

Overview



Type	3RB30		3RB31	
SIRIUS overload relays up to 40 A				
Applications				
• System protection	✓ ¹⁾		✓ ¹⁾	
• Motor protection	✓		✓	
• Alternating current, three-phase	✓		✓	
• Alternating current, single-phase	--		--	
• Direct current	--		--	
Size of contactor	S00, S0		S00, S0	
Rated operational current I_e				
• Size S00	A	Up to 16	Up to 16	
• Size S0	A	Up to 40	Up to 40	
Rated operational voltage U_e	V	690 AC	690 AC	
Rated frequency	Hz	50/60	50/60	
Trip class		CLASS 10, 20	CLASS 5, 10, 20, 30 adjustable	
Thermal overload releases	A A	--	--	
Electronic overload releases	A A	0.1 ... 0.4 to 10 ... 40	0.1 ... 0.4 to 10 ... 40	
Rating for three-phase motor at 400 V AC	kW	0.04 ... 18.5	0.04 ... 18.5	
Accessories				
For sizes	S00	S0	S00	S0
Terminal supports for stand-alone assembly	✓	✓	✓	✓
Mechanical RESET	✓	✓	✓	✓
Cable releases for RESET	✓	✓	✓	✓
Electrical remote RESET	--	--	Integrated in the unit	
Terminal covers for ring terminal lug connections	--	--	--	--
Sealable covers for setting knobs	✓	✓	✓	✓

✓ Has this function or can use this accessory
-- Does not have this function or cannot use this accessory

¹⁾ The units are responsible in the main circuit for overload protection of the assigned electrical loads (e.g. motors), feeder cable, and other switching and protection devices in the respective load feeder.
²⁾ Terminal covers for ensuring finger-safe touch protection are available for 3RU21 overload relays with ring terminal lug connections for mounting onto contactors.