

new



SM1P...



SM1R...



SM2R5000



SM3R...

**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 co-ordination with contactors)
- Temperature compensation
- Trip-test facility/indication of trip condition overload (or) short circuit (SM1/2/3R)
- Snap-on auxiliary contacts, shunt trip and undervolt release
- Rated insulation voltage Ui 690V

type	thermal trip adj.range (A)	motor rating 230V 400/415V (kW) (kW)		description	short circuit capacity Icu 400V
<b>SM1P series</b> 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	0.40 - 0.63A	–	0.18	manual motor starter	100kA
SM1P0100	0.63 - 1A	–	0.120.25	manual motor starter	100kA
SM1P0160	1 - 1.6A	0.25	0.37/1.55	manual motor starter	100kA
SM1P0250	1.6 - 2.5A	0.37	0.75	manual motor starter	100kA
SM1P0400	2.5 - 4A	0.55/1.75	1.1/1.5	manual motor starter	100kA
SM1P0650	4 - 6.5A	1.1/1.5	2.2	manual motor starter	100kA
SM1P1000	6.3 - 10A	1.5/2.2	4.0	manual motor starter	100kA
SM1P1400	9 - 14A	3.0	5.5	manual motor starter	25kA
SM1P1800	13 - 18A	4.0	7.5	manual motor starter	25kA
SM1P2500	20 - 25A	5.5	11.0	manual motor starter	15kA
SM1P3200	24 - 32A	7.5	15.0	manual motor starter	10kA
SM1P4000	30 - 40A	11	18.5	manual motor starter	10kA
<b>SM1R series</b> 100 to 20kA (H) 90 x (W) 45 x (D) 91mm (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	0.40 - 0.63A	–	0.18	manual motor starter	100kA
SM1R0100	0.63 - 1A	0.12	0.25	manual motor starter	100kA
SM1R0160	1 - 1.6A	0.25	0.37/1.55	manual motor starter	100kA
SM1R0250	1.6 - 2.5A	0.37	0.75	manual motor starter	100kA
SM1R0400	2.5 - 4A	0.55/1.75	1.1/1.5	manual motor starter	100kA
SM1R0650	4 - 6.5A	1.1/1.5	2.2	manual motor starter	100kA
SM1R1000	6.3 - 10A	1.5/2.2	4.0	manual motor starter	100kA
SM1R1400	9 - 14A	3.0	5.5	manual motor starter	100kA
SM1R1800	13 - 18A	4.0	7.5	manual motor starter	100kA
SM1R2500	20 - 25A	5.5	11.0	manual motor starter	50kA
SM1R3200	24 - 32A	7.5	15.0	manual motor starter	50kA
SM1R4000	30 - 40A	11	18.5	manual motor starter	20kA
<b>SM2R series</b> Icu 50kA (H) 140 x (W) 55 x (D) 145 mm (inc. knob)					
• Rotary selector control - padlockable in off position					
• Thermal and magnetic trip indication - (by knob position)					
SM2R5000	40 - 50A	15.0	22.0	manual motor starter	50kA
SM2R6300	45 - 63A	18.5	30.0	manual motor starter	50kA
<b>SM3R series</b> 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	55 - 75A	22.0	37.5	manual motor starter	50kA
SM3R9000	70 - 90A	25.0	45.0	manual motor starter	50kA
SM3R9900	80 - 100A	30.0	55.0	manual motor starter	50kA