

Command and signalling technical details

Control, isolating and safety transformers

Transformer			MS116 Motor starter			MS132 Motor starter		
Rated power (VA)	Input voltage (V)	Nominal Current (A)	Type	Ordering Code	Thermal curve setting	Type	Ordering Code	Thermal curve setting
50	230	0,22	MS116-1.0	1SAM250000R1005	0,63	MS132-1.0	1SAM350000R1005	0,63
100	230	0,43	MS116-1.6	1SAM250000R1006	1	MS132-1.6	1SAM350000R1006	1
160	230	0,7	MS116-2.5	1SAM250000R1007	1,6	MS132-2.5	1SAM350000R1007	1,6
200	230	0,87	MS116-4.0	1SAM250000R1008	2,5	MS132-4.0	1SAM350000R1008	2,5
250	230	1,09	MS116-4.0	1SAM250000R1008	2,5	MS132-4.0	1SAM350000R1008	2,5
320	230	1,39	MS116-6.3	1SAM250000R1009	4	MS132-6.3	1SAM350000R1009	4
400	230	1,74	MS116-10	1SAM250000R1010	4	MS132-6.3	1SAM350000R1009	4
630	230	2,74	MS116-10	1SAM250000R1010	6,3	MS132-10	1SAM350000R1010	6,3
1000	230	4,35	MS116-16	1SAM250000R1011	12,5	MS132-16	1SAM350000R1011	12,5
1600	230	6,96	MS116-20	1SAM250000R1013	20	MS132-25	1SAM350000R1014	20
50	400	0,13	MS116-0.63	1SAM250000R1004	0,4	MS132-0.63	1SAM350000R1004	0,4
100	400	0,25	MS116-1.0	1SAM250000R1005	0,63	MS132-1.0	1SAM350000R1005	0,63
160	400	0,4	MS116-2.5	1SAM250000R1007	1,6	MS132-2.5	1SAM350000R1007	1,6
200	400	0,5	MS116-2.5	1SAM250000R1007	1,6	MS132-2.5	1SAM350000R1007	1,6
250	400	0,63	MS116-2.5	1SAM250000R1007	1,6	MS132-2.5	1SAM350000R1007	1,6
320	400	0,8	MS116-4.0	1SAM250000R1008	2,5	MS132-4.0	1SAM350000R1008	2,5
400	400	1	MS116-6.3	1SAM250000R1009	2,5	MS132-4.0	1SAM350000R1008	2,5
630	400	1,58	MS116-10	1SAM250000R1010	4	MS132-6.3	1SAM350000R1009	4
1000	400	2,5	MS116-12	1SAM250000R1012	9	MS132-16	1SAM350000R1011	9
1600	400	4	MS116-12	1SAM250000R1012	12,5	MS132-16	1SAM350000R1011	12,5
2000	400	5	MS116-16	1SAM250000R1011	16	MS132-20	1SAM350000R1013	16
2500	400	6,25	MS116-20	1SAM250000R1013	20	MS132-25	1SAM350000R1014	20

Properties

Each type of transformer detailed in the table above can be supplied on the primary side with a line protected by the corresponding Manual Motor Starter.

The indicated devices are calibrated to prevent from tripping

during the transformer connection phase.

Caution: the motor starter do not protect the transformer, for this scope another compulsory protection must be installed on the secondary side as detailed on the transformers datasheet.

Wiring diagram with motorstarter

