SIEMENS

Product data sheet 3RW3036-2BB14



SIRIUS SOFT STARTER, SIZE S2, 45A, 22KW/400V, 40 DEGREES, 200-480V AC, 110-230V AC/DC, SPRING-LOADED TERMINALS

General details:		
Product brand name		SIRIUS
Product equipment		
integrated bridging contact system		Yes
• thyristors		Yes
Product function		
intrinsic device protection		No
motor overload protection		No
 evaluation of thermal resistor motor protection 		No
• reset external		No
adjustable current limitation		No
• inside-delta circuit		No
Product component / outlet for enine brake		No
Item designation		
according to DIN EN 61346-2		Q
 according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		G

Operating current

Power Electronics: product designation

soft starters for standard applications

Α	45
Α	42
Α	39
W	11,000
W	22,000
hp	10
Hz	50 60
%	-10
%	10
V	200 480
%	-15
%	10
%	10
%	115
W	6
	A A A W W hp

Control electronics:		
Type of voltage / of the controlled supply voltage		AC/DC
Control supply voltage frequency / 1 / rated value	Hz	50
Control supply voltage frequency / 2 / rated value	Hz	60
Relative negative tolerance / of the control supply voltage frequency	%	-10
Relative positive tolerance / of the control supply voltage frequency	%	10
Control supply voltage / 1 / at 50 Hz / for AC	V	110 230
Control supply voltage / 1 / at 60 Hz / for AC	V	110 230
Relative negative tolerance / of the control supply voltage / at 60 Hz / for AC	%	-10
Relative positive tolerance / of the control supply voltage / at 60 Hz / for AC	%	10
Control supply voltage / 1 / for DC	V	110 230
Relative negative tolerance / of the control supply voltage / for DC	%	-10

Relative positive tolerance / of the control supply voltage / for DC	%	10
Type of display / for fault signal		red

Mechanical design:		
Size of the engine control device		S2
Width	mm	55
Height	mm	160
Depth	mm	170
Type of mounting		screw and snap-on mounting
Built in orientation		With vertical mounting surface +/-10° rotatable, with vertical mounting surface +/- 10° tiltable to the front and back
Distance, to be maintained, to the ranks assembly		
• upwards	mm	60
• sidewards	mm	30
• downwards	mm	40
Altitude of installation site / at a height over sea level	m	5,000
Cable length / maximum	m	300
Number of poles / for main current circuit		3

Electrical connections:	
Design of the electrical connection	
for main current circuit	screw-type terminals
for auxiliary and control current circuit	spring-loaded terminals
Number of NC contacts / for auxiliary contacts	0
Number of NO contacts / for auxiliary contacts	1
Number of change-over switches / for auxiliary contacts	0
Type of the connectable conductor cross section / for main contacts / for box terminal / when using the front clamping point	
• solid	2x (1.5 16 mm²)
finely stranded / with conductor end processing	0.75 25 mm²
• stranded	0.75 35 mm²
Type of the connectable conductor cross-section / for main contacts / for box terminal / when using the back clamping point	
• solid	2x (1.5 16 mm²)
finely stranded / with conductor end processing	1.5 25 mm²
• stranded	1.5 35 mm²
Type of the connectable conductor cross-section / for main contacts / for box terminal / when using both clamping points	
• solid	2x (1.5 16 mm²)
finely stranded / with conductor end processing	2x (1.5 16 mm²)

• stranded	2x (1.5 25 mm²)
Type of the connectable conductor cross-section / for AWG conductors / for main contacts / for box terminal	
when using the back cl amping point	16 2
when using the front c lamping point	18 2
when using both clampi ng points	2x (16 2)
Type of the connectable conductor cross-section	
for auxiliary contacts	
• solid	2x (0.25 2.5 mm²)
• finely stranded / with conductor end processing	2x (0.25 1.5 mm²)
for AWG conductors / for auxiliary contacts	2x (24 14)

Ambient conditions:		
Ambient temperature		
during operating	°C	-25 60
during storage	°C	-40 80
Derating temperature	°C	40
Protection class IP		IP00

Certificates/approvals:

General Product Approval

(JP

ROSTEST



Test Certificates

Manufacturer

Shipping Approval

other



CQC



GL

Manufacturer

UL/CSA ratings yielded mechanical performance (hp) / for three-phase squirrel cage motors

• at 220/230 V / at standard circuit

• at 50 °C / rated v alue

• at 460/480 V / at standard circuit

• at 50 °C / rated v alue

hp 15

hp 30

Further information:

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

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

http://www.siemens.com/industrial-controls/mall

CAx-Online-Generator

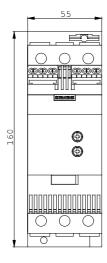
http://www.siemens.com/cax

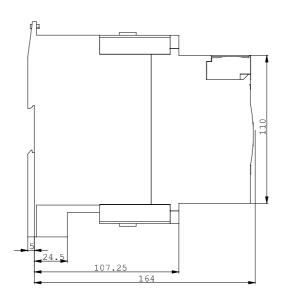
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

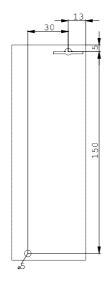
http://support.automation.siemens.com/WW/view/en/3RW3036-2BB14/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RW3036-2BB14







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