

UL and CSA load break switches

from 16 to 1200 A



Function

Standard UL 508: load break switches for control of electric motors.

They ensure on-load making and breaking and provide safety isolation for motor control up to 600 VAC.

Standard UL 508i : Non-fusible disconnect switchies for DC and PV application.

They ensure on-load making and breaking and provide safety isolation for DC and PV circuit

Standard UL 98 and UL 98C: load break switches.

They ensure on-load making and breaking and provide safety isolation for all electrical circuits up to 800 VAC.

Standard UL 98B: Switches for use in DC application.

They ensure on-load making and breaking and provide safety isolation for DC/PV/ESS circuit up to 2000 VDC.

General characteristics

SIRCO M

- Positive break indication
- Backplate or DIN-rail mounting.
- Padlocking in position 0 with max. 3 padlocks for external control.
- Door locked when the switch is on for devices with external front operation.

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INOSYS LBS

- Visible breaking (contact position indication).
- DC-PV2 utilisation category.
- Opening and closing independent of speed of movement.
- No de-rating up to 60°C and an operating temperature range of -25 to +70°C.

SIRCO MC PV

- Making and breaking capacity under load conditions up to 1000 VDC.
- Bridging bars are factory fitted for easier, quicker and safer connection

Something to think about

- > SOCOMEC also offers a full range of load break switches, with direct or front external control that fully comply with UL & CSA standards.
- > A specific UL/CSA product catalogue is available on request, don't hesitate to contact us for your copy.
- > **Important:** all electrical equipment designed for the North American market must conform to UL/CSA standards.

Compliance with standards

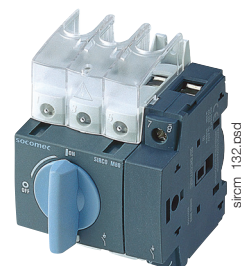
- > UL 508 (file UL E 173959)
- > UL 98 / UL 98C (file UL E 201138)
- > CSA (file CSA 112964 & 703166)
- > UL 98B (file UL E 346418)
- > UL 508i (file UL E 365404)



Standard UL 508: motor control

SIRCO M

Rating (A)	16	20	25	30	40	60	80
N° of poles							
3 P	•	•	•	•	•	•	•
4 P	•	•	•	•	•	•	•
Operation type							
Frontal direct/external	•	•	•	•	•	•	•
Type of mounting							
Front/back	•	•	•	•	•	-	-



Standard UL 98 : load break switches

SIRCO M and SIRCO

Type	SIRCO M			SIRCO					
Rating (A)	30	60	100	200	400	600	800	1000	1200
N° of poles									
3 P	•	•	•	•	•	•	•	•	•
4 P	•	•	•	•	•	•	•	•	•
Operation type									
External front	•	•	•	•	•	•	•	•	•



Standard UL98C: load break switches

SIRCO

Type	SIRCO		
Rating (A)	400	800	1000
N° of poles			
3 P	•	•	•
Operation type			
External front	•	•	•



Standard UL98B: load break switches for DC / PV / ESS

SIRCO M and SIRCO

Type	SIRCO M			SIRCO					
Rating (A)	100	200	250	400	500	600	800	1000	1200
N° of poles									
2 P	•	•	•	•	•	•	-	-	-
3 P	-	-	-	-	-	-	•	•	•
4 P	-	-	-	-	-	-	•	•	•
Operation type									
External front	•	•	•	•	•	•	•	•	•

