MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

3RW3024-1AB14

SIRIUS S0 12.5 A SOFT STARTER

Used with the applicable SIRIUS 3RW30 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens product data sheet 3RW3024-1AB14, rated, connection and ambient specifications.

SIEMENS

Product data sheet 3RW3024-1AB14


Abb. ähnlich / similar picture

SIRIUS CUSHIONED STARTER, SIZE S0,
12,5A, 5.5 KW / 400 V, AC 200...460 V,
UC 110...230 V, SCREW CONNECTION

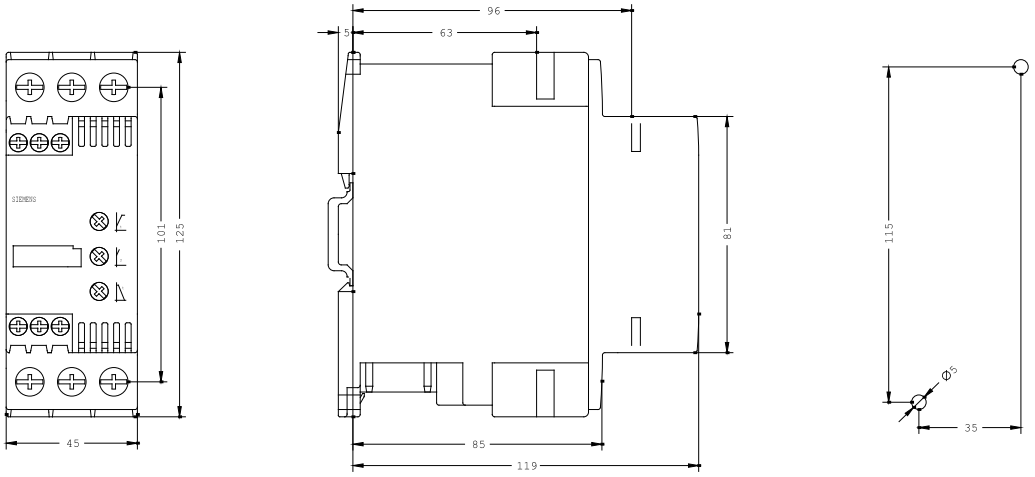
Power Electronics:	
Product designation	soft starters for standard applications
Operating current	
• at 40 °C / rated value	12.5 A
• at 50 °C / rated value	11 A
• at 60 °C / rated value	9 A
Emitted mechanical power / for three-phase servomotors	
• at 230 V / at standard switching / at 40 °C	
• rated value	3000 W
• at 400 V / at standard switching / at 40 °C	
• rated value	5500 W
Yielded mechanical performance (hp) / for three-phase servomotors	
• at 200 V / at standard switching	
• at 50 °C / rated value	3 hp
• at 230 V / at standard switching	
• at 50 °C / rated value	3 hp
• at 460 V / at standard switching	
• at 50 °C / rated value	7.5 hp

subject to modifications
© Copyright Siemens AG 2008

Operating voltage	
• rated value	
• minimum	200 V
• maximum	460 V
Operating frequency	
• rated value	
• minimum	50 Hz
• maximum	60 Hz
Control electronics:	
Control supply voltage	
• at 50 Hz / for AC / rated value	
• minimum	110 V
• maximum	230 V
• at 60 Hz / for AC / rated value	
• minimum	110 V
• maximum	230 V
• for DC / rated value	
• minimum	110 V
• maximum	230 V
Supply voltage frequency / for auxiliary and control current circuit / rated value	
• minimum	50 Hz
• maximum	60 Hz
Type of voltage	AC/DC
Mechanical design:	
Size of the engine control device	S0
Width	45 mm
Height	125 mm
Depth	124 mm
Number of poles	3
Type of fixing/fixation	screw and snap-on mounting
Electrical connections:	
Design of the electrical connection	
• for main current circuit	screw-type terminals

subject to modifications
© Copyright Siemens AG 2008

• for auxiliary and control current circuit	screw-type terminals
Number of NC contacts	0
Number of NO contacts	2
Number of change-over switches	0
Ambient conditions:	
Ambient temperature	-25 °C
Ambient temperature	60 °C
Protection class IP	IP20
General details:	
Equipment identification	Q
Equipment identification	G



last change: 10/31/2006

subject to modifications
© Copyright Siemens AG 2008

Technical Assistance:	Telephone:	+49 (0) 911-895-5900 (8°° - 17°° CET)
	Fax:	+49 (0) 911-895-5907
	E-Mail:	technical-assistance@siemens.com
	Internet:	www.siemens.de/lowvoltage/technical-assistance

subject to modifications
© Copyright Siemens AG 2008