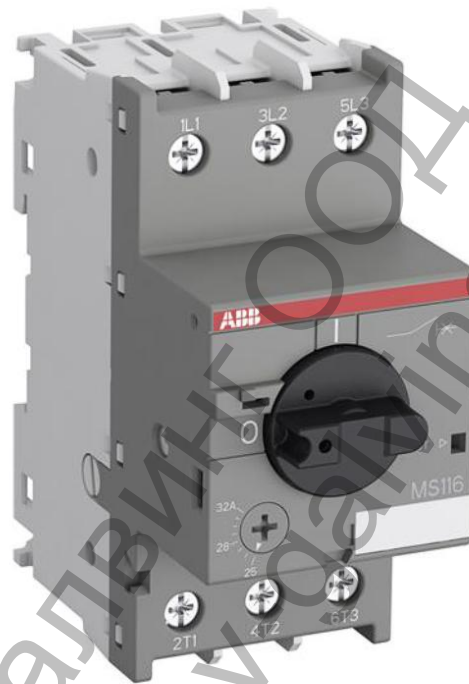


Прекъсвач АВВ моторен със защита срещу претоварване триполюсен 3P, 16-25 А А, 690 V, MS116-20



Manual motor starters (also known as motor protection circuit breakers or manual motor protectors) are electromechanical protection devices for the main circuit mainly used to switch motors manually ON/OFF and protect them fuseless

against short- circuits, overloads and phase failures. Fuseless protection with a manual motor starter saves costs, space and ensures a quick reaction under short- circuit condition, by switching off the motor within milliseconds. Fuseless starter combinations are setup together with contactors.

Description

- Overload protection – trip class 10A
- Phase loss sensitivity
- Disconnect function
- Temperature compensation from -25 ... +55 °C
- Adjustable current setting for overload protection
- Suitable for three- and single-phase applications
- Trip-free mechanism
- Clear switch position indication ON/OFF

Order data

MS116 screw terminals

Setting range	Rated operational power	Type	Order code	weight Pkg (1 pce)
0.10 ... 0.16	0.03 (1)	MS116-0.16	1SAM250000R1001	0.225
0.16 ... 0.25	0.06	MS116-0.25	1SAM250000R1002	0.225
0.25 ... 0.40	0.09	MS116-0.4	1SAM250000R1003	0.225
0.40 ... 0.63	0.18	MS116-0.63	1SAM250000R1004	0.225
0.63 ... 1.00	0.25	MS116-1.0	1SAM250000R1005	0.225
1.00 ... 1.60	0.55	MS116-1.6	1SAM250000R1006	0.265
1.60 ... 2.50	0.75	MS116-2.5	1SAM250000R1007	0.265
2.50 ... 4.00	1.50	MS116-4.0	1SAM250000R1008	0.265
4.00 ... 6.30	2.20	MS116-6.3	1SAM250000R1009	0.265
6.30 ... 10.0	4.00	MS116-10	1SAM250000R1010	0.265
8.00 ... 12.0	5.50	MS116-12	1SAM250000R1012	0.265
10.0 ... 16.0	7.50	MS116-16	1SAM250000R1011	0.265
16.0 ... 20.0	7.50	MS116-20	1SAM250000R1013	0.310
20.0 ... 25.0	11.0	MS116-25	1SAM250000R1014	0.310
25.0 ... 32.0	15.0	MS116-32	1SAM250000R1015	0.310

Note: For MS116 with pre-assembled auxiliary contact HKF1-11, please order 1SAM250005R10xx.
Manual motor starters should always be selected so that the actual motor current is within the setting range. (1) 690 V AC

Application

Manual motor starters (also known as motor protection circuit breakers or manual motor protectors) protect the load and the installation against short-circuits and overloads. They are three pole protection devices with thermal tripping elements for overload protection and electromagnetic tripping elements for short-circuit protection. Furthermore, they provide a disconnect function for safe isolation of the installation and the supply and they can be used for manual switching of loads. Manual motor starters have a setting scale in amperes, which allows direct adjusting of the device without any additional calculation. In compliance with international and national standards, the setting current is the rated current of the motor and not the tripping current (no tripping at $1.05 \times I$, tripping at $1.2 \times I$; I = setting current).

Продукт: [Прекъсвач АВВ моторен със защита срещу претоварване триполюсен 3P, 16-25 A A, 690 V, MS116-20](#)

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