

SIRIUS soft starter S0 25 A, 11 kW/400 V, 40 °C 200-480 V AC, 110-230 V AC/DC Screw terminals



General technical data

Product brand name		SIRIUS
Product feature		
<ul style="list-style-type: none"> • integrated bypass contact system 		Yes
<ul style="list-style-type: none"> • Thyristors 		Yes
Product function		
<ul style="list-style-type: none"> • Intrinsic device protection 		No
<ul style="list-style-type: none"> • motor overload protection 		No
<ul style="list-style-type: none"> • Evaluation of thermistor motor protection 		No
<ul style="list-style-type: none"> • External reset 		No
<ul style="list-style-type: none"> • Adjustable current limitation 		No
<ul style="list-style-type: none"> • inside-delta circuit 		No
Product component Motor brake output		No
Reference identifier acc. to DIN EN 61346-2		Q
Reference identifier acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		G

Power Electronics

Product designation		Soft starter
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Operating current		
• at 40 °C rated value	A	25
• at 50 °C rated value	A	23
• at 60 °C rated value	A	21
Mechanical power output for three-phase motors		
• at 230 V		
— at standard circuit at 40 °C rated value	W	5 500
• at 400 V		
— at standard circuit at 40 °C rated value	W	11 000
Yielded mechanical performance [hp] for three-phase AC motor at 200/208 V at standard circuit at 50 °C rated value	hp	5
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 I_e] at 40 °C	%	115
Power loss [W] at operating current at 40 °C during operation typical	W	8

Control electronics

Type of voltage of the control 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 AC at 50 Hz	V	110 ... 230
Control supply voltage 1 at AC at 60 Hz	V	110 ... 230
Relative negative tolerance of the control supply voltage at AC at 60 Hz	%	-15
Relative positive tolerance of the control supply voltage at AC at 60 Hz	%	10
Control supply voltage 1 at DC	V	110 ... 230
Relative negative tolerance of the control supply voltage at DC	%	-15
Relative positive tolerance of the control supply voltage at DC	%	10