

SZM

Schaltanlagen
Zubehör

Bad Muskau
ZUSCHA Boss



Reliable Switching of Higher Voltage Current



**Motor drive
MD5 for
switch-disconnector
and earthing switch**

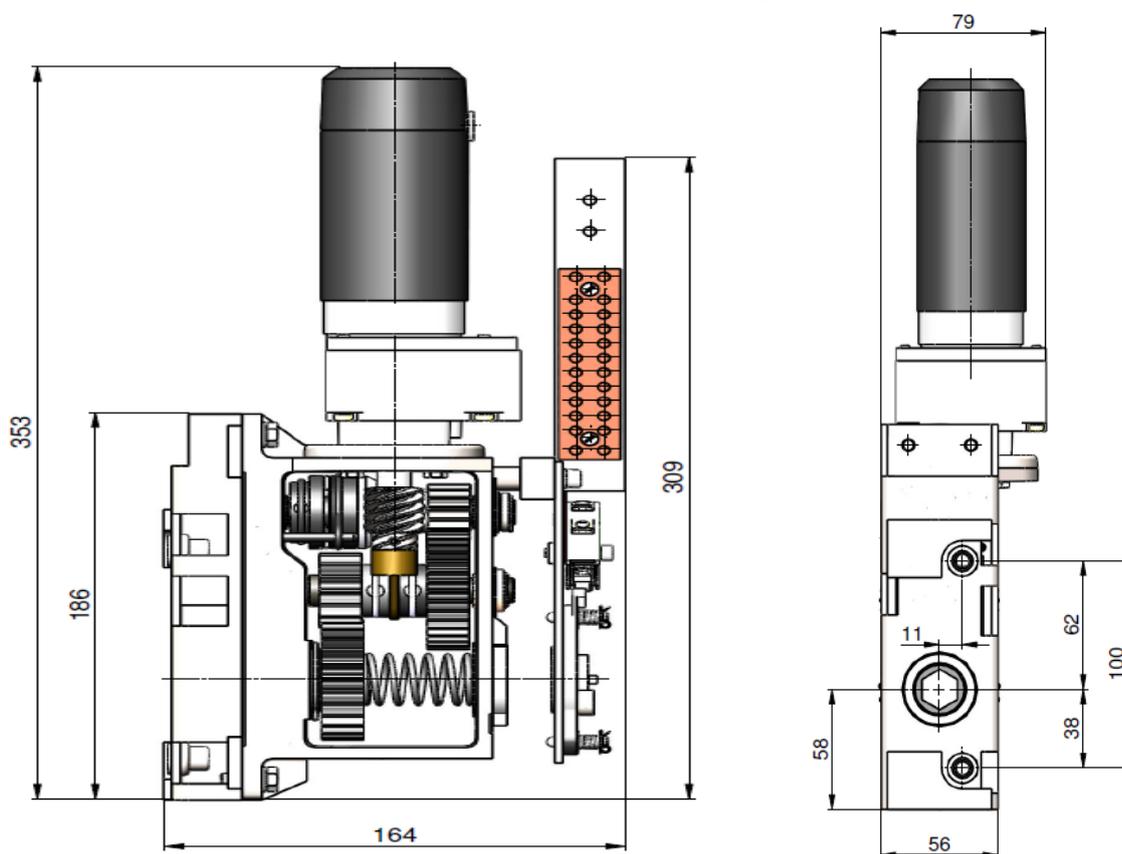
product specification

The Motor drive MD5 based on a license of ABB and is produced and marketed by SchaltanlagenZubehör Bad Muskau GmbH. The MD5 motor drive is used for the remote actuation of switching devices, mainly disconnectors, load break switches and earthing switches.

The numerous attachments and installation options as well as the variable hand emergency drive allow a universal use. A subsequent mounting on already installed devices is possible and executable by the small dimensions, also in compact switchgear panels. The drive is also available in a reinforced version for higher torques.

The team at SZM will be pleased to advise you on the various possible applications offered by the MD5. On request, we can configure your entire drive concept with the MD5, from actuation up to coupling to the switching device.

The motor drive consists of three factory pre-assembled components (motor, auxiliary contact module and helical gearbox), between which the hexagonal actuating shaft is in the assembled state, with its individual parts. This motor drive is available in many voltage levels.



The motor drive MD5 offers the following advantages:

- Compact design and robust design
- Helical gearboxes are available in two versions:
 - Drive for load break switches or drive for earthing switches
- Auxiliary switch module with clear customer area (terminal block)
- Motor is available in the following voltages: 24, 30, 48, 60, 110 and 220 DC
- Fastening elements right and left
- Two directions of rotation

Other parts of our supply and service range:

RETROFIT

SZM GmbH (SchaltanlagenZubehör Bad Muskau GmbH) offers extensive possibilities for RETROFIT solutions in the area of medium - and low voltage thanks to its many years of experience.

Service

SZM GmbH offers you the opportunity to properly maintain your complete switchgear system and to supply original spare parts and/or install them as required. Alongside the extensions, RETROFIT, modernization and conversion of substations, we also carry out inspections, maintenance and repair work on medium - and low voltage switchgears.

Mechanical production

SZM GmbH operates in a modern work environment, using conventional and primarily CNC-controlled metal processing centres. We manufacture with maximum precision, from individual pieces to medium batch sizes. We process a large variety of metal materials which we can also refine as required (hardening, grinding, galvanising, silver-plating etc.)

Switching devices

Production of load-break switches type C3.
Development/production/sale of vacuum CB's.

Switchgear systems

We offer you an extensive range of medium voltage switchgear systems for primary distribution, both standard solutions, but also tailor-made specific customised solutions from development to type testing. Our range includes air and inert gas insulated switchgear panel with a selection of different switching devices such as SIMOPRIME/ PTG01/ PTG02/ SAM and much more.

Drives

We design and produce manual and motorized drives for medium voltage load-break switches, disconnecting switches and earthing switches of various makes.

Accessories

Various accessories for switchgear construction such as shaft extension, attachment sets for signalling switches, clamps for round bus bars, locks and much more.

Contact systems

Due to our extensive RETROFIT program, we also offer a wide variety of contact systems for round and flat primary contacts. We are also pleased to design and produce special customized solutions for all current ratings.

Design

SZM GmbH designs modern products for the energy market, especially medium voltage switching devices but also switchgear systems, drives for switching devices and RETROFIT solutions for the exchange of worn out devices. We provide a one stop shop, from giving competent advice to design, prototyping and to full type testing. We are equipped with all required CAD software, modern electrical test lab and advanced measurement technology.





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