



SM1P...



SM1R...



SM2R5000



SM3R...

SM series - Motor protection circuit breakers

(Type 2 co-ordination with contactors – see Annex 3)

- Thermal and magnetic protection
- Differential single-phase protection (phase failure sensitive)
- High fault level (type 2 coordination with contactors)
- Temperature compensation
- Trip-test facility
- Snap-on auxiliary contacts, shunt trip and undervolt release
- Rated insulation voltage Ui 690V



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type	motor rating		thermal trip adj.range (A)	description	short circuit capacity Icu 400V
	230V (kW)	400V (kW)			

Motor protection circuit breakers

SM1P series Icu 100 to 10kA (H) 90 x (W) 45 x (D) 75 mm (inc. buttons)

- Pushbutton control - padlockable in OFF position

SM1P0016	–	–	0.1 - 0.16A	manual motor starter	100kA
SM1P0025	–	–	0.16 - 0.25A	manual motor starter	100kA
SM1P0040	–	–	0.25 - 0.4A	manual motor starter	100kA
SM1P0063	–	0.18	0.40 - 0.63A	manual motor starter	100kA
SM1P0100	0.12	0.25	0.63 - 1A	manual motor starter	100kA
SM1P0160	0.25	0.37/1.55	1 - 1.6A	manual motor starter	100kA
SM1P0250	0.37	0.75	1.6 - 2.5A	manual motor starter	100kA
SM1P0400	0.55/1.75	1.1/1.5	2.5 - 4A	manual motor starter	100kA
SM1P0650	1.1/1.5	2.2	4 - 6.5A	manual motor starter	100kA
SM1P1000	1.5/2.2	4.0	6.3 - 10A	manual motor starter	100kA
SM1P1400	3.0	5.5	9 - 14A	manual motor starter	25kA
SM1P1800	4.0	7.5	13 - 18A	manual motor starter	25kA
SM1P2500	5.5	11.0	20 - 25A	manual motor starter	15kA
SM1P3200	7.5	15.0	24 - 32A	manual motor starter	10kA
SM1P4000	11	18.5	30 - 40A	manual motor starter	10kA

SM1R series Icu 100 to 20kA (H) 90 x (W) 45 x (D) 91 mm (inc. knob)

- Rotary selector control - padlockable in OFF position
- Thermal and magnetic trip indication - (by knob position)

SM1R0016	–	–	0.1 - 0.16A	manual motor starter	100kA
SM1R0025	–	–	0.16 - 0.25A	manual motor starter	100kA
SM1R0040	–	–	0.25 - 0.4A	manual motor starter	100kA
SM1R0063	–	0.18	0.40 - 0.63A	manual motor starter	100kA
SM1R0100	0.12	0.25	0.63 - 1A	manual motor starter	100kA
SM1R0160	0.25	0.37/1.55	1 - 1.6A	manual motor starter	100kA
SM1R0250	0.37	0.75	1.6 - 2.5A	manual motor starter	100kA
SM1R0400	0.55/1.75	1.1/1.5	2.5 - 4A	manual motor starter	100kA
SM1R0650	1.1/1.5	2.2	4 - 6.5A	manual motor starter	100kA
SM1R1000	1.5/2.2	4.0	6.3 - 10A	manual motor starter	100kA
SM1R1400	3.0	5.5	9 - 14A	manual motor starter	100kA
SM1R1800	4.0	7.5	13 - 18A	manual motor starter	100kA
SM1R2500	5.5	11.0	20 - 25A	manual motor starter	50kA
SM1R3200	7.5	15.0	24 - 32A	manual motor starter	50kA
SM1R4000	11	18.5	30 - 40A	manual motor starter	20kA

SM2R series Icu 50kA (H) 140 x (W) 55 x (D) 145 mm (inc. knob)

- Rotary selector control - padlockable in OFF position

SM2R5000	15.0	22.0	40 - 50A	manual motor starter	50kA
SM2R6300	18.5	30.0	45 - 63A	manual motor starter	50kA

SM3R series Icu 50kA (H) 165 x (W) 70 x (D) 165 mm (inc. knob)

- Rotary selector control - padlockable in OFF position
- Thermal and magnetic trip indication - (by knob position)

SM3R7500	22.0	37.5	55 - 75A	manual motor starter	50kA
SM3R9000	25.0	45.0	70 - 90A	manual motor starter	50kA
SM3R9900	30.0	55.0	80 - 100A	manual motor starter	50kA