

Main Circuit Terminals IP10	
Pollution Degree	3
Electrical Durability	50000 cycle
Mechanical Durability	100000 cycle
Terminal Type	Screw Terminals
Connecting Capacity Main Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible 1/2x 0.75 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ²
Tightening Torque	Main Circuit 0.8 ... 1.2 N·m
Wire Stripping Length	Main Circuit 9 mm
Recommended Screw Driver	Pozidriv 2
Mounting Position	Position 1 to 6
Mounting on DIN Rail	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Minimum Mounting Distance	Electrical Conductive Board, Horizontal - Up to 400 V 0 mm Electrical Conductive Board, Horizontal - Up to 690 V 1.5 mm Electrical Conductive Board, Vertical 75 mm Other Device Same Type, Horizontal 0 mm Other Device Same Type, Vertical 150 mm
Actuator Type	Rotary Handle
Contact Position Indication	ON / OFF / TRIP
Standards	IEC/EN 60947-1 IEC/EN 60947-2 IEC/EN 60947-4-1 UL 60947-1 UL 60947-4-1
Remarks	UL508 Self-Protected Combination Motor Controller (Type E) in combination with feeder block S1-M3-xx

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	Manual Self-Protected Combination Controllers (Type E), (480Y / 277 V AC)	65 kA
	Manual Self-Protected Combination Controllers (Type E), (600Y / 347 V AC)	47 kA
	Any UL Listed Fuses or Circuit-Breakers, Group Installations (480 V AC)	65 kA
	Any UL Listed Fuses or Circuit-Breakers, Group Installations (600 V AC)	47 kA
	Any UL Listed Fuses or Circuit-Breakers, Motor Disconnect (480 V AC)	65 kA
	Any UL Listed Fuses or Circuit-Breakers, Motor Disconnect (600 V AC)	47 kA
	Any UL Listed Fuses or Circuit-Breakers, Tap Conductor Protection in Group Installations (480Y / 277 V AC)	65 kA
Any UL Listed Fuses or Circuit-Breakers, Tap Conductor Protection in Group Installations (600Y / 347 V AC)	47 kA	
Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC	
Ampere Rating UL/CSA	2.5 A	
Horsepower Rating UL/CSA	(200 V AC) Three Phase 0.5 Hp (208 V AC) Three Phase 0.5 Hp (220 ... 240 V AC) Three Phase 0.5 Hp (440 ... 480 V AC) Three Phase 1 Hp (550 ... 600 V AC) Three Phase 1.5 Hp	
Full Load Amps Motor Use	(200 V AC) Three Phase 2.5 A (208 V AC) Three Phase 2.5 A (220 ... 240 V AC) Three Phase 2.5 A (440 ... 480 V AC) Three Phase 2.5 A (550 ... 600 V AC) Three Phase 2.5 A	
Locked Rotor Amps	(200 V AC) Three Phase 15 A (208 V AC) Three Phase 15 A (220 ... 240 V AC) Three Phase 15 A (440 ... 480 V AC) Three Phase 15 A	

	(550 ... 600 V AC) Three Phase 15 A
General Use Rating UL/CSA	(600 V AC) 2.5 A
Connecting Capacity Main Circuit UL/CSA	Flexible 1/2x 16-12 AWG Stranded 1/2x 16-12 AWG
Tightening Torque UL/CSA	Main Circuit 10 ... 12 in-lb

Environmental

Ambient Air Temperature	Around the Enclosure 0 ... +40 °C Operation -25 ... +70 °C Operation Compensated -25 ... +60 °C Storage -50 ... +80 °C
Ambient Air Temperature Compensation	Yes
Maximum Operating Altitude Permissible	2000 m
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 25g
Resistance to Vibrations acc. to IEC 60068-2-6	5g / 3 ... 150 Hz
RoHS Status	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

ABS Certificate	1SAA963001-0101
ATEX Certificate	1SAA963000-3902
BV Certificate	1SAA963001-0202
CB Certificate	1SAA963002-2002
CQC Certificate	CQC2010010307387700 CQC2019010307243864
cUL Certificate	cUL_E137861 cUL_E345003
cULus Certificate	cUL_E137861
Cut-off Current Characteristic	1SAM300508F0001 1SAM300508F0003
Declaration of Conformity - CCC	2020980307003526 2020980307003041
Declaration of Conformity - CE	1SAD938516-0125
DNV GL Certificate	1SAA963001-0304
EAC Certificate	1SAA963000-2701
Environmental Information	1SAC200049H0009
GOST Certificate	1SAA963001-2702
I ² t Characteristic	1SAM300507F0001 1SAM300507F0003
Instructions and Manuals	2CDC131022M6802
Instructions and Manuals (Part 2)	2CDC131060M0202
KC Certificate	1SAA963002-1502
LR Certificate	1SAA963001-0502
RINA Certificate	1SAA963002-0802
RMRS Certificate	1SAA918000-0704
RoHS Information	1SAD938511-0125
Time-Current Characteristic Curve	1SAM300505F0107
UL Certificate	UL_E137861 UL_E345003