

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

Accessories

Mounting accessories

Overview

More information

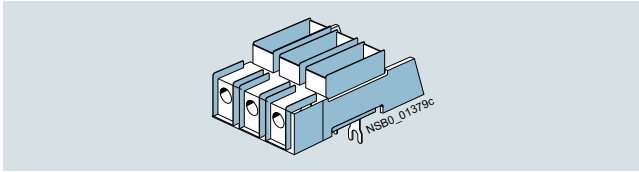
System Manual "SIRIUS – System Overview", see <https://support.industry.siemens.com/cs/ww/en/view/60311318>

Manual, see <https://support.industry.siemens.com/cs/ww/en/view/60279172>

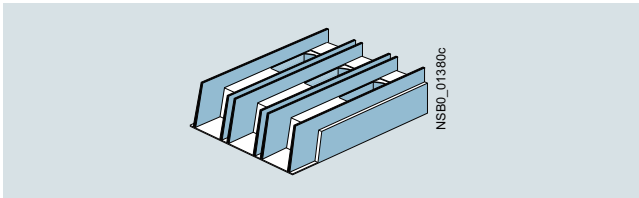
Accessories for "Self-Protected Combination Motor Controllers (Type E)" according to UL 508/UL 60947-4-1

The 3RV20 motor starter protectors with screw terminals are approved according to UL 508/UL 60947-4-1 as "Self-Protected Combination Motor Controllers (Type E)".

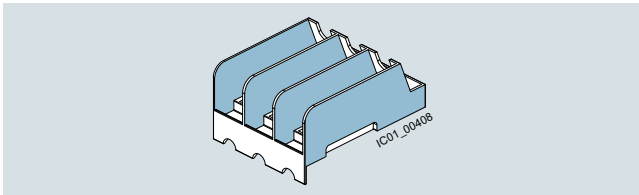
This requires increased through air and over surface spacing (1 inch and 2 inches respectively) at the input side of the device, which are achieved by mounting a terminal block or a phase barrier.



SIRIUS 3RV2928-1H terminal block



SIRIUS 3RT2946-4GA07 terminal block (type E)



SIRIUS 3RV2928-1K phase barrier

Motor starter protectors/ circuit breakers	Size	Essential accessories for "Self-Protected Combination Motor Controllers (Type E)" acc. to UL 508/UL 60947-4-1
3RV201., 3RV202.	S00/S0	3RV2928-1H terminal block or 3RV2928-1K phase barrier
3RV2031-4B.1., 3RV2031-4D.1., 3RV2031-4E.1., 3RV2031-4P.1., 3RV2031-4S.1., 3RV2031-4T.1., 3RV2031-4U.1., 3RV2031-4V.1.	S2	--
3RV2031-4J.1., 3RV2031-4K.1., 3RV2031-4R.1., 3RV2031-4W.1., 3RV2031-4X.1., 3RV2032	S2	3RV2938-1K phase barrier
3RV204.	S3	3RT2946-4GA07 terminal block

-- No accessories needed

Special three-phase infeed terminals are required for constructing "Type E Starters" with an insulated three-phase busbar system (see "Busbar accessories", page 7/48).

The 3RV29 infeed system also enables the assembly of "Type E Starters", see page 7/62 onwards.

Note:

According to CSA, these terminal blocks and the phase barriers can be omitted when the device is used as a "Self-Protected Combination Motor Controller (Type E)".

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Accessories

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Version	For motor starter protectors/ circuit breakers	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	Size	d					

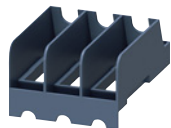
Terminal blocks and phase barriers for "Self-Protected Combination Motor Controllers (Type E)" according to UL 508/UL 60947-4-1



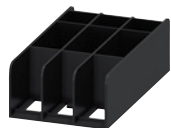
3RV2928-1H



3RT2946-4GA07



3RV2928-1K



3RV2938-1K

Note:

UL 508/UL 60947-4-1 approval demands 1-inch through air spacing and 2-inch over surface spacing for "Self-Protected Combination Motor Controllers (Type E)". The following terminal blocks or phase barriers must be used for the 3RV20 motor starter protectors with screw terminals. 3RV20 motor starter protectors with spring-type terminals must be assembled with the 3RV29 infed system for approval as "Self-Protected Combination Motor Controllers (Type E)" according to UL 508/UL 60947-4-1.

The terminal block or phase barriers cannot be used in combination with the 3RV19.5 three-phase busbars.

For construction with three-phase busbars, see "Busbar accessories", page 7/46 onwards.

Terminal blocks Type E	S00, S0	►	3RV2928-1H	1	1 unit	41E
For extended clearance and creepage distances (1 and 2 inch)	S3	5	3RT2946-4GA07	1	1 unit	41B
Phase barriers	S00, S0	►	3RV2928-1K	1	1 unit	41E
For extended clearance and creepage distances (1 and 2 inch)	S2	►	3RV2938-1K	1	1 unit	41E

Auxiliary terminals, 3-pole



3RT2946-4F

For connection of auxiliary and control cables to the main conductor connections (for one side)

S3	5	3RT2946-4F	1	1 unit	41B
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