



MS 116: a new asset among manual motor starters

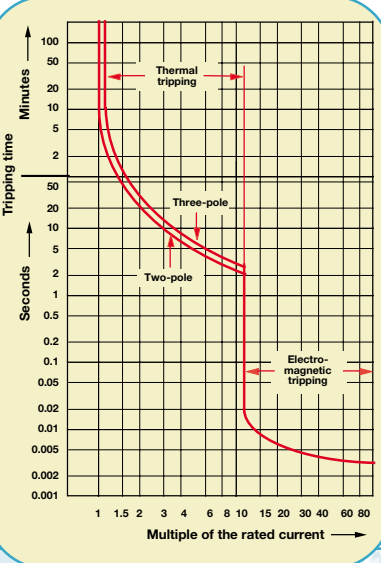
The small and compact MS 116 safely switches the circuit off and keeps your facilities available since a restart of a machine can be accomplished in no time at all.

Fuseless protection with MS 116:

- Provides for high safety and reliability in the planning and use of electrical installations
- Saves space due to the small dimensions of MS 116
- Increases availability of machines and plants
- Saves money in maintenance

General Technical Data

Rated current:	0.1 ... 16 A
	Only 11 ranges
Width:	45 mm
Rated operating voltage:	690 V AC / 440 V DC
Tripping Class:	10 / 10 A
Rated short circuit breaking capacity	
I_{CS} at 400 V AC, 16 A:	10 kA
Mechanical life time:	100.000 switches



Tripping Curve MS 116

In order to form a motor starter combination the MS 116 can be equipped with an adapter for either ABB minicontactors series B or for the contactors of ABB's series A, types A9, A12 and A16. By using these adapters no additional wiring is necessary since the manual motor starters and the contactors are automatically coordinated. This makes it even easier for you to plan and execute the most economic, yet still very reliable and powerful motor protection concept.



Benefits that speak for themselves

- Functions in one device:
 - switching
 - disconnecting
 - motor protection
- The small dimensions of the MS 116 make it ideal for situations where only little space is available.
- An auxiliary contact for front mounting is available which does not add to the width of the manual motor starter, therefore further saving space in installation.
- Only 11 device types cover the whole current range up to 16 A, which saves inventory costs.
- The handling of the manual motor starters is reliable since the switch position is always indicated clearly and the turnlever operation is extremely safe.
- Easy and quick installation thanks to the small, fuseless device
- Furthermore the ABB designers took special care to make the MS 116 as ecologically friendly as possible: After use the starter can easily be disassembled and the parts are fully recyclable.

