## **SIEMENS**

Data sheet 3RW3046-2BB14



SIRIUS soft starter S3 80 A, 45 kW/400 V, 40 °C 200-480 V AC, 110-230 V AC/DC spring-type terminals

General technical data		
product brand name		SIRIUS
product feature		
<ul> <li>integrated bypass contact system</li> </ul>		Yes
• thyristors		Yes
product function		
<ul> <li>intrinsic device protection</li> </ul>		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
Power Electronics		
product designation		Soft starter
operational current		
<ul> <li>at 40 °C rated value</li> </ul>	Α	80
<ul> <li>at 50 °C rated value</li> </ul>	Α	73
<ul> <li>at 60 °C rated value</li> </ul>	Α	66
yielded mechanical performance for 3-phase motors		
• at 230 V		
— at standard circuit at 40 °C rated value	kW	22
• at 400 V		
— at standard circuit at 40 °C rated value	kW	45
yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V at standard circuit at 50 °C rated value	hp	20
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
continuous operating current [% of le] at 40 °C	%	115

power loss, IVI) at operational current at 40 °C during operation typical propertion by progression properties. We control supply voltage frequency 1 rated value 12 50 control supply voltage frequency 2 rated value 142 50 control supply voltage frequency 2 rated value 142 50 control supply voltage frequency 2 rated value 142 50 control supply voltage frequency 2 rated value 142 50 control supply voltage frequency 2 rated value 142 50 control supply voltage 142 50 control supply voltage 142 50 control supply voltage 143 50 control supply voltage 144 50 control supply voltage 144 50 control supply voltage 145 50 control supply vol			
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• 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     type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point     • solid     • solid     • stranded     type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point     • solid     • solid     • solid     • solid     • stranded     † 2x (2.5 16 mm²)     • stranded     † 2x (2.5 16 mm²)     • solid     • solid     • solid     • stranded     † 2x (2.5 16 mm²)     • stranded     † 10 70 mm²   **type of connectable conductor cross-sections for main contacts for box terminal using both clamping points     • solid     • solid     • finely stranded with core end processing     • stranded     † 2x (2.5 16 mm²)     • solid     • finely stranded with core end processing     • solid     • finely stranded with core end processing     • stranded     † 2x (2.5 35 mm²)     • stranded			screw-type 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  • solid  • finely stranded with core end processing  • stranded  • solid  • stranded with core end processing  • stranded  • solid  • solid  • solid  • solid  • stranded  • stranded  • stranded  • solid  • sol			· · · · · · · · · · · · · · · · · · ·
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 • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid • solid • finely stranded with core end processing • stranded  2x (2.5 16 mm²)  2x (2.5 16 mm²)  2x (2.5 16 mm²)  2x (2.5 10 mm²)  4x (2.5 10 mm²)  2x (2.5 10 mm²)  2x (2.5 10 mm²)  2x (2.5 10 mm²)  2x (2.5 10 mm²)	<u> </u>		
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  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid  • solid  • stranded  • stranded  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • stranded  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using both clamping points  • solid  • stranded with core end processing  • stranded with core end processing  • stranded  • stranded both conductor cross-sections for AWG cables for main contacts for box terminal			
type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • solid  • finely stranded with core end processing  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid  • finely stranded with core end processing  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid  • solid  type of connectable conductor cross-sections for main contacts for box terminal using both clamping points  • solid  • solid  • solid  • solid  • solid  • solid  • finely stranded with core end processing  • stranded  type of connectable conductor cross-sections for AWG cables for main contacts for box terminal			0
<ul> <li>solid</li> <li>finely stranded with core end processing</li> <li>stranded</li> <li>type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point</li> <li>solid</li> <li>finely stranded with core end processing</li> <li>stranded</li> <li>type of connectable conductor cross-sections for main contacts for box terminal using both clamping points</li> <li>solid</li> <li>type of connectable conductor cross-sections for main contacts for box terminal using both clamping points</li> <li>solid</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>stranded</li> <li>type of connectable conductor cross-sections for AWG cables for main contacts for box terminal</li> </ul>	<b>3.</b>		
<ul> <li>finely stranded with core end processing</li> <li>stranded</li> <li>type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point</li> <li>solid</li> <li>finely stranded with core end processing</li> <li>stranded</li> <li>type of connectable conductor cross-sections for main contacts for box terminal using both clamping points</li> <li>solid</li> <li>solid</li> <li>finely stranded with core end processing</li> <li>solid</li> <li>finely stranded with core end processing</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>stranded</li> <li>type of connectable conductor cross-sections for AWG cables for main contacts for box terminal</li> </ul>			2x (2.5 16 mm²)
stranded      type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point     solid     solid     inely stranded with core end processing     stranded     type of connectable conductor cross-sections for main contacts for box terminal using both clamping points     solid	finely stranded with core end processing		
contacts for box terminal using the back clamping point  • solid  • solid  • finely stranded with core end processing  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using both clamping points  • solid  • solid	• stranded		4 70 mm²
• finely stranded with core end processing     • stranded     10 70 mm²  type of connectable conductor cross-sections for main contacts for box terminal using both clamping points     • solid     2x (2.5 16 mm²)     • finely stranded with core end processing     • stranded     2x (2.5 35 mm²)     • stranded     2x (10 50 mm²)  type of connectable conductor cross-sections for AWG cables for main contacts for box terminal	contacts for box terminal using the back clamping point		0(0.5
stranded      type of connectable conductor cross-sections for main contacts for box terminal using both clamping points     solid     solid     finely stranded with core end processing     stranded     stranded     type of connectable conductor cross-sections for AWG cables for main contacts for box terminal			
contacts for box terminal using both clamping points  • solid  • finely stranded with core end processing  • stranded  type of connectable conductor cross-sections for AWG cables for main contacts for box terminal			
<ul> <li>finely stranded with core end processing</li> <li>stranded</li> <li>2x (2.5 35 mm²)</li> <li>2x (10 50 mm²)</li> <li>type of connectable conductor cross-sections for AWG cables for main contacts for box terminal</li> </ul>	**		
• stranded	• solid		2x (2.5 16 mm²)
type of connectable conductor cross-sections for AWG cables for main contacts for box terminal			
• using the back clamping point 10 2/0	type of connectable conductor cross-sections for AWG		2.4(10 00 11111 )
	using the back clamping point		10 2/0

using both clamping points  using both clamping points  2x (10 1/0)  type of connectable conductor cross-sections for DIN cable lug for main contacts  • finely stranded  • stranded  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  • for main contacts  • for auxiliary contacts according to IEC 60721   • for auxiliary contacts according to IEC 60721   • for auxiliary contacts according to IEC 60721   • for auxiliary contacts according to IEC 60529    fine for auxiliary contacts according to IEC 60529    fine for auxiliary contacts according to UL    Approvals Contact rating of auxiliary contacts according to UL    Approvals Contact rating of auxiliary contacts according to UL    Approvals Contact rating of auxiliary contacts according to UL    Approvals Contact rating of auxiliary contacts according to UL	<ul> <li>using the front clamping point</li> </ul>		10 2/0
type of connectable conductor cross-sections for DIN cable lug for main contacts  • finely stranded  • solid  • finely stranded with core end processing  • finely stranded with core end processing  • finely stranded with core end processing  • for main contacts  • for main contacts  • for auxiliary contacts  • for during transport according to IEC 60721  • during storage according to IEC 60721  • during storage according to IEC 60721  • during operation  • during operation  • during storage  • during the merature  • during storage  • during apperature  • during operation  • during storage  • during storage  • during apperature  • during apperature  • during operation  • during storage  • during apperature			
• stranded  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  • for main contacts  • for main contacts  • for auxiliary contacts  • auxiliary contacts  • for auxiliary contacts  • for auxiliary contacts  • auxiliary contacts  • for auxiliary contacts  • auxiliary contacts auxiliary  • auxiliary contacts  • auxiliary contacts auxiliary  • auxiliary contacts  • auxiliary c	type of connectable conductor cross-sections for DIN cable		2.4(10 110)
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 • for main contacts • for main contacts • for main contacts • for auxiliary contacts  • for main contacts • for auxiliary contacts  Ambient conditions  installation altitude at height above sea level environmental category • during transport according to IEC 60721 • during storage according to IEC 60721 • during operation • during storage • during operation • during storage • C -25 +60 • during storage • C -40 +80  derating temperature protection class IP on the front according to IEC 60529 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  — at standard circuit at 50 °C rated value • at 460/480 V  — at standard circuit at 50 °C rated value • hp 50 contact rating of auxiliary contacts according to UL  B300 / R300	finely stranded		2 x (10 50 mm²)
contacts  • solid  • finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables  • for main contacts  • for main contacts  • for auxiliary contacts  2x (7 1/0)  • x (24 14)  Ambient conditions  installation altitude at height above sea level  environmental category  • during through according to IEC 60721  • during storage according to IEC 60721  • during operation according to IEC 60721  ambient temperature  • during operation  • during operation  • during storage  • C  -25 +60  • during storage  • C  -40 +80  derating temperature  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  yielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V  — at standard circuit at 50 °C rated value  • at 460/480 V  — at standard circuit at 50 °C rated value  • hp  50  contact rating of auxiliary contacts according to UL  B300 / R300	• stranded		2x (10 70 mm²)
• finely stranded with core end processing  type of connectable conductor cross-sections for AWG cables      • for main contacts     • for main contacts     • for main contacts     • for main contacts     • for auxiliary contacts  Ambient conditions  installation altitude at height above sea level  environmental category     • during transport according to IEC 60721     • during storage according to IEC 60721     • during operation     • C     • c25 +60     • during storage     • C     • during operation     • C     • during operation     • C     • during storage     • C     • during operation according to IEC 60529     • IP20  touch protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  yielded mechanical performance [hp] for 3-phase AC motor     • at 220/230 V     — at standard circuit at 50 °C rated value     • at 460/480 V     — at standard circuit at 50 °C rated value     • by     • contact rating of auxiliary contacts according to UL      B300 / R300	• •		
type of connectable conductor cross-sections for AWG cables  • for main contacts • for auxiliary contacts 2x (7 1/0) 2x (24 14)  Ambient conditions  installation altitude at height above sea level environmental category • during transport according to IEC 60721 • during storage according to IEC 60721 • during operation according to IEC 60721 • during operation according to IEC 60721  ambient temperature • during operation • during storage  • during storage  • during transport  • during transport  • during operation according to IEC 60721  and for formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  ambient temperature • during operation • C -25 +60 • during storage  derating temperature  • C 40  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  yielded mechanical performance [hp] for 3-phase AC motor • at 220/230 V  — at standard circuit at 50 °C rated value • at 460/480 V — at standard circuit at 50 °C rated value • hp 50  contact rating of auxiliary contacts according to UL  B300 / R300	• solid		2x (0.25 2.5 mm²)
of for main contacts of or auxiliary contacts 2x (7 1/0) 2x (24 14)  Ambient conditions installation altitude at height above sea level environmental category of during transport according to IEC 60721 of during storage according to IEC 60721 of during operation according to IEC 60721 ambient temperature of during operation of during storage derating temperature of during storage derating temperature of during storage cording to IEC 60529 touch protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529  IL/CSA ratings  yielded mechanical performance [hp] for 3-phase AC motor of at 220/230 V — at standard circuit at 50 °C rated value of contact rating of auxiliary contacts according to UL  B300 / R300	<ul> <li>finely stranded with core end processing</li> </ul>		2x (0.25 1.5 mm²)
• for auxiliary contacts  Ambient conditions  installation altitude at height above sea level  environmental category  • during transport according to IEC 60721  • during storage according to IEC 60721  • during operation according to IEC 60721  ambient temperature  • during operation  • during storage  derating temperature  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  yielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V  — at standard circuit at 50 °C rated value  • at 460/480 V — at standard circuit at 50 °C rated value  contact rating of auxiliary contacts according to UL  mediate of the devices of the standard circuit at 50 °C rated value  hp 50  contact rating of auxiliary contacts according to UL	· ·		
Ambient conditions  installation altitude at height above sea level environmental category  • during transport according to IEC 60721 • during storage according to IEC 60721 • during operation according to IEC 60721 • during operation according to IEC 60721 • during operation according to IEC 60721  ask6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  ambient temperature • during operation • during storage • during storage • C -25 +60 • during storage • C 40  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  in a tandard circuit at 50 °C rated value  • at 460/480 V  — at standard circuit at 50 °C rated value  hp 50  contact rating of auxiliary contacts according to UL  B300 / R300	• for main contacts		2x (7 1/0)
installation altitude at height above sea level  environmental category  during transport according to IEC 60721  during storage according to IEC 60721  during operation according to IEC 60721  ambient temperature  during operation  during storage  during storage  during operation  curing operation  curing operation  curing operation  curing operation  curing storage  curing storage state devices, 1M4  curing storage according to IEC 60529  during storage according to IEC 60529  during storage according to IEC 60529  during storage according storage according to IEC 60529  contact rating of auxiliary contacts according to UL  curing storage according to IEC 60721  curing storage according to IEC 60	<ul> <li>for auxiliary contacts</li> </ul>		2x (24 14)
environmental category  • during transport according to IEC 60721  • during storage according to IEC 60721  • during operation according to IEC 60721  ambient temperature  • during operation  • during storage  • during operation  • during storage  • during storage  • during storage  • during storage  • C  -25 +60  • during storage  • C  derating temperature  protection class IP on the front according to IEC 60529  touch protection on the front ac	Ambient conditions		
during transport according to IEC 60721     during storage according to IEC 60721     during operation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6   ambient temperature     during operation     during storage     during storage     C     -25 +60     during storage     during temperature     protection class IP on the front according to IEC 60529     touch protection on the front according to IEC 60529     touch protection on the front according to IEC 60529     inger-safe, for vertical contact from the front  UL/CSA ratings  yielded mechanical performance [hp] for 3-phase AC motor     at 220/230 V     detail at 50 °C rated value     at 460/480 V     detail at 50 °C rated value     index a standard circuit at 50 °C rated value     index a standard circui	installation altitude at height above sea level	m	5 000
during storage according to IEC 60721     during operation according to IEC 60721     ambient temperature     during operation     during storage     c     derating temperature     protection class IP on the front according to IEC 60529     touch protection on the front according to IEC 60529  IL/CSA ratings  yielded mechanical performance [hp] for 3-phase AC motor     at 220/230 V     at standard circuit at 50 °C rated value     at 460/480 V     at standard circuit at 50 °C rated value     contact rating of auxiliary contacts according to UL  B300 / R300   1K6 (only occasional condensation), 1C2 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3C3 (no sal	environmental category		
(sand must not get inside the devices), 1M4  • during operation according to IEC 60721  ambient temperature • during operation • during storage  derating temperature  protection class IP on the front according to IEC 60529  touch protection on the front according	<ul> <li>during transport according to IEC 60721</li> </ul>		2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
ambient temperature  • during operation • during storage  derating temperature  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection 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  — at standard circuit at 50 °C rated value • at 460/480 V  — at standard circuit at 50 °C rated value  hp 50  contact rating of auxiliary contacts according to UL  B300 / R300	<ul> <li>during storage according to IEC 60721</li> </ul>		
<ul> <li>during operation</li> <li>during storage</li> <li>C -25 +60</li> <li>derating temperature</li> <li>C 40</li> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> <li>IP20</li> <li>touch protection on the front according to IEC 60529</li> <li>finger-safe, for vertical contact from the front</li> <li>UL/CSA ratings</li> <li>yielded mechanical performance [hp] for 3-phase AC motor</li> <li>at 220/230 V</li> <li>at standard circuit at 50 °C rated value</li> <li>at 460/480 V</li> <li>at standard circuit at 50 °C rated value</li> <li>hp 50</li> <li>contact rating of auxiliary contacts according to UL</li> <li>B300 / R300</li> </ul>	during operation according to IEC 60721		
during storage     derating temperature     C	ambient temperature		
derating temperature  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  UL/CSA ratings  yielded mechanical performance [hp] for 3-phase AC motor  at 220/230 V  at standard circuit at 50 °C rated value  at 460/480 V  at standard circuit at 50 °C rated value  at standard circuit at 50 °C rated value  bp 50  contact rating of auxiliary contacts according to UL  B300 / R300	<ul> <li>during operation</li> </ul>	°C	-25 +60
protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  UL/CSA ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V  — at standard circuit at 50 °C rated value  • at 460/480 V  — at standard circuit at 50 °C rated value  bp 50  contact rating of auxiliary contacts according to UL  IP20	during storage	°C	-40 +80
touch protection on the front according to IEC 60529  UL/CSA ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V  — at standard circuit at 50 °C rated value  • at 460/480 V  — at standard circuit at 50 °C rated value  hp 50  contact rating of auxiliary contacts according to UL  finger-safe, for vertical contact from the front  place of the finger-safe, for vertical contact from the front  finger-safe, for vertical contact from the front  by  50  B300 / R300	derating temperature	°C	40
yielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V  — at standard circuit at 50 °C rated value hp 25  • at 460/480 V  — at standard circuit at 50 °C rated value hp 50  contact rating of auxiliary contacts according to UL B300 / R300	protection class IP on the front according to IEC 60529		IP20
yielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V  — at standard circuit at 50 °C rated value hp 25  • at 460/480 V  — at standard circuit at 50 °C rated value hp 50  contact rating of auxiliary contacts according to UL B300 / R300	touch protection on the front according to IEC 60529		finger-safe, for vertical contact from the front
at 220/230 V — at standard circuit at 50 °C rated value  at 460/480 V — at standard circuit at 50 °C rated value  hp  50  contact rating of auxiliary contacts according to UL  B300 / R300	UL/CSA ratings		
— at standard circuit at 50 °C rated value hp 25  ● at 460/480 V  — at standard circuit at 50 °C rated value hp 50  contact rating of auxiliary contacts according to UL B300 / R300	yielded mechanical performance [hp] for 3-phase AC motor		
• at 460/480 V  — at standard circuit at 50 °C rated value hp 50  contact rating of auxiliary contacts according to UL B300 / R300	• at 220/230 V		
— at standard circuit at 50 °C rated value hp 50  contact rating of auxiliary contacts according to UL B300 / R300	<ul> <li>at standard circuit at 50 °C rated value</li> </ul>	hp	25
contact rating of auxiliary contacts according to UL B300 / R300	• at 460/480 V		
	<ul> <li>at standard circuit at 50 °C rated value</li> </ul>	hp	50
Approvals Certificates	contact rating of auxiliary contacts according to UL		B300 / R300
	Approvals Certificates		

**General Product Approval** 



Confirmation









General Product Approval EMV **Test Certificates** other





Type Test Certificates/Test Report <u>KC</u>

Special Test Certific-<u>ate</u>

Miscellaneous

other Railway Environment

Confirmation Special Test Certific-**Environmental Con**firmations <u>ate</u>

Simulation Tool for Soft Starters (STS)

Information on the packaging

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

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

https://www.siemens.com/ic10

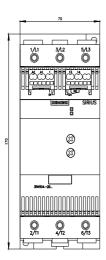
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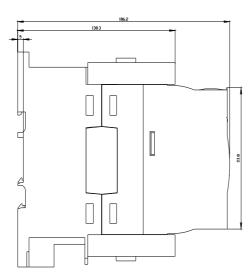
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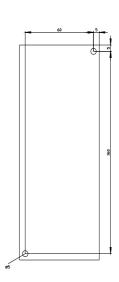
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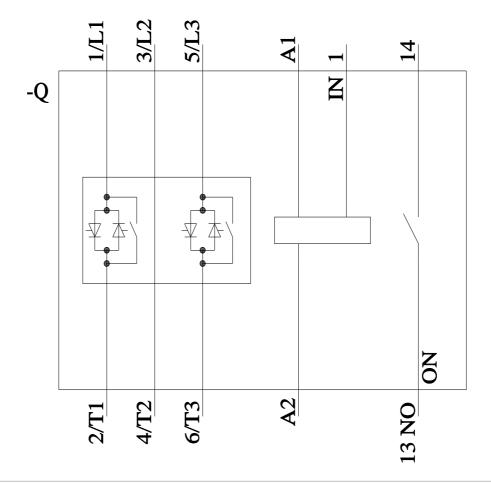
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)









last modified: 3/11/2024 🖸