



# Enclosed disconnect switches

Range Overview



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Presentation title (to modify in the first slide master)  
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# Enclosed disconnect switches family

- THE NEWEST LINE of disconnect switches

*Polyester*  
NEMA 4, 4X



*Polycarbonate*  
NEMA 1, 3R, 12, 4, 4X



*Stainless steel*  
NEMA 4, 4X

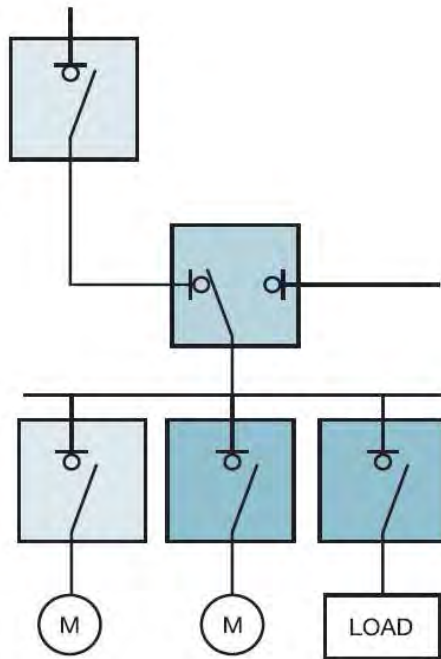


*Painted steel*  
NEMA 12



# Enclosed disconnect switches family

- Non-Fusible disconnect switches: 30 to 100A
- Fusible disconnect switches: 30 to 100A



	Rating (A)	Switch	Enclosure	UL / NEMA	Approvals
<b>Service Entrance Disconnect or Branch Disconnect</b>	Up to 100 A non-fusible	SIRCO M (UL 98)	Painted steel	12	UL 508A
			Polyester	4. 4X	
			Stainless steel	4. 4X	
			Polycarbonate	1, 3R, 12, 4, 4X	
	Up to 100 A fusible	FUSERBLOC (UL 98)	Painted steel	12	
<b>Manual motor Disconnect</b>	Up to 60 A non-fusible	SIRCO M (UL 60947-4-1)	Painted steel	12	UL 60947-4-1 <sup>(1)</sup>
			Polyester	4. 4X	
			Stainless steel	4. 4X	
			Polycarbonate	1. 3. 3R. 12. 4. 4X	

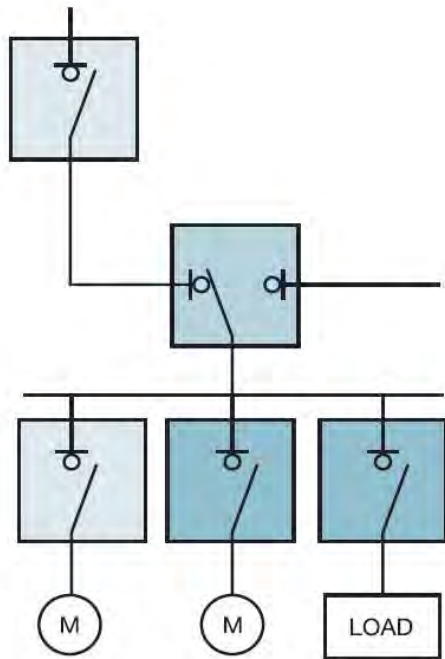
# Application

- Ideal for food processing, storage and heavy industries.
- Specifically designed for manufacturing plants exposed to frequent wash-downs or extreme treatments and environments.
- A flexible range including a variety of different accessories provide maximum flexibility and final customization



# Application

- UL 98 listed for general purpose, service entrance disconnect, or branch disconnect up to 600Vac
- UL 60947-4-1\* motor controller “suitable as motor disconnect” to comply with requirements of NEC 430.



	Switch	Approvals
Service Entrance Disconnect or Branch Disconnect	SIRCO M (UL 98)	UL 508A
	FUSERBLOC (UL 98)	
Manual motor Disconnect	SIRCO M (UL 60947-4-1)	UL 60947-4-1 <sup>(1)</sup>

\* Meets the requirements of the standard UL508



# Features

## *Polyester* NEMA 4, 4X

- A Nema
- B Impact Resistance
- B Chemical Resistance
- A Features



## *Polycarbonate* NEMA 1, 3R, 12, 4, 4X

- A Nema
- C Impact Resistance
- C Chemical Resistance
- A Features



## *Stainless steel* NEMA 4, 4X

- A Nema
- A Impact Resistance
- A Chemical Resistance
- A Features



## *Painted steel* NEMA 12

- C Nema
- A Impact Resistance
- B Chemical Resistance
- A Features



# Features



Red S01 Handle



Stainless Steel Latches



Ø 8 mm Max.

Screw less grounding terminal

Strong mounting feet



180° Door opening  
Removable door

Reliable switch positioning





# Customer Benefits Summary

Features	Benefits
Compact NEMA enclosures	Up to 4X, ideal for wash-down environments and extreme treatments
S01 handle type	Conform to OSHA lock-out/tag-out
Metal to Metal contact shaft/handle	Long life, no need to replace the handle over the time
Metallic padlocking hasp (metal boxes)	Long life, no need to replace the handle once maintenance achieve
Innovative reliable switch positioning and removable door	Allow easy installation
SIRCO M and FUSERBLOC switches	Designed to deliver long life and high performances



# Specifications

## ■ Non-fusible disconnect switches

Non-fusible disconnect switch, suitable for use as motor disconnect and service entrance disconnect

UL / NEMA enclosure, 3-pole, 600 VAC, non-fusible

					
<b>Approvals</b>	<b>Rating (A)</b>	UL / NEMA 12 <sup>(2)</sup> <b>Painted steel</b> color ANSI 61 gray	UL / NEMA 4, 4X <b>Polyester</b> color RAL 7035 light-gray	UL / NEMA 4, 4X <b>Stainless steel (304)</b> brushed finish	UL / NEMA 1, 3, 3R, 12, 4, 4X <b>Polycarbonate</b> color RAL 7035 light-gray
	UL 60947-4-1	30 <sup>(1)</sup> <b>221M 3703</b>	60 <sup>(1)</sup> <b>222M 3706</b>	<b>221X 3903</b>	<b>2214 3503</b>
	UL 508A	100 <b>30UB 3010</b>	<b>222E 3906</b>	<b>222X 3906</b>	<b>2224 3506</b>
			<b>30UL 3010</b>	<b>30UF 3010</b>	<b>30UJ 3010</b>

(1) Suitable for motor disconnect. (2) Handle with metallic padlocking hasp.

Non-fusible disconnect switch - Characteristics according to UL 60947-4-1 and UL 98

General use rating (A)	Motor disconnect		Service disconnect, non-fusible
	30	60	100
Short circuit at 600 (480) VAC (kA)	65	50 / 65	25
Short circuit at 480 VAC (kA)	65	50 / 65	100
Type of fuse	J	J	J
Max. rating (A)	30	100 / 60	100
Max. motor hp / FLA 3 ph motor max.			
208 VAC	7.5 / 24.2	15 / 46.2	-
220-240 VAC	7.5 / 22	20 / 54	20 / 54
440-480 VAC	20 / 27	40 / 52	50 / 65
600 VAC	25 / 27	40 / 41	50 / 52

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