## **SIEMENS**

Data sheet 3RW3014-2BB14



SIRIUS soft starter S00 6.5 A, 3 kW/400 V, 40 °C 200-480 V AC, 110-230 V AC/DC spring-type terminals

product brand name		CIDILIC
product brand name		SIRIUS
product feature		· ·
integrated bypass contact system		Yes
• thyristors		Yes
product function		
intrinsic device protection		No
<ul> <li>motor overload protection</li> </ul>		No
<ul> <li>evaluation of thermistor motor protection</li> </ul>		No
external reset		No
adjustable current limitation		No
inside-delta circuit		No
product component motor brake output		No
insulation voltage rated value	V	600
degree of pollution		3, acc. to IEC 60947-4-2
reference code according to EN 61346-2		Q
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750		G
ower Electronics		
product designation		Soft starter
operational current		
at 40 °C rated value	Α	6.5
at 50 °C rated value	Α	6
• at 60 °C rated value	Α	5.5
yielded mechanical performance for 3-phase motors		
• at 230 V		
— at standard circuit at 40 °C rated value	kW	1.5
• at 400 V		
— at standard circuit at 40 °C rated value	kW	3
yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V at standard circuit at 50 °C rated value	hp	1
operating frequency rated value	Hz	50 60
relative negative tolerance of the operating frequency	%	-10
relative positive tolerance of the operating frequency	%	10
operating voltage at standard circuit rated value	V	200 480
relative negative tolerance of the operating voltage at standard circuit	%	-15
relative positive tolerance of the operating voltage at standard circuit	%	10
minimum load [%]	%	10
	%	115

operation typical  (poer of voltage of the control supply voltage	power loss [W] at operational current at 40 °C during	W	0.5
ype of voltage of the control supply voltage on the control supply voltage frequency 1 rated value	operation typical		
control supply voltage frequency 2 rated value Control supply voltage frequency 2 rated value Requency Relative negative tolerance of the control supply voltage Requency Relative positive tolerance of the control supply voltage Requency Control supply voltage 1 at AC at 50 Hz Control supply voltage 1 at AC at 50 Hz Control supply voltage 1 at AC at 60 Hz V 110230 Control supply voltage 1 at AC at 60 Hz V 110230 Relative negative tolerance of the control supply voltage at AC at 50 Hz Relative negative tolerance of the control supply voltage at AC at 50 Hz Relative negative tolerance of the control supply voltage at AC at 60 Hz Control supply voltage 1 at AC at 50 Hz Cont			
Section supply voltage frequency 2 rated value   Each supply voltage frequency   Section supply voltage   Section suppl	type of voltage of the control supply voltage		AC/DC
relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency control supply voltage 1 at AC at 50 Hz voltage frequency control supply voltage at AC at 50 Hz voltage frequency voltage at AC at 50 Hz vo		Hz	50
frequency  required positive tolerance of the control supply voltage frequency  control supply voltage 1 at AC at 50 Hz  control supply voltage 1 at AC at 50 Hz  control supply voltage 1 at AC at 50 Hz  control supply voltage 1 at AC at 50 Hz  relative negative tolerance of the control supply voltage at AC at 50 Hz  relative negative tolerance of the control supply voltage at AC at 50 Hz  relative negative tolerance of the control supply voltage at AC at 50 Hz  relative negative tolerance of the control supply voltage at AC at 50 Hz  relative negative tolerance of the control supply voltage at AC at 50 Hz  relative positive tolerance of the control supply voltage at AC at 50 Hz  relative positive tolerance of the control supply voltage at AC at 50 Hz  relative positive tolerance of the control supply voltage at AC at 50 Hz  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  relative positive tolerance of the contr	control supply voltage frequency 2 rated value	Hz	60
frequency  Control supply voltage 1 at AC at 50 Hz  Control supply voltage 1 at AC at 60 Hz  Control supply voltage 1 at AC at 60 Hz  V 110 230  110 20  110 20  110 20  110 20  110 20  110 20  110 20  110 20  110	• • • • • • • • • • • • • • • • • • • •	%	-10
control supply voltage 1 at AC at 60 Hz relative negative tolerance of the control supply voltage at AC at 80 Hz relative positive tolerance of the control supply voltage at AC at 60 Hz relative positive tolerance of the control supply voltage at AC at 60 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz control supply voltage 1 at DC relative positive tolerance of the control supply voltage at DC relative positive t		%	10
Section   Sect	control supply voltage 1 at AC at 50 Hz	V	110 230
AC at 50 Hz relative positive tolerance of the control supply voltage at AC at 50 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz relative positive tolerance of the control supply voltage at CC relative positive tolerance of the control supply voltage at CC display version for fault signal  ***Cettanical data** ***Size of engine control device ***width	control supply voltage 1 at AC at 60 Hz	V	110 230
AC at 50 Hz relative negative tolerance of the control supply voltage at AC at 50 Hz relative negative tolerance of the control supply voltage at AC at 50 Hz Control supply voltage 1 at DC relative positive tolerance of the control supply voltage at BC relative positive tolerance of the control supply voltage at BC relative positive tolerance of the control supply voltage at BC relative positive tolerance of the control supply voltage at BC relative positive tolerance of the control supply voltage at BC display version for fault signal  ### AC at 50 Hz  ### AC at 50 Hz  relative positive tolerance of the control supply voltage at BC  relative positive tolerance of the control supply voltage at BC  ### AC at 50 Hz  ### AC at 50		%	-15
AC at 00 Hz relative positive tolerance of the control supply voltage at AC at 60 Hz control supply voltage 1 at DC rutative negative tolerance of the control supply voltage at DC rutative negative tolerance of the control supply voltage at DC rutative negative tolerance of the control supply voltage at DC display version for fault signal  Mochanical data  size of engine control device  width		%	10
AC at 80 Hz  control supply voltage 1 at DC  relative negative tolerance of the control supply voltage at DC  relative positive tolerance of the control supply voltage at DC  display version for fault signal  Mochanical data  size of engine control device  width  mm  45  size of engine control device  width  mm  150  fastoning mothod  mounting position  fastoning mothod  mounting position  required spacing with side-by-side mounting  - upwards  - at the side  - downwards  - at the side  - odownwards  - to main current circuit  Connections/Teminals  type of electrical connection  - for main current circuit  - of auxiliary and control circuit  - mumber of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  1 ype of connectable conductor cross-sections for main  contacts for box terminal  - using the front clamping point  - solid  - finely stranded with core end processing  - type of connectable conductor cross-sections for auxiliary contacts  - solid  - finely stranded with core end processing  - type of connectable conductor cross-sections for auxiliary contacts  - solid  - finely stranded with core end processing  - fi		%	-15
relative negative tolerance of the control supply voltage at DC relative positive tolerance of the control supply voltage at DC display version for fault signal  Mochanical data  size of engine control device width mm 45 height mm 150 depth mm 150 fastening method mm 150 fastening method mounting position with side-by-side mounting e-upwards mm 56 e-at the side mm 15 e-at the side mm	AC at 60 Hz		
relative positive tolerance of the control supply voltage at DC display version for fault signal Mechanical data  size of engine control device S00 mm 45 mm 45 meight mm 150 mm			
DC display version for fault signal Mechanical data  size of engine control device Width mm 45 height mm 120 depth mm 150 screw and snap-on mounting mounting position With vertical mounting surface +/- 10" intable to the front and back required spacing with side-by-side mounting wiff as exposition with vertical mounting surface +/- 10" intable to the front and back required spacing with side-by-side mounting mm 60 screw and snap-on mounting surface +/- 10" intable to the front and back required spacing with side-by-side mounting surface +/- 10" intable to the front and back required spacing with side-by-side mounting surface +/- 10" intable to the front and back required spacing with side-by-side mounting surface +/- 10" intable to the front and back required spacing surface +/- 10" intable to the front and back required spacing surface +/- 10" intable to the front and back required spacing with side-by-side mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to the front and back required mounting surface +/- 10" intable to			-20
size of engine control device width mm 45 height mm 120 depth mm 150 fastening method mounting position with vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° ritiable to the front and back required spacing with side-by-side mounting upwards mm 60 at the side mm 15 odownwards mm 40 wire length maximum m 300 number of poles for main current circuit 3  Connections/ Terminals  type of electrical connection of or auxiliary and control circuit spring-loaded terminals number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 2 vipe of connectable conductor cross-sections for main contacts for box terminal using the front clamping point solid finely stranded with core end processing type of connectable conductor cross-sections for main contacts a solid in linely stranded with core end processing type of connectable conductor cross-sections for main contacts in linely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid innely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid innely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid innely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid innely stranded with core end processing type of connectable conductor cross-sections for AWG cables  The strandard strand		%	20
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width mm 45 height mm 120 depth mm 120 screw and snap-on mounting mounting position With vertical mounting surface +/-10* rotatable, wi	Mechanical data		
height depth mm 150 fastening method mm 150 mounting position  required spacing with side-by-side mounting  • upwards mm 15 • at the side mm 15 • downwards mm 40 wire length maximum m 300 number of poles for main current circuit 3  Connections/ Forminals  type of electrical connection • for main current circuit spring-loaded terminals number of NO contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of NO contacts for auxiliary contacts 10 number of CO contacts for auxiliary contacts 11 number of CO contacts for auxiliary contacts 12 number of NO contacts for auxiliary contacts 13 number of NO contacts for auxiliary contacts 14 number of CO contacts for auxiliary contacts 15 number of NO contacts for auxiliary contacts 15 number of NO contacts for auxiliary contacts 15 number of NO contacts for auxiliary contacts 15 number of CO contacts for auxiliary contacts 16 number of CO contacts for auxiliary contacts 17 number of CO contacts for auxiliary contacts 18 number of CO contacts for auxiliary contacts 19 number of CO contacts for auxiliary contacts 10 number of CO contacts for auxiliary	size of engine control device		S00
depth fastening method mounting position  mounting position  required spacing with side-by-side mounting  • upwards • at the side • at the side • downwards • mm  15 • downwards • mm  16 • downwards • mm  17 • downwards • mm  18 • downwards • mm  19 • opposition  mumber of poles for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit  • for auxiliary and control circuit  • for main current circuit • for auxiliary contacts  number of NO contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1   1   1   2   2   2   2   2   3   2   2   3   2   3   3	width	mm	45
fastening method  mounting position  With vertical mounting surface +/-10" rotatable, with vertical mounting surface +/-10" ritable to the front and back  required spacing with side-by-side mounting  • upwards • at the side • downwards  wire length maximum  number of poles for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point • solid • finely stranded with core end processing  type of connectable conductor cross-sections for main contacts • solid • finely stranded with core end processing  type of connectable conductor cross-sections for main contacts • solid • finely stranded with core end processing  type of connectable conductor cross-sections for main contacts • solid • finely stranded with core end processing  type of connectable conductor cross-sections for main contacts • solid • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts • solid • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts • solid • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts • solid • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts • solid • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables  a connectable conductor cross-sections for AWG cables  a connectable conductor cross-sections for AWG cables  a connectable conductor cross-sections for AWG cables	height	mm	120
mounting position  With vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° tillable to the front and back  mm	depth	mm	150
required spacing with side-by-side mounting  upwards at the side t			
• upwards     • at the side     • downwards     • downwards     mm			
• at the side • downwards wire length maximum number of poles for main current circuit  Connections/ Terminals  type of electrical connection • for awailiary and control circuit spring-loaded terminals  • for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 1 type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point • solid • sinely stranded with core end processing type of connectable conductor cross-sections for AWG cables for main contacts for box terminal • using the front clamping point  type of connectable conductor cross-sections for main contacts • solid • so			
• downwards     wire length maximum     number of poles for main current circuit  Connections/ Terminals  type of electrical connection     • for main current circuit     • for auxiliary and control circuit     number of NC contacts for auxiliary contacts     number of NC contacts for auxiliary contacts     1     number of NO contacts for auxiliary contacts     1     number of CO contacts for auxiliary contacts     1     value of CO contacts for auxiliary contacts     1     value of CO contacts for auxiliary contacts     1     value of CO contacts for auxiliary contacts     value of CO contacts for auxiliary contacts     value of CO contacts for auxiliary contacts     value of Connectable conductor cross-sections for main contacts for box terminal using the front clamping point     value of Connectable conductor cross-sections for AWG cables for main contacts for box terminal     value of Connectable conductor cross-sections for main contacts     value of Connectable conductor cross-sections for main contacts     value of Connectable conductor cross-sections for main contacts     value of Connectable conductor cross-sections for auxiliary contacts     value of Connectable conductor cross-sections for AWG cables  value of Connectable conductor cross-sections for AWG cables  value of Connectable conductor cross-sections for AWG cables	·	mm	
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number of poles for main current circuit  2 connections/ Terminals  type of electrical connection  • for main current circuit  • for main current circuit  • for auxiliary and control circuit  number of NC contacts for auxiliary contacts  number of CO contacts for auxiliary contacts  number of CO contacts for auxiliary contacts  type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • solid  • solid  • solid  • using the front clamping point  type of connectable conductor cross-sections for AWG cables for main contacts for box terminal  • using the front clamping point  type of connectable conductor cross-sections for main contacts  • solid  • solid  • using the front clamping point  type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables			
type of electrical connection  • for main current circuit  • for auxiliary and control circuit  • for auxiliary and control circuit  • for ouxiliary and control circuit  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • solid  • solid  • solid  • solid  • using the front clamping point  • solid  • solid  • solid  • using the front clamping point  type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  • solid  • finely stranded with core end processing  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables		m	
type of electrical connection	<u> </u>		3
• for main current circuit     • for auxiliary and control circuit     number of NC contacts for auxiliary contacts     number of NO contacts for auxiliary contacts     number of CO contacts for auxiliary contacts     1     number of CO contacts for auxiliary contacts     1     number of CO contacts for auxiliary contacts     1     vype of connectable conductor cross-sections for main contacts for box terminal using the front clamping point     • solid     • solid     • finely stranded with core end processing     1     vype of connectable conductor cross-sections for AWG cables for main contacts for box terminal     • using the front clamping point     2x (1 2.5 mm²), 2x (2.5 6 mm²)     2x (1 2.5 mm²), 2x (2.5 6 mm²)     2x (1 2.5 mm²), 2x (2.5 6 mm²)     2x (1 2.5 mm²)     3x (1 2.5 mm²)     4x (1 2.5 mm²)     4x (1 2.5 mm²)     5x (1 2.5 mm²)			
for auxiliary and control circuit     spring-loaded terminals     number of NC contacts for auxiliary contacts     number of NO contacts for auxiliary contacts     number of CO contacts for auxiliary contacts     type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point			
number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of CO contacts for auxiliary contacts  type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • solid  • solid  • solid  • solid  • using the front clamping point  • using the front clamping point  • solid  • solid  • using the front clamping point  type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  1 4 mm²  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables			
number of NO contacts for auxiliary contacts  number of CO contacts for auxiliary contacts  type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • solid  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables for main contacts for box terminal  • using the front clamping point  type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  1 4 mm²  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  2x (0.25 2.5 mm²)  type of connectable conductor cross-sections for AWG cables	•		
number of CO contacts for auxiliary contacts  type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • solid  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables for main contacts for box terminal  • using the front clamping point  type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables	·		
type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables for main contacts for box terminal  • using the front clamping point  type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • solid  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • solid  2x (1 2.5 mm²)  1 4 mm²  2x (16 10)  2x (16 10)  2x (16 10)			
solid     finely stranded with core end processing     type of connectable conductor cross-sections for AWG cables for main contacts for box terminal     using the front clamping point     type of connectable conductor cross-sections for main contacts     solid     finely stranded with core end processing     type of connectable conductor cross-sections for auxiliary contacts     solid	type of connectable conductor cross-sections for main		U
• finely stranded with core end processing      type of connectable conductor cross-sections for AWG cables for main contacts for box terminal     • using the front clamping point      type of connectable conductor cross-sections for main contacts     • solid     • finely stranded with core end processing      type of connectable conductor cross-sections for auxiliary contacts     • solid     • solid			2x (1 2.5 mm²), 2x (2.5 6 mm²)
type of connectable conductor cross-sections for AWG cables for main contacts for box terminal  • using the front clamping point  type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables			
type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • solid  2x (0.25 2.5 mm²)  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables	type of connectable conductor cross-sections for AWG		
type of connectable conductor cross-sections for main contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts  • solid  • solid  2x (0.25 2.5 mm²)  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables	<ul> <li>using the front clamping point</li> </ul>		2x (16 10)
• finely stranded with core end processing  type of connectable conductor cross-sections for auxiliary contacts      • solid     • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables  1 2.5 mm²  2x (0.25 2.5 mm²)  2x (0.25 1.5 mm²)	type of connectable conductor cross-sections for main		
type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables  2x (0.25 2.5 mm²)  2x (0.25 1.5 mm²)	• solid		1 4 mm²
contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables  contacts  2x (0.25 2.5 mm²)  2x (0.25 1.5 mm²)	<ul> <li>finely stranded with core end processing</li> </ul>		1 2.5 mm²
• finely stranded with core end processing  2x (0.25 1.5 mm²)  type of connectable conductor cross-sections for AWG cables	••		
type of connectable conductor cross-sections for AWG cables	• solid		2x (0.25 2.5 mm²)
cables	<ul> <li>finely stranded with core end processing</li> </ul>		2x (0.25 1.5 mm²)
• for main contacts 16 12			
	• for main contacts		16 12

• for auxiliary contacts		2x (24 14)
Ambient conditions		
installation altitude at height above sea level	m	5 000
environmental category		
<ul> <li>during transport according to IEC 60721</li> </ul>		2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
<ul> <li>during storage according to IEC 60721</li> </ul>		1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
during operation according to IEC 60721		3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
ambient temperature		
<ul> <li>during operation</li> </ul>	°C	-25 +60
during storage	°C	-40 +80
derating temperature	°C	40
protection class IP on the front according to IEC 60529		IP20
touch protection on the front according to IEC 60529		finger-safe, for vertical contact from the front
UL/CSA ratings		
yielded mechanical performance [hp] for 3-phase AC motor		
• at 220/230 V		
<ul> <li>at standard circuit at 50 °C rated value</li> </ul>	hp	1
• at 460/480 V		
— at standard circuit at 50 °C rated value	hp	3
contact rating of auxiliary contacts according to UL		B300 / R300
Approvals Certificates		

## **General Product Approval**





Confirmation







General Product Ap-

EMV

**Test Certificates** 

other



<u>KC</u>

Type Test Certificates/Test Report

**Miscellaneous** 

Confirmation

## **Environment**

Environmental Con**firmations** 

Simulation Tool for Soft Starters (STS)

https://support.industry.siemens.com/cs/ww/en/view/101494917

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW3014-2BB14

Cax online generator

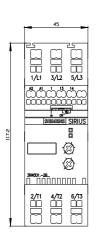
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW3014-2BB14

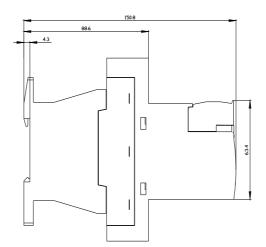
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RW3014-2BB14

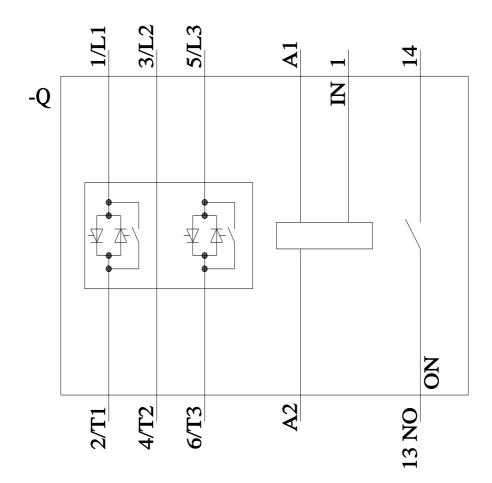
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW3014-2BB14&lang=en









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