SIEMENS

Product data sheet 3RW3035-1AB14

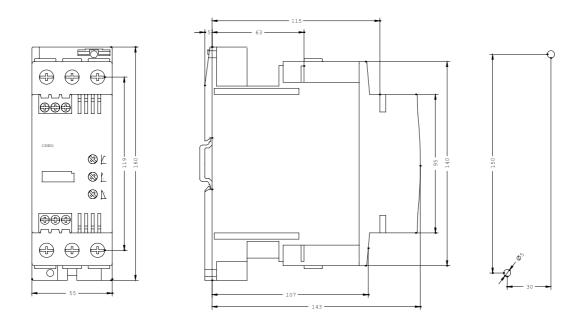


SIRIUS CUSHIONED STARTER, SIZE S2, 38 A, 18.5 KW / 400 V, AC 200...460 V, UC 110...230 V, SCREW CONNECTION

Power Electronics:	
Product designation	soft starters for standard applications
Operating current	
• at 40 °C / rated value	38 A
• at 50 °C / rated value	32 A
at 60 °C / rated value	27 A
Emitted mechanical power / for three-phase servomotors	
 at 230 V / at standard switching / at 40 °C 	
• rated value	11000 W
 at 400 V / at standard switching / at 40 °C 	
• rated value	18500 W
Yielded mechanical performance (hp) / for three-phase servomotors	
 at 200 V / at standard switching 	
• at 50 °C / rated value	10 hp
 at 230 V / at standard switching 	
• at 50 °C / rated value	10 hp
 at 460 V / at standard switching 	
• at 50 °C / rated value	25 hp

rated value minimum maximum 200 V maximum 460 V Operating frequency maximum 50 Hz minimum 50 Hz 60 Hz Control supply voltage at 50 Hz / for AC / rated value minimum maximum 110 V maximum 50 Hz / for AC / rated value minimum maximum 50 Hz / for AC / rated value minimum maximum 50 Hz Supply voltage frequency / for auxiliary and control current circuit / rated value minimum maximum 50 Hz Mechanical design: Size of the engine control device S2 Width 55 mm Height 160 mm Depth Number of poles 3 Type of fixing/fixation screw and snap-on mounting Electrical connections: Electrical connections: Design of the electrical connection for main current circuit screw-type terminals	Operating voltage	
• minimum 200 V • maximum 460 V Operating frequency • rated value • minimum 50 Hz • maximum 60 Hz Control supply voltage • at 50 Hz / for AC / rated value • minimum • minimum 110 V • maximum 230 V • for DC / rated value • minimum • minimum 110 V • maximum 230 V • for DC / rated value • minimum • minimum 110 V • maximum 230 V Supply voltage frequency / for auxiliary and control current circuit / rated value • minimum • maximum 50 Hz • maximum 60 Hz Type of voltage AC/DC Mechanical design: Size of the engine control device \$2 Width 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation screw and snap-on mounting Electrical connections:		
• 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 • minimum 110 V • maximum 230 V • for DC / rated value • minimum • minimum 110 V • maximum 230 V Supply voltage frequency / for auxiliary and control current circuit / rated value • minimum • maximum 50 Hz • maximum 60 Hz Type of voltage AC/DC Mechanical design: Size of the engine control device \$2 Width 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation screw and snap-on mounting Electrical connections:		200 V
Operating frequency		
rated value minimum		460 V
• minimum 50 Hz • maximum 60 Hz Control electronics: Control supply voltage • at 50 Hz / for AC / rated value ————————————————————————————————————		
* maximum * Control electronics: Control supply voltage * at 50 Hz / for AC / rated value * minimum * maximum * at 60 Hz / for AC / rated value * minimum * maximum * at 60 Hz / for AC / rated value * minimum * maximum * at 60 Hz / for AC / rated value * minimum * maximum * 230 V * for DC / rated value * minimum * maximum * maximum * 230 V Supply voltage frequency / for auxiliary and control current circuit / rated value * minimum * minimum * maximum * 60 Hz Type of voltage Mechanical design: Size of the engine control device * S2 Width * 55 mm Height * 160 mm Depth * 148 mm Number of poles * 3 Type of fixing/fixation * screw and snap-on mounting Electrical connections: Design of the electrical connection **Torontonics** **Toron		50.11
Control supply voltage • at 50 Hz / for AC / rated value • minimum • maximum • at 60 Hz / for AC / rated value • minimum • maximum 110 V • at 60 Hz / for AC / rated value • minimum • maximum 230 V • for DC / rated value • minimum • maximum 110 V • maximum 230 V • for DC / rated value • minimum • maximum 50 Hz • minimum • maximum 50 Hz Type of voltage AC/DC Mechanical design: Size of the engine control device S2 Width 55 mm Height 160 mm Depth Number of poles 3 Type of fixing/fixation screw and snap-on mounting Electrical connections: Design of the electrical connection		
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• for DC / rated value • minimum • maximum 230 V Supply voltage frequency / for auxiliary and control current circuit / rated value • minimum • maximum 50 Hz • maximum 60 Hz Type of voltage AC/DC Mechanical design: Size of the engine control device \$2 Width 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation Electrical connections: Design of the electrical connection	• minimum	
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• maximum Supply voltage frequency / for auxiliary and control current circuit / rated value • minimum • maximum 50 Hz for auxiliary and control current circuit / rated value • minimum 50 Hz 60 Hz Type of voltage AC/DC Mechanical design: Size of the engine control device S2 Width 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation Screw and snap-on mounting Electrical connections: Design of the electrical connection	for DC / rated value	
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current circuit / rated value • minimum • maximum 50 Hz 7ype of voltage AC/DC Mechanical design: Size of the engine control device Vidth 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation Electrical connections: Design of the electrical connection	• maximum	230 V
• maximum 60 Hz Type of voltage AC/DC Mechanical design: Size of the engine control device S2 Width 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation screw and snap-on mounting Electrical connections: Design of the electrical connection		
Type of voltage Mechanical design: Size of the engine control device S2 Width 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation Electrical connections: Design of the electrical connection	• minimum	50 Hz
Mechanical design: Size of the engine control device Width 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation Electrical connections: Design of the electrical connection	• maximum	60 Hz
Size of the engine control device S2 Width 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation Electrical connections: Design of the electrical connection	Type of voltage	AC/DC
Width 55 mm Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation screw and snap-on mounting Electrical connections: Design of the electrical connection	Mechanical design:	
Height 160 mm Depth 148 mm Number of poles 3 Type of fixing/fixation screw and snap-on mounting Electrical connections: Design of the electrical connection	Size of the engine control device	S2
Depth 148 mm Number of poles 3 Type of fixing/fixation screw and snap-on mounting Electrical connections: Design of the electrical connection	Width	55 mm
Number of poles 3 Type of fixing/fixation screw and snap-on mounting Electrical connections: Design of the electrical connection	Height	160 mm
Type of fixing/fixation screw and snap-on mounting Electrical connections: Design of the electrical connection	Depth	148 mm
Electrical connections: Design of the electrical connection	Number of poles	3
Design of the electrical connection	Type of fixing/fixation	screw and snap-on mounting
	Electrical connections:	
• for main current circuit screw-type terminals	Design of the electrical connection	
	• for main current circuit	screw-type terminals

 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

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