




Switching devices – Soft starters and solid-state switching devices

Solid-state switching devices for resistive/inductive loads

Solid-state contactors

SIRIUS 3RF23 solid-state contactors, 1-phase

Type current/ performance capacity ¹⁾ I_{max}	Rated control supply voltage U_s	SD	Screw terminals ⊕	PU (UNIT, SET, M)	PS*	PG
A	V	d	Article No.	Price per PU		
Zero-point switching · Integrated heat sink, rated operational voltage U_e 48 ... 600 V AC						
20	110 DC	X	3RF2320-1AA65		1	1 unit 41C
30	110 ... 230 AC	5	3RF2330-1AA25		1	1 unit 41C
10.5	4 ... 30 DC	5	3RF2310-1AA45		1	1 unit 41C
20		2	3RF2320-1AA45		1	1 unit 41C
30		2	3RF2330-1AA45		1	1 unit 41C
40		2	3RF2340-1AA45		1	1 unit 41C
50		2	3RF2350-1AA45		1	1 unit 41C
Zero-point switching · Integrated heat sink, blocking voltage 1 600 V, rated operational voltage U_e 48 ... 600 V AC						
	10.5	24 DC	5	3RF2310-1AA06	1	1 unit 41C
	20		2	3RF2320-1AA06	1	1 unit 41C
	30		2	3RF2330-1AA06	1	1 unit 41C
	40		5	3RF2340-1AA06	1	1 unit 41C
	50		5	3RF2350-1AA06	1	1 unit 41C
	10.5	110 ... 230 AC	5	3RF2310-1AA26	1	1 unit 41C
	20		5	3RF2320-1AA26	1	1 unit 41C
	30		5	3RF2330-1AA26	1	1 unit 41C
	40		5	3RF2340-1AA26	1	1 unit 41C
	50		5	3RF2350-1AA26	1	1 unit 41C
Low noise²⁾, zero-point switching · Integrated heat sink, rated operational voltage U_e 24 ... 230 V AC						
	20	24 DC	5	3RF2320-1CA02	1	1 unit 41C
	30		5	3RF2330-1CA02	1	1 unit 41C
	20	110 ... 230 AC	5	3RF2320-1CA22	1	1 unit 41C
Low noise²⁾, zero-point switching · Integrated heat sink, rated operational voltage U_e 48 ... 460 V AC						
20	24 DC	5	3RF2320-1CA04	1	1 unit 41C	
20	110 ... 230 AC	5	3RF2320-1CA24	1	1 unit 41C	
20	4 ... 30 DC	2	3RF2320-1CA44	1	1 unit 41C	
Short-circuit-proof with B MCB · Zero-point switching · Integrated heat sink, rated operational voltage U_e 24 ... 230 V AC						
20	24 DC	2	3RF2320-1DA02	1	1 unit 41C	
20	110 ... 230 AC	5	3RF2320-1DA22	1	1 unit 41C	
Short-circuit-proof with B MCB · Zero-point switching · Integrated heat sink, rated operational voltage U_e 48 ... 460 V AC						
	20	24 DC	2	3RF2320-1DA04	1	1 unit 41C
	20	110 ... 230 AC	5	3RF2320-1DA24	1	1 unit 41C
	20	4 ... 30 DC	2	3RF2320-1DA44	1	1 unit 41C
	30		2	3RF2330-1DA44	1	1 unit 41C
	30	24 DC	5	3RF2330-1DA06	1	1 unit 41C
	30	24 DC	X	3RF2330-2DA64	1	1 unit 41C

¹⁾ The type current provides information about the performance of the solid-state contactor. The actual permitted rated operational current I_e can be smaller depending on the installation conditions.
For derating characteristic curves, see page 6/118, "More information".

²⁾ See page 6/133.

Other rated control supply voltages on request.

For accessories, see page 6/143.