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Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

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Safety Interlock Switches

CM Series

Most Diverse and Flexible Line of Coded Magnetic Safety Interlock Switches and Controllers

- Combine door switch monitoring and E-stop monitoring by using the CM-S41 controller
- Monitor is single switch to CAT4 with the CM-S30 controller
- Monitor multiple switches to CAT3 using CM-S4 or CM-S30 controllers
- Monitoring multiple switches on individual channels can be achieved by using the CM-S21 or CM-S41 controllers. Easily expand your system by using the CM-SE expansion module.
- All CM switches are rated IP67
- Stainless steel switches are available for harsh environments
- A Rapid Delivery Product: Select models are available for shipment today or within 3 to 5 days



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Conforms to EN292, EN60204-1, EN954-1, EN1088, EN60947-5-3, EN947-5-3, EN50081, EN50082, EN61000-6-2, ISO 13849-1 UL and C-UL listed, TUV certified

Description

The CM series of controllers and coded magnetic switches offers the most flexibility and widest range of options available. The CM series is comprised of two basic technologies.

Controller Technologies

2-Wire Single Channel Controllers

The CM-S41 and CM-S21 controllers monitor the 2-wire magnetically coded switches. The CM-S41 and CM-S21 controllers use a patented technology which allows them to monitor the 2-wire or single channel switches up to Category 3. The ability to monitor just a single channel enables the CM-S41 and CM-S21 to easily monitor multiple switches and provide individual status of each channel. Both of these controllers are compatible with the CM-SE expansion module.

Dual Channel Controllers

The CM-S4 and CM-S30 controllers are designed to monitor conventional read-style, magnetically-coded switches with 1 N/O + 1 N/C contacts. The CM-S4 controller can monitor up to four switches to category 3. The CM-S4 controller offers status indication for each individual switch. The CM-S30 controller can monitor one switch to category 4, or two switches to category 3. The CM-S30 control unit is capable of monitoring up to 30 conventional read style switches in series, but does not conform to category 3 when used with more than two switches.

Switch Categories

The CM series of switches are all magnetically coded. The CM series of switches fall into three main categories:

- 1. 2-wire Coded Magnetic
- 2. Conventional Read Style 1 N/C + 1 N/O contacts
- 3. Universal Read Style 2 N/C + 1 N/O contacts

The 2-wire Coded Magnetic Switches are only compatible with the CM-S21, CM-S41 and CM-SE control units and expansion module. The Conventional Read Style Switches are compatible with the CM-S4 and CM-S30 controllers. The Universal Read Style Switches are unique in design, all three contacts are rated for safety. This means that Universal Read Style switches can be used with the CM-S4 or CM-S30 Controllers, or conventional safety monitoring relays such as the G9SA, SR103 or G9SX-AD, -BC. This allows the Universal Read Style Switches to be run in series with E-stop switches or other mechanical door switches. Typically a category 2 rating would be applied to a system that incorporates multiple switches wired in series to a standard safety monitoring relay. A risk assessment should always be performed by properly trained and authorized personnel.

Visit this product on www.sti.com for details.





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Switch Specifications

Electrical	CM-S1, CM-S2, CM-S3	CM-S5, CM-S6	CM-S221, CM- S521, CM-S621	CM-S11	CM-S31	CM-S321, CM-S421			
Safety Contacts:	1 N/C + 1 N/O	1 N/C + 1 N/O	2 N/C + 1 N/O	Current Sensing Circuit	Current Sensing Circuit	2 N/C + 1 N/O			
N/C Operating Distance:	CM-S1 — On = 3 mm; Off = 8 mm CM-S2 and CM-S3 — On = 6 mm; Off = 13 mm	On = 7 mm; Off = 10 mm	On = 7 mm; Off = 10 mm	On = 5-7 mm; Off = 8-12 m	On = 5-7 mm; Off = 8-12 mm	On = 7 mm; Off = 10 mm			
Minimum Gap:	1 mm	1 mm	1 mm	1 mm	1 mm	1 mm			
Max Switched Current/ Voltage:	500 mA / 24 V	300 mA / 24 V	300 mA / 24 V			300 mA / 24 V			
Mechanical									
Mounting:	2 x M4 screws supplied	2 x M4 screws supplied	2 x M4 screws supplied	2 x M4 screws supplied	2 x M4 screws supplied	3 x M4 screws supplied			
Case Material:	Glass filled PPS	ABS	ABS	ABS	316 stainless steel	316 stainless steel			
Max Wire Size:	Pre-wired cable to 5 m	Pre-wired cable to 10 m	Pre-wired cable to 10 m	Pre-wired cable to 10 m	Pre-wired cable to 10 m	Pre-wired cable to 5 m, 6-pin micro AC connector			
Weight:	230 g (8.1 oz.)	207 g (8.1 oz.)	230 g (8.1 oz.)	207 g (7.3 oz.)	265 g (9.3 oz.)	545 g (19.2 oz.)			
Color:	Red	Red	Red	Red	Stainless	Stainless			
Mechanical Life:	10 ⁶	106	106	10 ⁶	10 ⁶	10 ⁶			
Environmental									
Protection:	IP67 (NEMA 6)	IP67 (NEMA 6)	IP67 (NEMA 6)	IP67 (NEMA 6)	IP67 (NEMA 6)	IP67 (NEMA 6)			
Operating Temperature:	-10 to 55°C (14 to 131°F)	-10 to 55°C (14 to 131°F)	-10 to 55°C (14 to 131°F)	-10 to 55°C (14 to 131°F)	-10 to 55°C (14 to 131°F)	Connector Models: -10 to 55°C (14 to 131°F) Integrated Cables: -10 to 95°C (14 to 203°F)			
Humidity:	95% RH at 55°C (95% RH at 55°C (131°F)							
Compliance		,							
Standards:	EN292, EN60204-	1, EN954-1, EN1088	, EN60947-5-3, EN94	47-5-3, EN50081, EN	50082, EN61000-6-2				
Approvals/Listings:	EN292, EN60204-1, EN954-1, EN1088, EN60947-5-3, EN947-5-3, EN50081, EN50082, EN61000-6-2 CE marked for all applicable directives, UL and C-UL. TUV certified: CM-S1, CM-S2, CM-S3, CM-S11 and CM-S31.								

Specifications are subject to change without notice.

Note: The safety contacts of the STI switches are described as normally closed (N/C) i.e., with the guard closed, actuator in place, and the machine able to be started.

Select models are available for Rapid Delivery.





Control Unit Specifications

Electrical	CM-S4	CM-S30	CM-S41, CM-S21 & CM-SE	
Power Supply:	24 VAC/DC ± 10%	24 VAC/DC ± 10%	CM-S41 — 24 VAC/DC, 110/230 VAC CM-S21 & CM-SE — 24 VAC/DC	
Power Consumption:	2.4 VA typical, 0.25 A quick acting	120 mA	CM-S41 — 6 VA; CM-S21 & CM-SE — 3 VA	
Input Fuse:	500 mA resetable	750 mA resetable	500 mA resetable	
Safety Inputs:	1 N/O + 1 N/C	1 N/O + 1 N/C	CM-S41 — 4 CM-S11 or CM-S31 switches CM-S21 — 2 CM-S11 or CM-S31 switches CM-SE — 5 CM-S11 or CM-S31 switches	
Max Cable Length:	—	—	100 m (328 ft.)	
Max Input Resistance:	Contact factory	Contact factory	Contact factory	
Relay Outputs:	1 N/O safety + 1 N/O aux.	2 N/O safety + 1 N/C aux.	CM-S41 & CM-S21 — 2 N/O; CM-SE — N/A	
Max Switched Current/Voltage:	4 A / 24 VAC/DC	3 A / 24 VAC/DC	4 A / 230 VAC; 2 A / 24 VDC (resistive)	
Min Switched Current/Voltage:	4 mA / 12 V	4 mA / 12 V	10 V / 10 mA	
Impulse Withstand Voltage:	250 V	250 V	250 V	
Max Drop-Out Time:	18 ms	18 ms	Deactivation by sensor 13 mS	
Max Output Fuse:	4 A quick acting	4 A quick acting	AC = 5 A; DC = 2.5 A; quick acting	
Reset Mode:	Automatic	Automatic/Manual, monitored	Monitored manual or automatic	
External Device Monitoring:	N/C loop between Y1 and Y2	Between Y1, Y2, Y3	N/C loop between X1 and X2	
Mechanical				
Mounting:	35 mm (1.38 in.) DIN rail	35 mm (1.38 in.) DIN rail	35 mm (1.38 in.) DIN rail	
Case Material:	Polyamid PA6.6	Polyamid PA6.6	Polycarbonate	
Max Wire Size:	2 x 2.5 mm ² (12 AWG)	1 x 2.5 mm ² (14 AWG)	1 x 2.5 mm ² stranded, 1 x 4 mm ² solid	
Weight:	240 g (8.5 oz.)	230 g (8.1 oz.)	CM-S41 — 575 g (20.3 oz.) CM-S21 — 183 g (6.5 oz.) CM-SE — 135 g (4.8 oz.)	
Color:	Grey	Red/Grey	Red	
Indication:	U: Green = On Outputs Open: Red = On Outputs Closed: Green = On D11, D12, D21, D22: Green = Gate closed D31, D32, D41, D42: Red = Gate open	Green = Power On Green = K1 On Green = K2 On	Power = Red Outputs Closed: Green = On Outputs Open: No Light = Off Gate Closed: Yellow = On Gate Open: No Light = Off	
Mechanical Life:	3 x 10 ⁷	1 x 10 ⁷	1 x 10 ⁶	
Environmental				
Protection:	Housing IP40, Terminals IP20	Housing IP40, Terminals IP20	Housing IP40, Terminals IP20	
Operating Temperature:	0 to 50°C (32 to 122°F)	0 to 55°C (32 to 131°F)	10 to 55°C (50 to 131°F)	
Humidity:	95%	93%	85%	
Compliance				
Standards:	EN292, EN60204-1, ISO 13849-1, EN1088, I EN50081, EN50082, EN61000-6-2	EN292, EN60204-1, EN954-1,EN1088, EN60947-5-3, EN947-5-3, EN50081, EN50082, EN61000-6-2		
Approvals/Listings:	CE marked for all applicable directives, UL	and C-UL, TUV (TUV pending for	r CM-S30)	
Safety Category:	Cat 3 per EN954-1 (internal operation)	Cat 4 per ISO 13894-1 (internal operation)	Cat 3 per EN954-1 (internal operation)	

Specifications are subject to change without notice.

Note: The safety contacts of the STI switches are described as normally closed (N/C) i.e., with the guard closed, actuator in place, and the machine able to be started.









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Applications

2-Wire Single Channel Controllers

CM-S41 Control Unit

The CM-S41 is a combined Safety Switch and E-Stop control unit. Along with the ability to monitor up to four, 2-wire CM Series safety switches, it can also monitor the normally closed contacts of emergency stop buttons or mechanical safety switches in dual channel control circuits.

The CM-S41 has 2 normally open safety contact outputs and 1 normally closed auxiliary output, an external reset/proving circuit and LED indication for "Power", "Run" and the status of each activated gate switch.

CM-S21 Control Unit

The CM-S21 control unit is a 24 VAC/DC system that can monitor up to 2 CM Series safety switches.

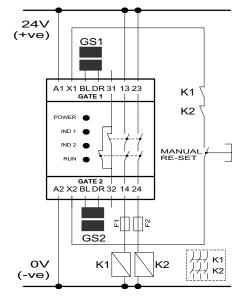
The CM-S21 has 2 normally open safety contact outputs and 1 normally closed auxiliary output, an external reset/proving circuit and LED indication for "Power", "Run" and the status of each activated gate switch.

CM-SE Extender Module

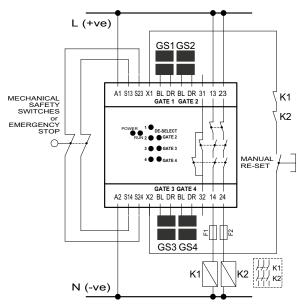
The CM-SE expansion module is a 24 VAC/DC unit that can be added to either the CM-S41 or CM-S21 to monitor an additional 5 CM Series safety switches. Connection to the main control unit is by a simple 2-wire bus connection. The status of each guard switch is shown by the YELLOW LED's. Additional CMS-E modules can be added to monitor larger systems.



CM-S21 Application Diagram



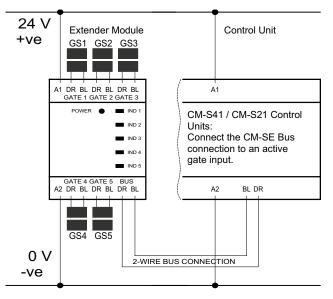
CM-S41 Application Diagram







CM-SE Application Diagram





Applications (continued)

Dual Channel Controllers

CM-S4 Control Unit

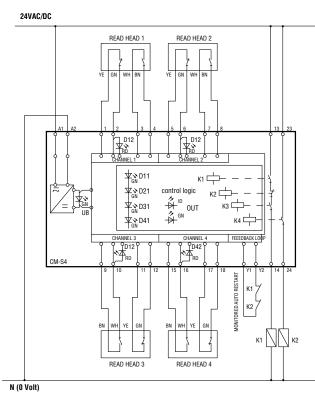
The CM-S4 controller is capable of monitoring up to four, magnetically coded switches with 1 N/O + 1 N/C contacts up to category 3 according to EN954-1. The CM-S4 has a dedicated dual channel input for each switch and has LED status indicators for each channel. The CM-S4 has 1 N/O safety contact and 1 N/O Aux contact. External Device Monitoring (EDM) is available using Y1,Y2 inputs.

CM-S30 Control Unit

The CM-S30 controller is capable of monitoring one magnetically coded switch with 1 N/O + 1 N/C contacts up to category 4, or two switches to category 3 according to ISO 13489-1. The CM-S30 control unit is capable of monitoring up to 30 conventional read style switches in series, but does not conform to category 4 when used with more than two switches. The CM-S30 controller has 2 N/O safety contacts and 1 N/C Auxiliary contact. External Device Monitoring (EDM) is available using Y1,Y2 inputs.



CM-S4 Application Diagram



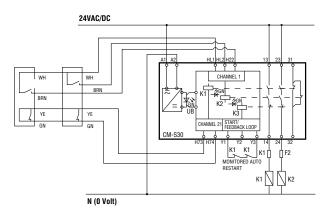
*23-24 should not be used as safety output.

Select models are available for Rapid Delivery.

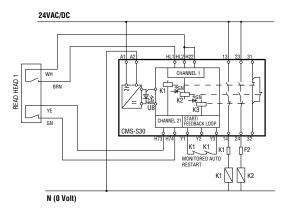
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CM-S30 Application Diagram (Cat 3)



CM-S30 Application Diagram (Cat 4)



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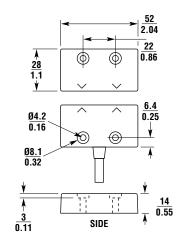
Dimensions

(mm/in.)

2-Wire Coded Magnetic Switches

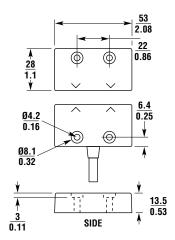
CM-S11





CM-S31





Select models are available for Rapid Delivery.

Visit this product on www.sti.com for details.



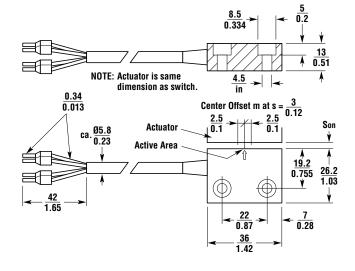
G-68

(mm/in.)

Conventional Read Style Switches

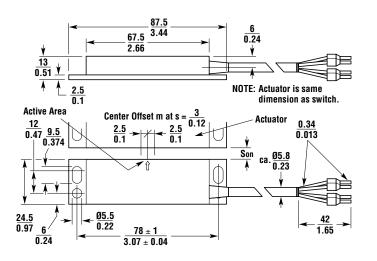
CM-S1





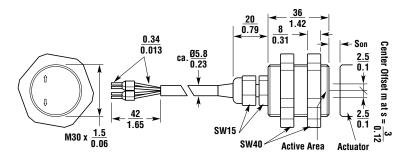
CM-S2





CM-S3













G-69

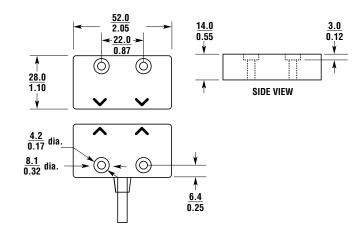
(mm/in.)

Conventional Read Style Switches (continued)

CM-S5



CM-S5 and CM-S521

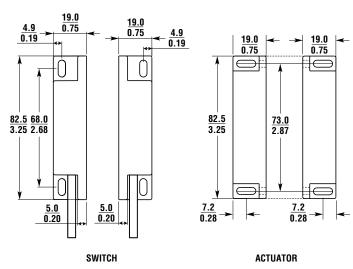


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CM-S6



CM-S6 and CM-S621



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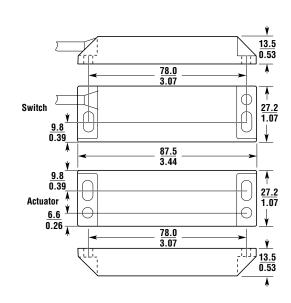


(mm/in.)

Universal Read Style Switches

CM-S221

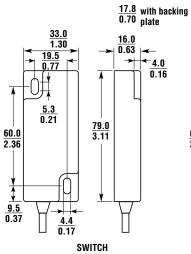




CM-S321/CM-S421



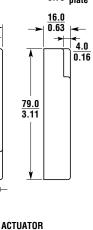
CM-S321 and CM-S421 Note: The CM-S321 includes a backing plate (not shown).



CM-S621

17.8 with backing 0.70 plate

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33.0

1.30

<u>19.5</u> 0.77

<u>5.3</u> 0.21

> <u>4.4</u> 0.17

<u>60.0</u> 2.36

1

9.5 0.37





For CM-S521 dimensions, please refer to the CM-S5 dimensions on the previous page.

For CM-S621 dimensions, please refer to the CM-S6 dimensions on the previous page.





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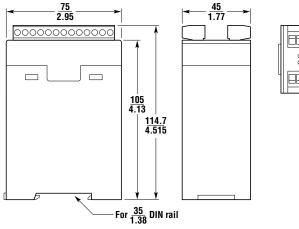


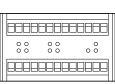
(mm/in.)

Control Units

CM-S4



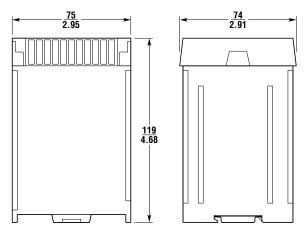


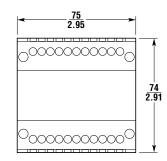


CM-S41

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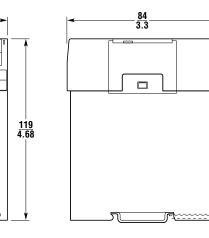


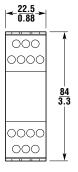




CM-S21 & CM-SE









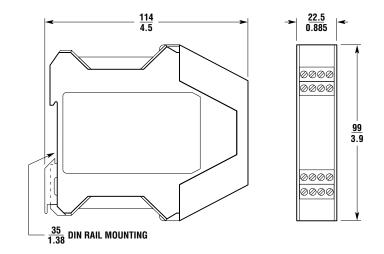
Visit this product on www.sti.com for details.

SVSTRAC

Control Units (continued)

CM-S30







Visit this product on www.sti.com for details.



Ordering

Model	Switch Construction	Contacts	Wiring Entry	Part No.
Control Units for 2-Wire Switches		·		
CM-S21-24 (24 VAC/DC)				44536-0120
CM-S41-24 (24 VAC/DC)				44536-0140
CM-S41-110 (110 VAC or 230 VAC)				44536-0141
CM-SE-24 (24 VAC/DC)				44536-0170
2-Wire Switches		1		
CM-S11-PC3	Plastic	2-wire system	3 m cable	44536-1100
CM-S11-PC5	Plastic	2-wire system	5 m cable	44536-1105
CM-S11-PC10	Plastic	2-wire system	10 m cable	44536-1103
		· · · ·		
CM-S11-PCC5	Plastic	2-wire system	connector + 5 m cable	44536-1159
CM-S31SC3	Stainless Steel	2-wire system	3 m cable	44536-3100
CM-S31SC5	Stainless Steel	2-wire system	5 m cable	44536-3105
CM-S31SCC5	Stainless Steel	2-wire system	connector + 5 m cable	44536-3159
Control Units for 1 N/C + 1 N/O Reed Style Switches				
CM-S30 (24 VAC/DC)				44536-0030
CM-S4 (24 VAC/DC)				44536-0040
1 N/C + 1 N/O Reed Style Switches				
CM-S1PC3	Plastic	1 N/C + 1 N/O	3 m cable	44536-0100
CM-S1PC5	Plastic	1 N/C + 1 N/O	5 m cable	44536-0105
CM-S2PC3	Plastic	1 N/C + 1 N/O	3 m cable	44536-0200
CM-52PC5	Plastic	1 N/C + 1 N/O 1 N/C + 1 N/O	5 m cable	44536-0205
CM-S3PC3	Plastic	1 N/C + 1 N/O	3 m cable	44536-0300
CM-S3PC5	Plastic	1 N/C + 1 N/O	5 m cable	44536-0305
CM-S5PC5	Plastic	1 N/C + 1 N/O	5 m cable	44536-0505
CM-S5PC10	Plastic	1 N/C + 1 N/O	10 m cable	44536-0510
CM-S6PC5	Plastic	1 N/C + 1 N/O	5 m cable	44536-0605
CM-S6PC10	Plastic	1 N/C + 1 N/O	10 m cable	44536-0610
CAUTION! Universal reed switches may be operated with a coded or non- CM-S221PC5	<i>coded actuator when u</i> Plastic	<i>using 2 NC contac</i> 2 N/C + 1 N/O	ts with a safety monitoring 5 m cable	<i>relay.</i> 44536-0221
CM-S221PCC5	Plastic	2 N/C + 1 N/O	connector + 5 m cable	44536-0225
CM-S221PCC	Plastic	2 N/C + 1 N/O	no cable	44536-0226
CM-S521PC5	Plastic	2 N/C + 1 N/O	5 m cable	44536-0521
CM-S521PC10	Plastic		5111 Cable	
CIM-352 IFC 10			10 m ophio	
OM CONTROL		2 N/C + 1 N/O	10 m cable	44536-1521
CM-S621PC5	Plastic	2 N/C + 1 N/O	5 m cable	44536-1521 44536-0621
CM-S621PC10	Plastic Plastic	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable	44536-1521 44536-0621 44536-1621
	Plastic Plastic Stainless Steel	2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable	44536-1521 44536-0621
CM-S621PC10	Plastic Plastic	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable	44536-1521 44536-0621 44536-1621
CM-S621PC10 CM-S321SC5	Plastic Plastic Stainless Steel Stainless Steel,	2 N/C + 1 N/O 2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector	44536-1521 44536-0621 44536-1621 44536-3221
CM-S621PC10 CM-S321SC5 CM-S321SCC5	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel,	2 N/C + 1 N/O 2 N/C + 1 N/O 2 N/C + 1 N/O 2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector,	44536-1521 44536-0621 44536-1621 44536-3221 44536-3229
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No	2 N/C + 1 N/O 2 N/C + 1 N/O 2 N/C + 1 N/O 2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable	44536-1521 44536-0621 44536-1621 44536-3221 44536-3229 44536-3220
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-1621 44536-3221 44536-3229 44536-3220 44536-4221
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 CM-S421SCC5	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-1621 44536-3221 44536-3229 44536-3220 44536-4221
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-1621 44536-3221 44536-3229 44536-3220 44536-4221
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-1621 44536-3229 44536-3229 44536-3220 44536-4221 44536-4229
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-1621 44536-3229 44536-3229 44536-3220 44536-4221 44536-4229 44536-0710
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic Replacement Actuator for CM-S2, Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-3221 44536-3229 44536-3220 44536-3220 44536-4221 44536-4229 44536-0710 44536-0720
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic Replacement Actuator for CM-S2, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-3221 44536-3229 44536-3220 44536-4221 44536-4229 44536-4229 44536-0710 44536-0720 44536-0730
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic Replacement Actuator for CM-S2, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-3221 44536-3229 44536-3220 44536-4221 44536-4229 44536-4229 44536-0710 44536-0720 44536-0730 44536-0750
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic Replacement Actuator for CM-S2, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-3221 44536-3229 44536-3220 44536-3220 44536-4221 44536-4229 44536-0710 44536-0710 44536-0730
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic Replacement Actuator for CM-S2, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-3221 44536-3229 44536-3220 44536-4221 44536-4229 44536-4229 44536-0710 44536-0720 44536-0730 44536-0750
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic Replacement Actuator for CM-S2, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-3221 44536-3229 44536-3220 44536-3220 44536-4221 44536-4229 44536-4229 44536-0710 44536-0720 44536-0750 44536-0750
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic Replacement Actuator for CM-S2, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic Replacement Actuator for CM-S11, Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-3221 44536-3229 44536-3220 44536-3220 44536-4221 44536-4229 44536-4229 44536-0710 44536-0710 44536-0750 44536-0750 44536-0760
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic Replacement Actuator for CM-S2, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic Replacement Actuator for CM-S5, CM-S621 Red ABS Plastic Replacement Actuator for CM-S11, Red ABS Plastic Replacement Actuator for CM-S11, Red ABS Plastic Replacement Actuator for CM-S31, Red ABS Plastic Replacement Actuator for CM-S21, Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-3221 44536-3229 44536-3220 44536-3220 44536-4221 44536-4229 44536-0720 44536-0710 44536-0720 44536-0750 44536-0750 44536-0711 44536-0721
CM-S621PC10 CM-S321SC5 CM-S321SCC5 CM-S321SCC CM-S421SC5 CM-S421SC5 Recommended Safety Monitoring Relays for Universal Reed Style Sv CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic Replacement Actuator for CM-S2, Red ABS Plastic Replacement Actuator for CM-S3, Red ABS Plastic Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic Replacement Actuator for CM-S5, CM-S621 Red ABS Plastic Replacement Actuator for CM-S11, Red ABS Plastic Replacement Actuator for CM-S11, Red ABS Plastic Replacement Actuator for CM-S11, Red ABS Plastic	Plastic Plastic Stainless Steel Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate	2 N/C + 1 N/O 2 N/C + 1 N/O	5 m cable 10 m cable 5 m cable M12 connector + 5 m cable M12 connector, no cable 5 m cable M12 connector	44536-1521 44536-0621 44536-3221 44536-3229 44536-3220 44536-3220 44536-4221 44536-4229 44536-4229 44536-0710 44536-0710 44536-0750 44536-0750 44536-0711 44536-0731





Universal Mounting Brackets can be used with this product. See page G-210 for details.





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