



# SCHALTGERÄTE

## Komplett-Typen Baureihe MN

### Complete types Series MN

#### Stern-Dreieckschalter

#### Star-Delta switches

Griff/Frontschild schwarz/silber sw/si  
Schaltwinkel 45°, 60° und 90°

handle/front plate black/silver bk/si  
switching angle 45°, 60° and 90°

X Kontakt geschlossen/contact closed  
\* Kontakt geschlossen ohne Unterbrechung/  
\* contact closed without interruption

Schaltbilder  
Contact diagram

Schaltprogramm  
Contact arrangement

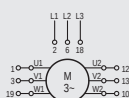
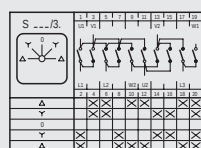
Dauerstrom  $I_n$   
Rated  
Uninterrupted  
current  $I_n$   
A

Leistung  
Rating  
AC 3  
kW

Leistung  
Rating  
AC 23A  
kW

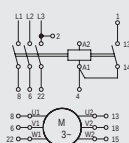
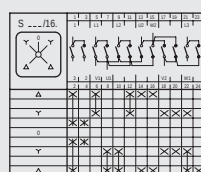
Schaltkammer  
Contact chamber

Baureihe  
Series



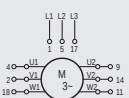
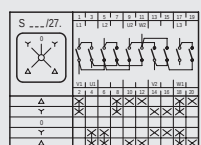
2 Drehrichtungen  
2 reversing

|     |      |     |   |     |
|-----|------|-----|---|-----|
| 20  | 5,5  | 7,5 | 6 | 104 |
| 25  | 5,5  | 7,5 | 6 | 105 |
| 32  | 7,5  | 11  | 5 | 151 |
| 40  | 11   | 15  | 5 | 251 |
| 63  | 18,5 | 22  | 5 | 451 |
| 80  | 37   | 37  | 5 | 656 |
| 125 | 45   | 45  | 5 | 756 |



2 Drehrichtungen  
mit 1 Kontakt  
2 reversing  
with 1 contact

|     |      |     |   |     |
|-----|------|-----|---|-----|
| 20  | 5,5  | 7,5 | 7 | 104 |
| 25  | 5,5  | 7,5 | 7 | 105 |
| 32  | 7,5  | 11  | 6 | 151 |
| 40  | 11   | 15  | 6 | 251 |
| 63  | 18,5 | 22  | 6 | 451 |
| 80  | 37   | 37  | 6 | 656 |
| 125 | 45   | 45  | 6 | 756 |



2 Drehrichtungen für einzel-  
kompensierte Motoren  
2 reversing for individually  
compensated motors

|     |      |     |   |     |
|-----|------|-----|---|-----|
| 20  | 5,5  | 7,5 | 6 | 104 |
| 25  | 5,5  | 7,5 | 6 | 105 |
| 32  | 7,5  | 11  | 5 | 151 |
| 40  | 11   | 15  | 5 | 251 |
| 63  | 18,5 | 22  | 5 | 451 |
| 80  | 37   | 37  | 5 | 656 |
| 125 | 45   | 45  | 5 | 756 |

Weitere Bauformen und  
Zusatzrüstungen auf Seiten  
4.21-4.51  
Other applications and additional  
equipment please see pages  
4.21-4.51

Maßzeichnungen/Abmessungen  
auf Seiten 4.21-4.32  
Dimensional drawings please see  
pages 4.21-4.32

Weitere Frontschilder im Tausch  
(ohne Mehrpreis) auf Seiten  
4.54-4.55  
Frontplates available without  
surcharge please see pages  
4.54-4.55

IP 54



Fronteinbau  
mit 4-Lochbefestigung

4-hole front mounting

Typ/Type

Best.Nr./Part #

|              |                  |
|--------------|------------------|
| S 104/3.0200 | <b>MZ 10 254</b> |
| S 105/3.0200 | <b>MZ 12 254</b> |
| S 151/3.0200 | <b>MZ 17 254</b> |
| S 251/3.0400 | <b>MZ 19 254</b> |
| S 451/3.0400 | <b>MZ 21 254</b> |
| S 656/3.0600 | <b>MZ 25 254</b> |
| S 756/3.0600 | <b>MZ 27 254</b> |

IP 65



Fronteinbau  
mit Zentralbefestigung  
22,5mm und 30,5mm

Single-hole mounting  
22,5mm und 30,5mm

Typ/Type

Best.Nr./Part #

|              |                  |
|--------------|------------------|
| S 104/3.0260 | <b>MZ 10 268</b> |
| S 105/3.0260 | <b>MZ 12 268</b> |
| S 151/3.0260 | <b>MZ 17 268</b> |
| S 251/3.0460 | <b>MZ 19 268</b> |

IP 54



Bodeneinbau  
mit Schraubbefestigung

Screw-on Base mounting

Typ/Type

Best.Nr./Part #

|              |                  |
|--------------|------------------|
| S 104/3.0202 | <b>MZ 10 261</b> |
| S 105/3.0202 | <b>MZ 12 261</b> |
| S 151/3.0202 | <b>MZ 17 261</b> |
| S 251/3.0402 | <b>MZ 19 261</b> |
| S 451/3.0402 | <b>MZ 21 261</b> |
| S 656/3.0602 | <b>MZ 25 261</b> |
| S 756/3.0602 | <b>MZ 27 261</b> |

|               |                  |
|---------------|------------------|
| S 104/16.0200 | <b>MZ 10 255</b> |
| S 105/16.0200 | <b>MZ 12 255</b> |
| S 151/16.0200 | <b>MZ 17 255</b> |
| S 251/16.0400 | <b>MZ 19 255</b> |
| S 451/16.0400 | <b>MZ 21 255</b> |
| S 656/16.0600 | <b>MZ 25 255</b> |
| S 756/16.0600 | <b>MZ 27 255</b> |

|               |                  |
|---------------|------------------|
| S 104/16.0260 | <b>MZ 10 269</b> |
| S 105/16.0260 | <b>MZ 12 269</b> |
| S 151/16.0260 | <b>MZ 17 269</b> |
| S 251/16.0460 | <b>MZ 19 269</b> |

|               |                  |
|---------------|------------------|
| S 104/16.0202 | <b>MZ 10 262</b> |
| S 105/16.0202 | <b>MZ 12 262</b> |
| S 151/16.0202 | <b>MZ 17 262</b> |
| S 251/16.0402 | <b>MZ 19 262</b> |
| S 451/16.0402 | <b>MZ 21 262</b> |
| S 656/16.0602 | <b>MZ 25 262</b> |
| S 756/16.0602 | <b>MZ 27 262</b> |

|               |                  |
|---------------|------------------|
| S 104/27.0200 | <b>MZ 10 256</b> |
| S 105/27.0200 | <b>MZ 12 256</b> |
| S 151/27.0200 | <b>MZ 17 256</b> |
| S 251/27.0400 | <b>MZ 19 256</b> |
| S 451/27.0400 | <b>MZ 21 256</b> |
| S 656/27.0600 | <b>MZ 25 256</b> |
| S 756/27.0600 | <b>MZ 27 256</b> |

|               |                  |
|---------------|------------------|
| S 104/27.0260 | <b>MZ 10 270</b> |
| S 105/27.0260 | <b>MZ 12 270</b> |
| S 151/27.0260 | <b>MZ 17 270</b> |
| S 251/27.0460 | <b>MZ 19 270</b> |

|               |                  |
|---------------|------------------|
| S 104/27.0202 | <b>MZ 10 263</b> |
| S 105/27.0202 | <b>MZ 12 263</b> |
| S 151/27.0202 | <b>MZ 17 263</b> |
| S 251/27.0402 | <b>MZ 19 263</b> |
| S 451/27.0402 | <b>MZ 21 263</b> |
| S 656/27.0602 | <b>MZ 25 263</b> |
| S 756/27.0602 | <b>MZ 27 263</b> |