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





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.

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, 8 pin M12 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	10 ⁶	10 ⁶	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 (131°F)	•	•	•			
Compliance	· ·							
Standards:	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 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.



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:	afety Inputs: 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:	3×10^7	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 CM-S30)				
Safety Category:	Cat 3 per EN954-1 Cat 4 per ISO 13894-1 (internal operation) (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.



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.

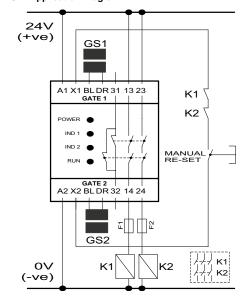
The CM-S21 has 2 normally open safety contact outputs and 1 normally closed auxiliary output, an external reset/proving circuit and LED indication for "Power", "Run" and the status of each activated gate switch.

CM-SE Extender Module

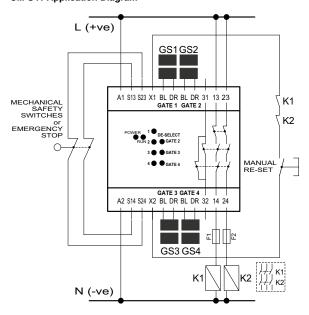
The CM-SE expansion module is a 24 VAC/DC unit that can be added to either the CM-S41 or CM-S21 to monitor an additional 5 CM Series safety switches. Connection to the main control unit is by a simple 2-wire bus connection. The status of each guard switch is shown by the YELLOW LED's. Additional CMS-E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



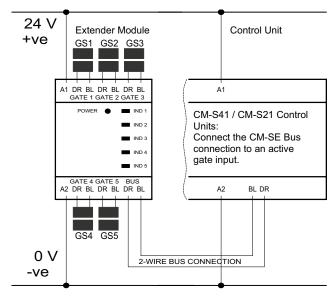
CM-S21 Application Diagram



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.

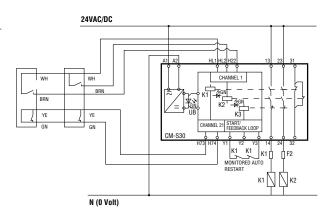


CM-S4 Application Diagram

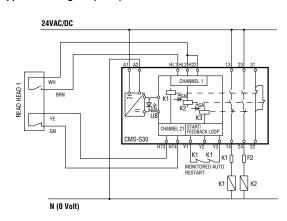
24VAC/DC READ HEAD 1 READ HEAD 2 к1 ⊏ **‡**% D21 control logic ∯" **₩** D31 OUT ∯ GN к4 📛 **⊉**№ D41 FEEEDBACK LOOF D12 D42 RD MONITORED AUTO RESTART K1 / READ HEAD 3 READ HEAD 4 N (O Volt)

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

CM-S30 Application Diagram (Cat 3)



CM-S30 Application Diagram (Cat 4)





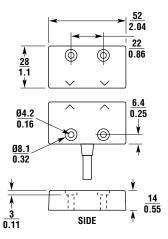


Dimensions (mm/in.)

2-Wire Coded Magnetic Switches

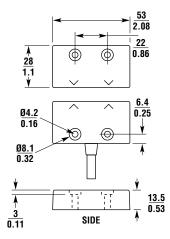
CM-S11





CM-S31



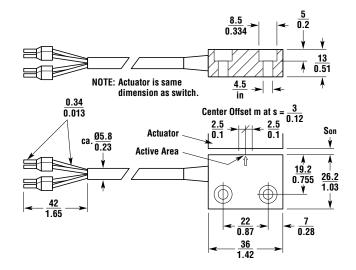


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Conventional Read Style Switches

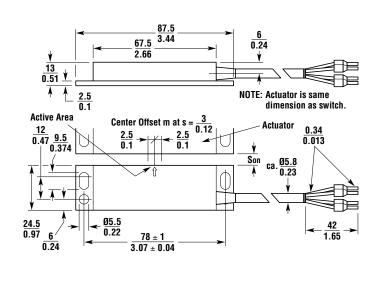
CM-S1





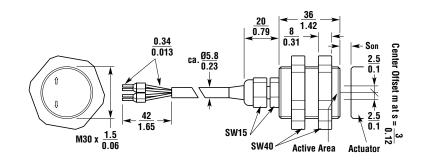
CM-S2





CM-S3





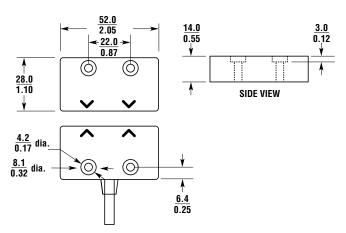


Conventional Read Style Switches (continued)

CM-S5



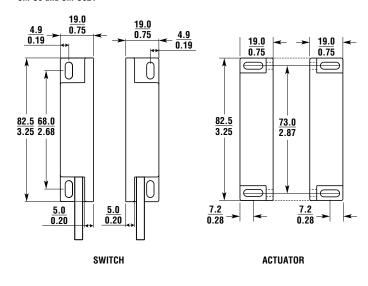
CM-S5 and CM-S521



CM-S6



CM-S6 and CM-S621



 $\begin{array}{c} \underline{17.8} \\ 0.70 \end{array} \text{ with backing}$

← 4.0

0.16

0.63

79.0

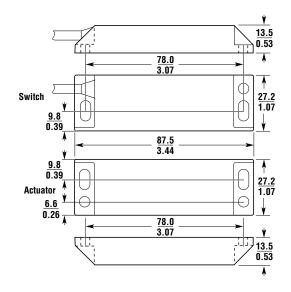
ACTUATOR

Universal Read Style Switches

CM-S221



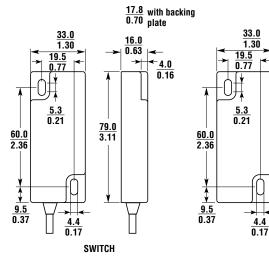
CM-S321/CM-S421



CM-S321 and CM-S421

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









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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.





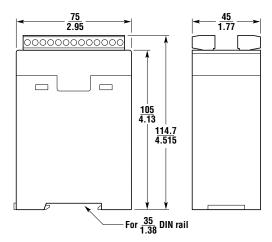


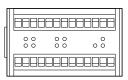


Control Units

CM-S4

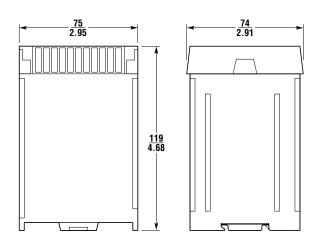


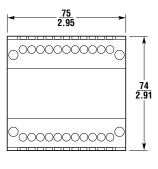




CM-S41

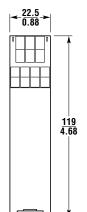


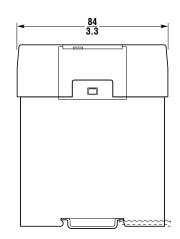


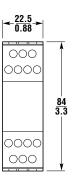


CM-S21 & CM-SE





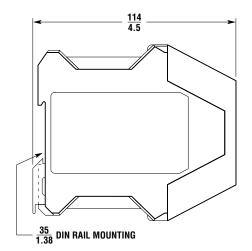


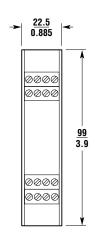


Control Units (continued)

CM-S30







Ordering

MAS-124 (24 VAC/DC)	Model	Switch Construction	Contacts	Wiring Entry	Part No.
MR-841-10 (17 M/X cor 230 VAC)	Control Units for 2-Wire Switches	T	ı		1
MAS41-110(110) VAC or 230 VAC)	,				
MAST-24 (24 VAC/DC)	,				
Plastic 2-wire system 3 m cable 4458-110	, ,				
DMS 11+PC3	,				44536-0170
Missis	2-Wire Switches				
MR-S11-PC10	CM-S11-PC3	Plastic	2-wire system	3 m cable	44536-1100
Mary Company Company	CM-S11-PC5	Plastic	2-wire system	5 m cable	44536-1105
Maintenant Miles	CM-S11-PC10	Plastic	2-wire system	10 m cable	44536-1110
Stainless Steel 2-wire system 5 m cable 44536-3155	CM-S11-PCC5	Plastic	2-wire system		44536-1159
Automatic Country Co	CM-S31SC3	Stainless Steel	2-wire system	3 m cable	44536-3100
M12 connector M13-6-003	CM-S31SC5	Stainless Steel	2-wire system	5 m cable	44536-3105
A4536-030	CM-S31SCC5	Stainless Steel	2-wire system		44536-3159
MRS-21 (24 VAC/DC)	Control Units for 1 N/C + 1 N/O Reed Style Switches				1
NIC+1 N/O Reed Style Switches	` '				44536-0030
Plastic	CM-S4 (24 VAC/DC)				44536-0040
Plastic	1 N/C + 1 N/O Reed Style Switches				
Plastic	CM-S1PC3	Plastic	1 N/C + 1 N/O	3 m cable	44536-0100
Plastic	CM-S1PC5	Plastic	1 N/C + 1 N/O	5 m cable	44536-0105
CM-S3PC3	CM-S2PC3	Plastic	1 N/C + 1 N/O	3 m cable	44536-0200
CM-S3PC3			1 N/C + 1 N/O		
CM-S3PC5					
CM-SSPC5				* ******	
Plastic					
Plastic 1 N/C + 1 N/O 5 m cable 44536-0601					
Plastic 1 N/C + 1 N/O 10 m cable 44536-0610					
Universal Reed Style Switches (can be used with safety monitoring relays that accept 1N/C + 1N/O or 2NC switch contacts except the SR203, SR208, SR209)					
M12 connector	CM-S221PC5	Plastic	2 N/C + 1 N/O	5 m cable	44536-0221
Plastic 2 N/C + 1 N/O 5 m cable 44536-052				M12 connector	
Plastic 2 N/C + 1 N/O 10 m cable 44536-152					
Plastic 2 N/C + 1 N/O 5 m cable 44536-062					
Plastic 2 N/C + 1 N/O 10 m cable 44536-162					44536-1521
Stainless Steel				5 m cable	
Stainless Steel, backing plate 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-3229 5 m cable with 8 pin M12 connector 44536-3229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-3229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-3229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-3229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-4229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-4229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-4229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-4229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-4229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-4229 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-4229	CM-S621PC10	Plastic	2 N/C + 1 N/O	10 m cable	44536-1621
CM-S321SCC Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, backing plate Stainless Steel, No backing	CM-S321SC5	Stainless Steel	2 N/C + 1 N/O	5 m cable	44536-3221
Stainless Steel, No backing plate 2 N/C + 1 N/O M12 connector 44536-3220	CM-S321SCC5	,	2 N/C + 1 N/O		44536-3229
Stainless Steel, No backing plate Stainless Steel, No backing plate Stainless Steel, No backing plate 2 N/C + 1 N/O 5 m cable with 8 pin M12 connector 44536-4229 44536-429 44536-4229 44536-4229 44536-4229 44536-4229 44536-429 44536-4229	CM-S321SCC	,	2 N/C + 1 N/O		44536-3220
Addition	CM-S421SC5	,	2 N/C + 1 N/O	5 m cable	44536-4221
Recommended Safety Monitoring Relays for Universal Reed Style Switches 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-S6, CM-S621 Red ABS Plastic Replacement Actuator for CM-S6, 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-S31, Red ABS Plastic Replacement Actuator for CM-S21, Red ABS Plastic Replacement Actuator for CM-S321, Stainless Steel, backing plate Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-075	CM-S421SCC5		2 N/C + 1 N/O		44536-4229
Spare Actuators/Accessories Replacement Actuator for CM-S1, Red ABS Plastic 44536-0710 Replacement Actuator for CM-S2, Red ABS Plastic 44536-0720 Replacement Actuator for CM-S3, Red ABS Plastic 44536-0730 Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic 44536-0750 Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic 44536-0760 Replacement Actuator for CM-S11, Red ABS Plastic 44536-071 Replacement Actuator for CM-S31, Red ABS Plastic 44536-073 Replacement Actuator for CM-S221, Red ABS Plastic 44536-072 Replacement Actuator for CM-S321, Stainless Steel, backing plate 44536-074 Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-075	Recommended Safety Monitoring Relays for Universal Reed Style S				
Replacement Actuator for CM-S1, Red ABS Plastic 44536-0710 Replacement Actuator for CM-S2, Red ABS Plastic 44536-0720 Replacement Actuator for CM-S3, Red ABS Plastic 44536-0730 Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic 44536-0750 Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic 44536-0760 Replacement Actuator for CM-S11, Red ABS Plastic 44536-0712 Replacement Actuator for CM-S31, Red ABS Plastic 44536-0722 Replacement Actuator for CM-S221, Red ABS Plastic 44536-0722 Replacement Actuator for CM-S321, Stainless Steel, backing plate 44536-0742 Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-0752	CM-S4, CM-S30, G9SA series, G9SX-AD, G9SX-BC, SR series				
Replacement Actuator for CM-S1, Red ABS Plastic 44536-0710 Replacement Actuator for CM-S2, Red ABS Plastic 44536-0720 Replacement Actuator for CM-S3, Red ABS Plastic 44536-0730 Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic 44536-0750 Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic 44536-0760 Replacement Actuator for CM-S11, Red ABS Plastic 44536-0712 Replacement Actuator for CM-S31, Red ABS Plastic 44536-0722 Replacement Actuator for CM-S221, Red ABS Plastic 44536-0722 Replacement Actuator for CM-S321, Stainless Steel, backing plate 44536-0742 Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-0752	Spare Actuators/Accessories				
Replacement Actuator for CM-S2, Red ABS Plastic 44536-0720 Replacement Actuator for CM-S3, Red ABS Plastic 44536-0730 Replacement Actuator for CM-S5, CM-S521 Red ABS Plastic 44536-0750 Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic 44536-0760 Replacement Actuator for CM-S11, Red ABS Plastic 44536-0710 Replacement Actuator for CM-S31, Red ABS Plastic 44536-0730 Replacement Actuator for CM-S31, Red ABS Plastic 44536-0720 Replacement Actuator for CM-S221, Red ABS Plastic 44536-0720 Replacement Actuator for CM-S321, Stainless Steel, backing plate 44536-0750 Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-0750	Replacement Actuator for CM-S1, Red ABS Plastic				44536-0710
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-S6, CM-S621 Red ABS Plastic Replacement Actuator for CM-S11, Red ABS Plastic Replacement Actuator for CM-S31, Red ABS Plastic Replacement Actuator for CM-S31, Red ABS Plastic Replacement Actuator for CM-S221, Red ABS Plastic Replacement Actuator for CM-S221, Red ABS Plastic Replacement Actuator for CM-S321, Stainless Steel, backing plate Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-075					
Replacement Actuator for CM-S5,CM-S521 Red ABS Plastic Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic Replacement Actuator for CM-S11, Red ABS Plastic Replacement Actuator for CM-S31, Red ABS Plastic Replacement Actuator for CM-S221, Red ABS Plastic Replacement Actuator for CM-S221, Red ABS Plastic Replacement Actuator for CM-S321, Stainless Steel, backing plate Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-075	•				
Replacement Actuator for CM-S6, CM-S621 Red ABS Plastic 44536-0760 Replacement Actuator for CM-S11, Red ABS Plastic 44536-0711 Replacement Actuator for CM-S31, Red ABS Plastic 44536-0731 Replacement Actuator for CM-S221, Red ABS Plastic 44536-0721 Replacement Actuator for CM-S221, Red ABS Plastic 44536-0721 Replacement Actuator for CM-S321, Stainless Steel, backing plate 44536-0741 Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-0751					
Replacement Actuator for CM-S11, Red ABS Plastic 44536-071 Replacement Actuator for CM-S31, Red ABS Plastic 44536-073 Replacement Actuator for CM-S221, Red ABS Plastic 44536-072 Replacement Actuator for CM-S321, Stainless Steel, backing plate 44536-074 Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-075			+		
Replacement Actuator for CM-S31, Red ABS Plastic 44536-073' Replacement Actuator for CM-S221, Red ABS Plastic 44536-072' Replacement Actuator for CM-S321, Stainless Steel, backing plate 44536-074' Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-075'			+		
Replacement Actuator for CM-S221, Red ABS Plastic 44536-072' Replacement Actuator for CM-S321, Stainless Steel, backing plate 44536-074' Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-075'					
Replacement Actuator for CM-S321, Stainless Steel, backing plate Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-074' 44536-075'	·				
Replacement Actuator for CM-S421, Stainless Steel, No backing Plate 44536-075	·				
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Mounting Bracket for CM-S3 44536-0800	•				44536-0751
	Mounting Bracket for CM-S3				44536-0800

