.26.26.16	260	260	160	174	310	310	225	295	212.5	225	295	212.5	7	8.5	5.8	M6	4	3 - 3.5
SRM.31.31.16	310	310	160	174	360	360	275	345	262.5	275	345	262.5	7	8.5	8	M6	4	3 - 3.5
SRM.38.38.22	380	380	220	234	430	430	345	415	332.5	345	415	332.5	7	8.5	11	M6	4	3 - 3.5
SRM.38.48.22	380	480	220	234	530	530	345	415	332.5	445	515	432.5	7	8.5	13	M6	6	3 - 3.5
SRL.40.60.22	400	600	220	234	650	450	365	435	352.5	565	635	552.5	7	8.5	15.5	M6	6	3 - 3.5
SRL.48.48.22	480	480	220	234	530	530	445	515	432.5	445	515	432.5	7	8.5	16	M6	8	3 - 3.5
SRL.48.76.22	480	760	220	234	810	530	445	515	432.5	725	795	712.5	7	8.5	22	M6	8	3 - 3.5
SRL.60.60.26	600	600	260	274	650	650	565	670	552.5	565	635	552.5	7	8.5	24	M6	8	3 - 3.5
SRX.80.80.30	800	800	300	314	900	900	765	870	752.5	765	870	752.5	7	8.5	34	M6	8	3 - 3.5
SRX.90.60.30	900	600	300	314	700	100	865	970	852.5	565	670	552.5	7	8.5	33	M6	10	3 - 3.5

Mass is valid for empty enclosure, it will increase according to enclosure accessories, integrated components and entry devices
Values might differ slightly due to manufacturing tolerances

Control Elements max. Quantity per Enclosure Type

Type	Control elements quantity max.		
	small footprint		
	vertical	horizontal	total
SRM.26.26.16	3	3	8 (*)
SRM.31.31.16	3	4	12
SRM.38.38.22	4	5	20
SRM.38.48.22	4	7	28
SRL.40.60.22	5	8	40
SRL.48.48.22	6	7	41 (*)
SRL.48.76.22	6	11	66
SRL.60.60.26	7	9	63
SRX.80.80.30	10	12	120
SRX.90.60.30	12	9	107 (*)

(*) Top left control element omitted due to space limitations

Quantities are reduced when using quarter turn key locks. For details please contact Pepperl+Fuchs

Technical Data**Electrical specifications**

Operating voltage	250 V AC max.
Operating current	5 A max.
Terminal capacity	2.5 mm ²
Terminal torque	0.8 Nm ... 1.2 Nm

Mechanical specifications

Enclosure cover	fully detachable , hinged
Cover fixing	stainless steel A4 (V4A) hexagonal head screws , see data table
Cover seal	silicone
Degree of protection	Type 4X
Cable entry	cable glands as per specification
Gland plate on face(s)	optional
Material	
Enclosure	1.5 mm AISI 316L (1.4404) stainless steel
Gland plate	optional 3 mm or 6 mm AISI 316L (1.4404) stainless steel
Finish	brushed
Mass	see data table valid for empty enclosure, will increase according to integrated components
Dimensions	see data table
Mounting	screws , optional mounting brackets enclosed
Grounding	M6 internal/external brass nickel-plated grounding bolt M6 internal stainless steel grounding bolt welded to lid M6 internal stainless steel grounding bolt welded to enclosure body

Ambient conditions

Ambient temperature	-40 ... 55 °C (-40 ... 131 °F) depending on integrated components
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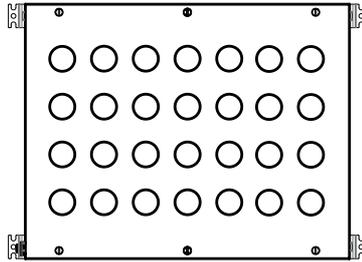
 **PEPPERL+FUCHS**

Type Code

8	Variant
C	configured product
CA	configured and adapted product
Y	engineered product

9	Variant number
xxxx	consecutive item number

Operating Elements Configuration



Example based on SR.CS2.38.48.22.B

Notes:

The use of label holders depends on operating elements configuration

The position of the grounding bolt can vary depending on configuration

All NC contacts have a direct opening action for emergency stop functions

For further configurations please contact Pepperl+Fuchs

For types of cable glands and combinations of different gland sizes please contact Pepperl+Fuchs