

Komplett-Typen Baureihe MN
Complete types Series MN

Stufenschalter ohne 0-Stellung, 7 bis 12 Stufen
2 Stufen siehe Seiten 3.84-3.87 Umschalter

Griff/Frontschild schwarz/silber sw/si
Schaltwinkel 45°, 30°

Mehrpolige Schalter auf Anfrage *2

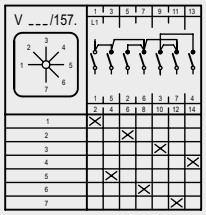
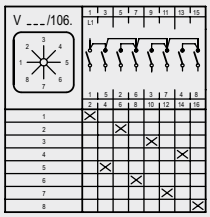
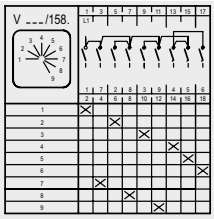
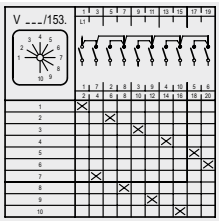
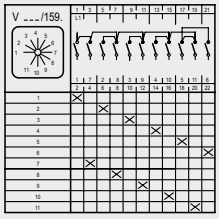
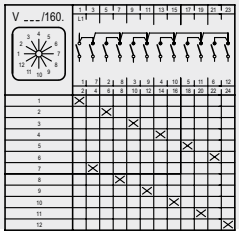
Step switches without 0-position, 7 to 12 steps
2 steps see pages 3.84-3.87 Change-Over Switch

handle/front plate black/silver bk/si
switching angle 45°, 30°

*Multipole switches on request *2*

X Kontakt geschlossen/*contact closed*

X Kontakt geschlossen ohne Unterbrechung/
contact closed without interruption

Schaltbilder *Contact diagram*	**Schaltprogramm** *Contact arrangement*	**Dauerstrom I_{th}** *Rated Uninterrupted current I_{th}* A	**Leistung** *Rating* **AC 3** kW	**Leistung** *Rating* **AC 23A** kW	**Schaltkammer** *Contact chamber*	**Baureihe** *Series*
	**7 Stufen / *7 steps***					
	1-polig / *1-pole*	20	2,2*	2,2*	5	104
		25	2,2*	2,2*	5	105
		32	3*	3*	4	151
		40	4*	4*	4	251
		63	5,5*	5,5*	4	451
		80	11*	11*	4	656
		125	11*	11*	4	756
	**8 Stufen / *8 steps***					
	1-polig / *1-pole*	20	2,2*	2,2*	5	104
		25	2,2*	2,2*	5	105
		32	3*	3*	4	151
		40	4*	4*	4	251
		63	5,5*	5,5*	4	451
		80	11*	11*	4	656
		125	11*	11*	4	756
	**9 Stufen / *9 steps***					
	1-polig / *1-pole*	20	2,2*	2,2*	6	104
		25	2,2*	2,2*	6	105
		32	3*	3*	5	151
		40	4*	4*	5	251
		63	5,5*	5,5*	5	451
		80	11*	11*	5	656
		125	11*	11*	5	756
	**10 Stufen / *10 steps***					
	1-polig / *1-pole*	20	2,2*	2,2*	6	104
		25	2,2*	2,2*	6	105
		32	3*	3*	5	151
		40	4*	4*	5	251
		63	5,5*	5,5*	5	451
		80	11*	11*	5	656
		125	11*	11*	5	756
	**11 Stufen / *11 steps***					
	1-polig / *1-pole*	20	2,2*	2,2*	7	104
		25	2,2*	2,2*	7	105
		32	3*	3*	6	151
		40	4*	4*	6	251
		63	5,5*	5,5*	6	451
		80	11*	11*	6	656
		125	11*	11*	6	756
	**12 Stufen / *12 steps***					
	1-polig / *1-pole*	20	2,2*	2,2*	7	104
		25	2,2*	2,2*	7	105
		32	3*	3*	6	151
		40	4*	4*	6	251
		63	5,5*	5,5*	6	451
		80	11*	11*	6	656
		125	11*	11*	6	756

Weitere Bauformen und Zusatzausrüstungen 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

* AC 3/1x230V
*2 Eine Gesamtübersicht der Stufenschalter finden Sie auf unserem CD-Katalog und im Internet
A complete overview of all step-switches is available on our CD-Rom catalogue and on the internet

IP 54



Fronteinbau
mit 4-Lochbefestigung
4-hole front mounting

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/157.0200	**MZ 10 375**
V 105/157.0200	**MZ 12 375**
V 151/157.0200	**MZ 17 375**
V 251/157.0400	**MZ 19 375**
V 451/157.0400	**MZ 21 375**
V 656/157.0600	**MZ 25 375**
V 756/157.0600	**MZ 27 375**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/106.0200	**MZ 10 384**
V 105/106.0200	**MZ 12 384**
V 151/106.0200	**MZ 17 384**
V 251/106.0400	**MZ 19 384**
V 451/106.0400	**MZ 21 384**
V 656/106.0600	**MZ 25 384**
V 756/106.0600	**MZ 27 384**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/158.0200	**MZ 10 393**
V 105/158.0200	**MZ 12 393**
V 151/158.0200	**MZ 17 393**
V 251/158.0400	**MZ 19 393**
V 451/158.0400	**MZ 21 393**
V 656/158.0600	**MZ 25 393**
V 756/158.0600	**MZ 27 393**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/153.0200	**MZ 10 394**
V 105/153.0200	**MZ 12 394**
V 151/153.0200	**MZ 17 394**
V 251/153.0400	**MZ 19 394**
V 451/153.0400	**MZ 21 394**
V 656/153.0600	**MZ 25 394**
V 756/153.0600	**MZ 27 394**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/159.0200	**MZ 10 395**
V 105/159.0200	**MZ 12 395**
V 151/159.0200	**MZ 17 395**
V 251/159.0400	**MZ 19 395**
V 451/159.0400	**MZ 21 395**
V 656/159.0600	**MZ 25 395**
V 756/159.0600	**MZ 27 395**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/160.0200	**MZ 10 396**
V 105/160.0200	**MZ 12 396**
V 151/160.0200	**MZ 17 396**
V 251/160.0400	**MZ 19 396**
V 451/160.0400	**MZ 21 396**
V 656/160.0600	**MZ 25 396**
V 756/160.0600	**MZ 27 396**

IP 65



Fronteinbau
mit Zentralbefestigung
22,5mm und 30,5mm
Single-hole mounting
22,5mm und 30,5mm

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/157.0260	**MZ 10 381**
V 105/157.0260	**MZ 12 381**
V 151/157.0260	**MZ 17 381**
V 251/157.0460	**MZ 19 381**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/106.0260	**MZ 10 390**
V 105/106.0260	**MZ 12 390**
V 151/106.0260	**MZ 17 390**
V 251/106.0460	**MZ 19 390**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/158.0260	**MZ 10 401**
V 105/158.0260	**MZ 12 401**
V 151/158.0260	**MZ 17 401**
V 251/158.0460	**MZ 19 401**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/153.0260	**MZ 10 402**
V 105/153.0260	**MZ 12 402**
V 151/153.0260	**MZ 17 402**
V 251/153.0460	**MZ 19 402**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/159.0260	**MZ 10 403**
V 105/159.0260	**MZ 12 403**
V 151/159.0260	**MZ 17 403**
V 251/159.0460	**MZ 19 403**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/160.0260	**MZ 10 404**
V 105/160.0260	**MZ 12 404**
V 151/160.0260	**MZ 17 404**
V 251/160.0460	**MZ 19 404**

IP 54



Bodeneinbau
mit Schraubbefestigung
Screw-on Base mounting

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/157.0202	**MZ 10 378**
V 105/157.0202	**MZ 12 378**
V 151/157.0202	**MZ 17 378**
V 251/157.0402	**MZ 19 378**
V 451/157.0402	**MZ 21 378**
V 656/157.0602	**MZ 25 378**
V 756/157.0602	**MZ 27 378**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/106.0202	**MZ 10 387**
V 105/106.0202	**MZ 12 387**
V 151/106.0202	**MZ 17 387**
V 251/106.0402	**MZ 19 387**
V 451/106.0402	**MZ 21 387**
V 656/106.0602	**MZ 25 387**
V 756/106.0602	**MZ 27 387**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/158.0202	**MZ 10 397**
V 105/158.0202	**MZ 12 397**
V 151/158.0202	**MZ 17 397**
V 251/158.0402	**MZ 19 397**
V 451/158.0402	**MZ 21 397**
V 656/158.0602	**MZ 25 397**
V 756/158.0602	**MZ 27 397**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/153.0202	**MZ 10 398**
V 105/153.0202	**MZ 12 398**
V 151/153.0202	**MZ 17 398**
V 251/153.0402	**MZ 19 398**
V 451/153.0402	**MZ 21 398**
V 656/153.0602	**MZ 25 398**
V 756/153.0602	**MZ 27 398**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/159.0202	**MZ 10 399**
V 105/159.0202	**MZ 12 399**
V 151/159.0202	**MZ 17 399**
V 251/159.0402	**MZ 19 399**
V 451/159.0402	**MZ 21 399**
V 656/159.0602	**MZ 25 399**
V 756/159.0602	**MZ 27 399**

Typ/*Type*	**Best.Nr.**/*Part #*
V 104/160.0202	**MZ 10 400**
V 105/160.0202	**MZ 12 400**
V 151/160.0202	**MZ 17 400**
V 251/160.0402	**MZ 19 400**
V 451/160.0402	**MZ 21 400**
V 656/160.0602	**MZ 25 400**
V 756/160.0602	**MZ 27 400**

