

Contactors and Contactor Assemblies

Fractional HP Starters, Class SMF

SIRIUS



Selection

NEMA 1 Enclosure for SIRIUS Starters

Features

- UL listed, NEMA Type 1 Metal Enclosure Painted Gray ANSI 61.
- Available HOA, Start-Stop, Off-On, For-Off-Rev, High Off Low. Pilot Device Kits mount easily to enclosure side allowing simple installation.
- Up to 2 pilot lights can be installed.
- The Pilot Light, Pushbutton, or Selector Switch mounting is common among all size enclosures.
- The “OL RESET” is the standard blue reset used throughout most of the enclosed product offering (Part no. 49MBRS).
- SIRIUS contactors mount quickly on Din Rail.
- The case and cover is built using the TOX process.



Description

The new enclosures are a family of NEMA type 1 clamshell style enclosures that house SIRIUS IEC Starters (3RT1*1, 3RT1*2, 3RT1*3, 3RT1*4). The 49EC14*B separate enclosures are designed for field assembly of a wide range of Siemens SIRIUS open style control components and field modification kits. Each enclosure comes with instruction sheets and reset assembly. These charts indicate the different size control devices that can be mounted in each of the enclosure.

Note: Pages Number from Industrial Control Products Catalog.

NEMA 1 Enclosure for Frame Sizes 101, 102 SIRIUS Starters – 49EC14EB

Contactors	Page	Bimetal OL	Page	Solid State OL	Page
3RT101	2/17	3RU1116	3/6	3RB101	3/19
3RT102	2/17	3RU1126	3/6	3RB102	3/19
Soft Starts	Page	Bimetal OL	Page	Solid State OL	Page
3RW3016	6/5	–	–	3RB101	3/19

NEMA 1 Enclosure for Frame Sizes 103 SIRIUS Starters - 49EC14GB

Contactors	Page	Bimetal OL	Page	Solid State OL	Page
3RT103	2/18	3RU1136	3/6	3RB103	3/19
Reversing	Page	Bimetal OL	Page	Solid State OL	Page
3RA131	2/66	3RU1116	3/6	3RB101	3/19
3RA132	2/67	3RU1126	3/6	3RB102	3/19
3RA133	2/68	3RU1136	3/6	3RB103	3/19
Soft Starts	Page	Bimetal OL	Page	Solid State OL	Page
3RW3024	6/6	–	–	3RB102	3/19
3RW3034	6/6	–	–	3RB103	3/19

NEMA 1 Enclosure for Frame Sizes 104 SIRIUS Starters - 49EC14IB

Contactors	Page	Bimetal OL	Page	Solid State OL	Page
3RT104	2/18	3RU1146	3/6	3RB104	3/19
Reversing	Page	Bimetal OL	Page	Solid State OL	Page
3RA134	2/69	3RU1146	3/6	3RB104	3/19
Soft Starts	Page	Bimetal OL	Page	Solid State OL	Page
3RW3046	6/6	–	–	3RB104	3/19



NEMA 1 Enclosure

Ordering Information

Industrial Control Catalog	Page
■ SIRIUS Contactors	2/17
■ SIRIUS Reversing Contactors	2/66-2/69
■ SIRIUS Bimetal Overload	3/6
■ SIRIUS Solid State Overload	3/19
■ SIRIUS Soft Starts	6/6



Application

The 49EC14*B separate enclosures are designed for field assembly of a wide range of Siemens SIRIUS open style control components and field modification kits as listed in the chart shown on this page. Each enclosure comes with instruction sheets. By stocking the 49EC14*B separate enclosures along with Siemens SIRIUS control components you can realize the versatility of the Siemens product offering while maximizing your stock.

Enclosure Description	Design for installation of:			Accessories Accepted	Catalog Part #	List Price \$
	Contactors	Bimetal OL	Solid State OL			
NEMA Type 1 Lift Off Cover	3RT101	3RU1116	3RB101	Pilot Light Kit Reset OL Pushbutton Selector Switch	49EC14EB110705R 1)	54
	3RT102	3RU1126	3RB102			
	Soft Starts 3RW3016	-	3RB101			
	3RT103	3RU1136	3RB103		49EC14GB140807R 1)	113
	Reversing	-	-			
	3RA131	3RU1116	3RB101			
	3RA132	3RU1126	3RB102			
	3RA133	3RU1136	3RB103			
	Soft Starts 3RW3024 3RW3034	- - -	3RB102 3RB103			
	3RT104	3RU1146	3RB104		49EC14IB201208R 1)	210
	Reversing	-	-			
	3RA134	3RU1146	3RB104			
Soft Starts 3RW3046	-	3RB104				
DIN Rail Required to mount Frame Sizes 101&102	3RT101, 3RT102, 3RW301	- - -	- - -		MTR5	6

Pilot Control

Legend	Pilot type	Catalog No.	List Price \$
Start-Stop	PB	49SBPB5	62
Off-on	SW	49SBSB4	62
Hand-Off-Auto	SW	49SBSB1	62
For-Off-Rev	SW	49SBSB2	62
High-Off-Low	SW	49SBSB3	62
Blue Reset	PB	49MBRS	22

Pilot Lights

Voltage AC	Catalog No.	List Price \$
120	49SBLBF	116
208, 240, 277	49SBLBG	116
480	49SBLBH	116
600	49SBLBE	116
24	49SBLBJ	116

1) For 49 EC enclosure information and dimensions see page 8/116