

Motor circuit breaker Field Power®

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Motor circuit breaker Field Power

The motor protection for decentral installation

The decentral motor circuit breaker MSS-FP protects your motor in the machinery field against overcurrent. The used decentral Field Power energy distribution system can be used continuously.

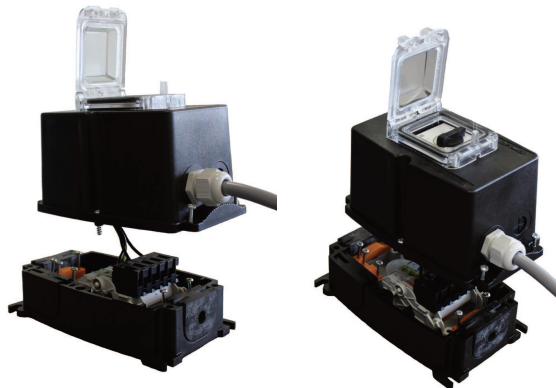
Regardless of the used engine management such as motor starters, motor soft starters or frequency converters, you can easily protect your motors against overcurrent by the motor circuit breaker.

The optional pre-assembled cover with integrated motor circuit breaker is pushed quickly and easily on the already used Field Power Box. The connected connector is plugged into the insulation displacement block. The pre-assembled motor cable is connected easily to the motor to be protected.

The current release of the cover integrated motor circuit breaker is set from outside. Furthermore, the motor circuit breaker can be switched on and off from the outside. The transparent protection cover on the front panel allows to identify the current settings and the power settings.

Advantages of the motor circuit breaker FieldPower MSS-FP

- Maintaining the power bus topology Field Power
- Continued use of the Field Power components
- Easy replacement from the cover
- Fast connection of the motor protection switch by pre-assembled motor cables
- Current settings of the outside
- Switch position (on / off) visible from the outside
- High protection degree IP 65



Technical Data & Specification

Type	MSS-FP 0,16	MSS-FP 0,25	MSS-FP 0,4	MSS-FP 0,63	MSS-FP 1
Current range	0,1 - 0,16A	0,16 - 0,25A	0,25 - 0,4A	0,4 - 0,63A	0,63 - 1,0A
Operation	ON / OFF Switch	ON / OFF Switch	ON / OFF Switch	ON / OFF Switch	ON / OFF Switch
Protection degree	IP 65	IP 65	IP 65	IP 65	IP 65
Access	From outside	From outside	From outside	From outside	From outside
Cover	Transparent	Transparent	Transparent	Transparent	Transparent
Terminals	Screw terminals	Screw terminals	Screw terminals	Screw terminals	Screw terminals
Motor cable length	1m	1m	1m	1m	1m
Part number	10 100100 0004	10 100100 0005	10 100100 0006	10 100100 0007	10 100100 0008

Type	MSS-FP 1,6	MSS-FP 2,5	MSS-FP 4	MSS-FP 6,3	MSS-FP 10
Current range	1,0 - 1,6A	1,6 - 2,5A	2,5 - 4,0A	4,0 - 6,3A	6,3 - 10A
Operation	ON / OFF Switch	ON / OFF Switch	ON / OFF Switch	ON / OFF Switch	ON / OFF Switch
Protection degree	IP 65	IP 65	IP 65	IP 65	IP 65
Access	From outside	From outside	From outside	From outside	From outside
Cover	Transparent	Transparent	Transparent	Transparent	Transparent
Terminals	Screw terminals	Screw terminals	Screw terminals	Screw terminals	Screw terminals
Motor cable length	1m	1m	1m	1m	1m
Part number	10 100100 0009	10 100100 0010	10 100100 0003	10 100100 0011	10 100100 0012

Type	MSS-FP 12	MSS-FP 16	MSS-FP 20	MSS-FP 25	MSS-FP 32
Current range	8,0 - 12A	10,0 - 16A	16 - 20A	20 - 25A	26 - 32A
Operation	ON / OFF Switch	ON / OFF Switch	ON / OFF Switch	ON / OFF Switch	ON / OFF Switch
Protection degree	IP 65	IP 65	IP 65	IP 65	IP 65
Access	From outside	From outside	From outside	From outside	From outside
Cover	Transparent	Transparent	Transparent	Transparent	Transparent
Terminals	Screw terminals	Screw terminals	Screw terminals	Screw terminals	Screw terminals
Motor cable length	1m	1m	1m	1m	1m
Part number	10 100100 0013	10 100100 0014	10 100100 0015	10 100100 0016	10 100100 0017