## **SIEMENS**

Data sheet 3RW3036-2BB04



SIRIUS soft starter S2 45 A, 22 kW/400 V, 40  $^{\circ}\text{C}$  200-480 V AC, 24 V AC/DC spring-type terminals

General technical data		
product brand name		SIRIUS
product feature		
<ul> <li>integrated bypass contact system</li> </ul>		Yes
<ul><li>thyristors</li></ul>		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
<ul> <li>adjustable current limitation</li> </ul>		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 acc. to DIN EN 61346-2		Q
reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		G
Power Electronics		
product designation		Soft starter
operational current		
<ul> <li>at 40 °C rated value</li> </ul>	Α	45
<ul> <li>at 50 °C rated value</li> </ul>	Α	42
<ul> <li>at 60 °C rated value</li> </ul>	Α	39
yielded mechanical performance for 3-phase motors  ● at 230 V		
<ul> <li>— at standard circuit at 40 °C rated value</li> </ul>	W	11 000
● at 400 V		
— at standard circuit at 40 °C rated value	W	22 000
yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V at standard circuit at 50 °C rated value	hp	10
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 yo, or to jat 40°C during operation typical operational current at 40°C during operation typical of control supply voltage frequency 1 rated value by overall or supply voltage frequency 2 rated value by control supply voltage frequency 2 rated value by voltage frequency control supply voltage frequency by voltage frequenc	continuous energing current [0/ ef la] at 40.00	- 0/	115
operation typical Control Supply voltage of the control supply voltage control supply voltage frequency 1 rated value relative negative tolerance of the control supply voltage frequency 1 rated value relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency control supply voltage frequency 2 rated value * at 60 14z rated value * of 60	continuous operating current [% of le] at 40 °C	- %	115
Sentrol circuit/ Control   Type of voltage of the control supply voltage   Hz   S0		VV	0
type of voltage of the control supply voltage control supply voltage frequency 1 rated value   relative negative tolerance of the control supply voltage frequency 2 rated value   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 rated value   * at 80 Hz rated value   * at 80 Hz rated value   * relative positive tolerance of the control supply voltage at AC   • at 50 Hz rated value   * relative positive tolerance of the control supply voltage at AC   • at 50 Hz rated value   * relative negative tolerance of the control supply voltage at AC   • at 50 Hz rated value    * relative positive tolerance of the control supply voltage at AC   • at 50 Hz relative tolerance of the control supply voltage at AC   • at 50 Hz relative tolerance of the control supply voltage at AC   • at 50 Hz relative tolerance of the control supply voltage at AC   • at 50 Hz relative tolerance of the control supply voltage at AC   • at 50 Hz relative 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 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 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   • a			
Control supply voltage frequency 1 rated value Control supply voltage frequency 2 rated value Control supply voltage frequency 2 rated value Prelative negative tolerance of the control supply voltage frequency Control supply voltage 1 at AC  at 50 Hz rated value  at 50 Hz rated value  v			AC/DC
control supply voltage of the control supply voltage at AC at 50 Hz rated value of the control supply voltage foregrees of the control supply voltage at AC at 50 Hz rated value voltage foregrees of the control supply voltage at AC at 50 Hz rated value 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 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 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 working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of the control supply working at CC relative positive tolerance of th		- U	
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voltage frequency relative positive tolerance of the control supply voltage frequency control supply voltage 1 at AC  • at 50 Hz rated value  • at 60 Hz rated value  • at 60		-	
voltage frequency control supply voltage 1 at AC  • at 50 Hz rated value  • at 60 Hz rated value  • at	voltage frequency	_	
a ta 50 Hz rated value		%	10
e at 60 Hz rated value  relative negative tolerance of the control supply voltage at Ac at 50 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 at Ac at 60 Hz control supply voltage at Ac at 60 Hz control supply voltage at DC rated value relative negative 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 display version for fault signal  Mechanical data size of engine control device width mm 55 height mm 150 depth mm 170 fastening method mounting position  With vertical mounting surface 4/-10" rotatable, with vertical mounting surface 4/-10" rotatable to the front and back at the side a	control supply voltage 1 at AC		
relative negative tolerance of the control supply voltage at AC at 50 ft.  relative positive tolerance of the control supply voltage at AC at 50 ft.  relative positive tolerance of the control supply voltage at AC at 50 ft.  relative negative tolerance of the control supply voltage at AC at 60 ft.  relative negative tolerance of the control supply voltage at AC at 60 ft.  relative negative tolerance of the control supply voltage at AC at 60 ft.  relative negative tolerance of the control supply voltage at AC at 60 ft.  relative negative tolerance of the control supply voltage at AC at 60 ft.  relative negative tolerance of the control supply voltage at AC at 60 ft.  relative negative tolerance of the control supply voltage at AC at 60 ft.  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  size of engline control device  S2  width  mm 160  screw and snap-on mounting  with vertical mounting surface +/-10* rotatable, with vertical mounting surface +/-10* tiltable to the front and back  required spacing with side-by-side mounting  upwards  at the side  at the side  at the side  advanced side at the side of the front side at the side of the fr	<ul> <li>at 50 Hz rated value</li> </ul>	V	24
voltage at 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 50 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz control supply voltage 1 at DC rated value relative negative tolerance of the control supply voltage at DC relative positive tolerance volta	at 60 Hz rated value	V	24
voltage at AC at 50 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 control supply voltage 1 at DC rated value V 24 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 display version for fault signal Mcchanical data size of engine control device width mm 55 height depth mm 170 fastening method mounting position  with vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° fillable to the front and back required spacing with side-by-side mounting upwards at the side downwards mm 60 downwards mm 40 downwards wire length maximum number of poles for main current circuit for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NC contacts for box terminal using the front clamping point solid solid solid finely stranded with core end processing stranded solid sol		%	-10
voltage at AC at 60 Hz relative positive tolerance of the control supply voltage at AC at 60 Hz control supply voltage 1 at DC rated value  voltage at DC relative positive tolerance of the control supply voltage at DC relative positive tolerance of the control supply voltage at DC  display version for fault signal  Mechanical data size of engine control device width  mm 55 height mm 160 depth mm 170 fastening method mounting position  with vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° tiltable to the front and back  required spacing with side-by-side mounting  upwards at the side depth mm 30  required spacing with side-by-side mounting  upwards at the side depth mm 30  required spacing with side-by-side mounting  frequired spacing with side-by-side mounting  upwards frequired spacing with side-by-side mounting  upwards frequired spacing with side-by-side mounting  frequired spacing with side-by-side mounting  upwards frequired spacing with side-by-side mounting  frequired spacing with side-by-side mounting  upwards frequired spacing with side-by-side mounting  with vertical mounting surface +/- 10° tiltable to the front and back  frequired spacing with side-by-side mounting  frequired spacing with side-by-sid		%	10
relative positive tolerance of the control supply voltage at AC at 60 hz control supply voltage at AC at 60 hz voltage at AC at 60 hz voltage at DC relative negative 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 positive tolerance of the control supply voltage at DC relative positive positive tolerance of the control supply voltage at DC relative positive positiv	relative negative tolerance of the control supply	%	-10
control supply voltage 1 at DC rated value 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  Mechanical data size of engine control device width mm 55 height depth mm 160 mounting position  With vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° tillable 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 • stranded • finely stranded with core end processing • sloid • finely stranded with core end processing • sloid • finely stranded with core end processing	relative positive tolerance of the control supply	%	10
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 red Mochanical data size of engine control device width mm 55 mm 160 depth mm 170 screw and snap-on mounting method mounting position With vertical mounting surface +/-10* rotatable, with vertical mounting surface +/-10* flitable to the front and back mm 30 depth maximum mm 40 mm 30 depth maximum mm 40 mm		V	24
relative positive tolerance of the control supply voltage at DC  display version for fault signal  Mechanical data size of engine control device width			
voltage at DC  display version for fault signal  Mechanical data  size of engine control device  width	voltage at DC	_	
size of engine control device  width	voltage at DC	%0	
size of engine control device  width height depth mm 160 depth mm 170 fastening method mounting position  required spacing with side-by-side mounting • upwards • at the side • at the side • downwards wire length maximum number of poles for main current circuit  connections/ Terminals  type of electrical connection • for auxiliary and control circuit number of NO contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO connectable conductor cross-sections for main contacts for box terminal using the front clamping point • solid • finely stranded with core end processing			rea
width height depth mm 160  depth mm 170 fastening method mounting position  With vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° tiltable to the front and back  required spacing with side-by-side mounting  upwards at the side mm 30 downwards mm 40 wire length maximum m 300 number of poles for main current circuit  Connections/ Terminals  type of electrical connection of or main current 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 efinely stranded with core end processing	Mechanical data	_	
height depth mm 170 fastening method screw and snap-on mounting mounting position With vertical mounting surface +/- 10° totalable, with vertical mounting surface +/- 10° tiltable to the front and back  required spacing with side-by-side mounting	size of engine control device		S2
depth fastening method  mounting position  Trequired spacing with side-by-side mounting  upwards at the side depth maximum number of poles for main current circuit  of rauxillary and control circuit number of NC contacts for auxillary contacts number of OC contacts for auxillary contacts type of connectable conductor cross-sections for main contacts for box terminal using the back  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point since the side of the school of the side of the school of the schoo	width	mm	55
fastening method  mounting position  With vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° tiltable to the front and back  required spacing with side-by-side mounting  • upwards • at the side • downwards  mm  40  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 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	height	mm	160
mounting position  With vertical mounting surface +/-10° rotatable, with vertical mounting surface +/-10° tiltable to the front and back  required spacing with side-by-side mounting  upwards at the side downwards mm 40  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 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 solid finely stranded with core end processing	depth	mm	170
required spacing with side-by-side mounting  upwards at the side downwards mm do do mm do do mm do do do mm do do do mm do	fastening method		screw and snap-on mounting
upwards     at the side     downwards     mm	mounting position		vertical mounting surface +/- 10° tiltable to the front and
upwards     at the side     downwards     mm	required spacing with side-by-side mounting		
of downwards     wire length maximum		mm	60
of downwards     wire length maximum	•		
wire length maximum       m       300         number of poles for main current circuit       3         Connections/ Terminals         type of electrical connection       screw-type terminals         • for main current circuit       screw-type terminals         • for auxiliary and control circuit       spring-loaded terminals         number of NC contacts for auxiliary contacts       0         number of CO contacts for auxiliary contacts       0         type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point       2x (1.5 16 mm²)         • solid       2x (1.5 25 mm²         type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point       300         • solid       2x (1.5 16 mm²)         • solid       2x (1.5 16 mm²)         • finely stranded with core end processing       1.5 25 mm²			
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 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  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the font clamping point  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid  • solid  • solid  • finely stranded with core end processing  1.5 25 mm²		-	
type of electrical connection  • 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  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 for box terminal using the front clamping point  • solid  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid  • solid  • solid  • finely stranded with core end processing  • solid  • finely stranded with core end processing		-	
type of electrical connection  • 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  type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • solid  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid  • 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  • finely stranded with core end processing  • finely stranded with core end processing  1.5 25 mm²	·		
<ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>number of NC contacts for auxiliary contacts</li> <li>number of NO contacts for auxiliary contacts</li> <li>number of CO contacts for auxiliary contacts</li> <li>type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point</li> <li>solid</li> <li>stranded</li> <li>type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point</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>solid</li> <li>solid</li> <li>act (1.5 16 mm²)</li> <li>2x (1.5 16 mm²)</li> <li>1.5 25 mm²</li> <li>1.5 25 mm²</li> </ul>			
• 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     • finely stranded with core end processing     • stranded     1.5 35 mm²  2x (1.5 16 mm²)  1.5 35 mm²  2x (1.5 16 mm²)  1.5 25 mm²			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  • stranded  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid  • solid  • solid  • finely stranded with core end processing  1.5 25 mm²  2x (1.5 16 mm²)  1.5 25 mm²			**
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  • 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  • finely stranded with core end processing  1.5 25 mm²			
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 with core end processing  • stranded  type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid  • solid  • solid  • solid  • solid  • solid  • finely stranded with core end processing  1.5 25 mm²  2x (1.5 16 mm²)  2x (1.5 16 mm²)  1.5 25 mm²			
type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point  • solid  • solid  • 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  • solid  • solid  • solid  • finely stranded with core end processing  1.5 25 mm²  2x (1.5 16 mm²)  2x (1.5 16 mm²)  1.5 25 mm²			
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  • solid  • solid  • finely stranded with core end processing  1.5 25 mm²  2x (1.5 35 mm²  2x (1.5 16 mm²)  1.5 25 mm²			U
<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>1.5 25 mm²</li> <li>2x (1.5 16 mm²)</li> <li>1.5 25 mm²</li> </ul>	main contacts for box terminal using the front		
● 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  1.5 35 mm²  2x (1.5 16 mm²)  1.5 25 mm²	• solid		2x (1.5 16 mm²)
type of connectable conductor cross-sections for main contacts for box terminal using the back clamping point  • solid  • finely stranded with core end processing  2x (1.5 16 mm²)  1.5 25 mm²			
• finely stranded with core end processing  1.5 25 mm²	type of connectable conductor cross-sections for main contacts for box terminal using the back		
3	• solid		2x (1.5 16 mm²)
	<ul> <li>finely stranded with core end processing</li> </ul>		1.5 25 mm²
	• stranded		1.5 35 mm²
type of connectable conductor cross-sections for	type of connectable conductor cross-sections for		

main contacts for box terminal using both clamping points			
• solid		2x (1.5 16 mm²)	
finely stranded with core end processing		2x (1.5 16 mm²)	
• stranded		2x (1.5 25 mm²)	
type of connectable conductor cross-sections at AWG cables for main contacts for box terminal			
<ul> <li>using the back clamping point</li> </ul>		16 2	
<ul> <li>using the front clamping point</li> </ul>		18 2	
<ul> <li>using both clamping points</li> </ul>		2x (16 2)	
type of connectable conductor cross-sections for auxiliary contacts			
• solid		2x (0.25 2.5 mm²)	
<ul> <li>finely stranded with core end processing</li> </ul>		2x (0.25 1.5 mm²)	
type of connectable conductor cross-sections at AWG cables			
<ul> <li>for auxiliary contacts</li> </ul>		2x (24 14)	
mbient conditions			
installation altitude at height above sea level	m	5 000	
environmental category			
<ul> <li>during transport acc. to IEC 60721</li> </ul>		2K2, 2C1, 2S1, 2M2 (max. fall height	0.3 m)
• during storage acc. to IEC 60721		1K6 (only occasional condensation), 1S2 (sand must not get inside the de	
• during operation acc. to IEC 60721		3K6 (no formation of ice, no condense mist), 3S2 (sand must not get into the	//
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 acc. to IEC 60529		IP20	
touch protection on the front acc. to IEC 60529		finger-safe, for vertical contact from the	ne front
ertificates/ approvals			
			Declaration of



**General Product Approval** 











Conformity

Test Certificates		other		Railway	
Type Test Certific- Sp	ecial Test Certific-	Confirmation	<u>Miscellaneous</u>	Vibration and Shock	Confirmation

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	15
• at 460/480 V		
<ul> <li>at standard circuit at 50 °C rated value</li> </ul>	hp	30
contact rating of auxiliary contacts according to UL		B300 / R300
Further information		

Simulation Tool for Soft Starters (STS)
<a href="https://support.industry.siemens.com/cs/ww/en/view/101494917">https://support.industry.siemens.com/cs/ww/en/view/101494917</a>

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

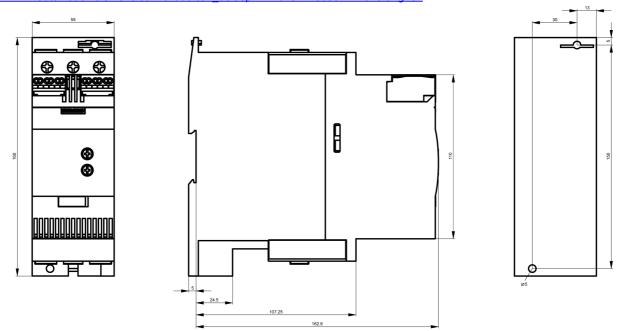
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW3036-2BB04

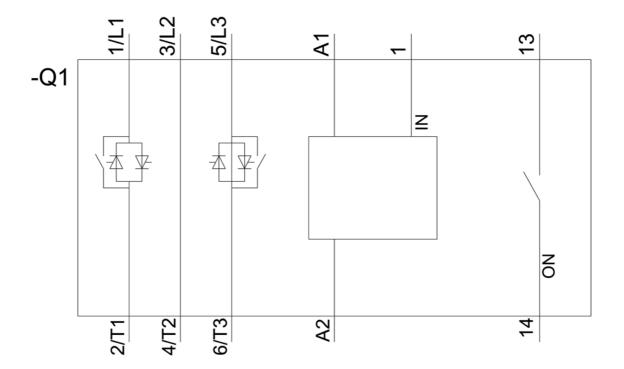
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW3036-2BB04

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) <a href="https://support.industry.siemens.com/cs/ww/en/ps/3RW3036-2BB04">https://support.industry.siemens.com/cs/ww/en/ps/3RW3036-2BB04</a>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW3036-2BB04&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW3036-2BB04&lang=en</a>





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