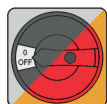


MERZ - ENVOLVENTES SERIE 81xx

MERZ - ENCLOSURES SERIES 81xx



Interruptor Principal / Emergencia
Main Switch / Emergency-Off Switch



Colores disponibles para todos los diseños de envoltente
Available colours for all housing designs



Switch to Quality!

Versiones en caja - Series ML0 / ML1

Complete types Series ML0 / ML1

Interrupor Compacto

Como interruptor principal en cajas plásticas
 Comando y placa frontal en color negro/gris
 O como interruptor de parada de emergencia en caja plástica
 Comando y placa frontal en colores rojo/amarillo

Envolvente: apta para uso en exteriores



**Envolvente plástica
 Con mandos con posición de bloqueo
 Para 1, 2 o 3 candados**

Para candados de diámetro hasta 8 mm,

Mando /placa frontal rojo/amarillo o negro/gris

Muy robusta y a pruebas de impactos

Alto grado de protección

IP66 / IK06

Compact Switches

as Main Switch in plastic enclosure
 handle/front in black/grey bk/gr or
 as Emergency-Off Switch in plastic enclosure
 handle/front in red/yellow rd/ye

Enclosure: suitable outdoor use

**Plastic enclosure
 with lockout handle
 for 1, 2 or 3 padlocks**

with shackle hole diameter up to 8 mm,

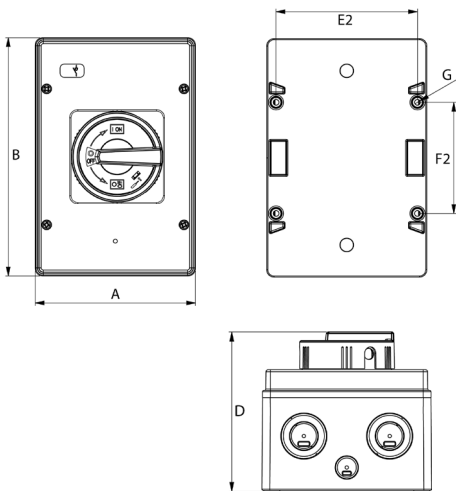
handle/front plate red/yellow rd/ye or black/grey bk/gr

Extremely robust and impact resistant

High degree of protection

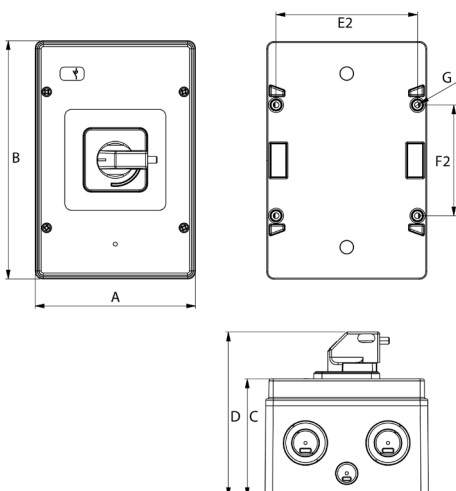
IP66 / IK06

Dimensiones / Dimensions with Lock ring

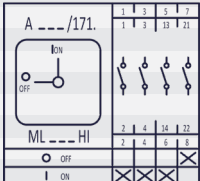

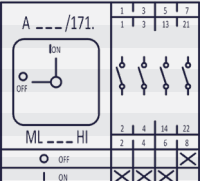

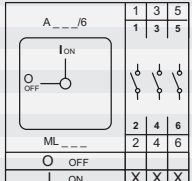

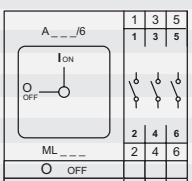



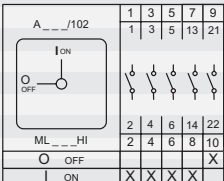

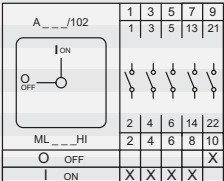

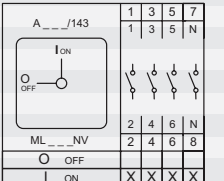

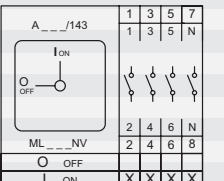

| Serie Series | Dimensiones (mm) Dimensions (mm) | | | | | | | | Pretaladros Knock-out | |
|-----------------|-------------------------------------|-----|-----|----|-----|-----|------|---------|--------------------------|--|
| | A | B | C | D | E2 | F2 | G | H | | |
| 8100 | ●● | 119 | 177 | 86 | 112 | 105 | 82,5 | 4,2(4x) | 4xD25 + 2xD16 | |
| 8101 | ●● | 119 | 177 | 86 | 112 | 105 | 82,5 | 4,2(4x) | 4xD25 + 2xD16 | |
| 8120 | ●● | 119 | 177 | 86 | 112 | 105 | 82,5 | 4,2(4x) | 4xD32/20 + 2xD16 | |
| 8121 | ●● | 119 | 177 | 86 | 112 | 105 | 82,5 | 4,2(4x) | 4xD32/20 + 2xD16 | |

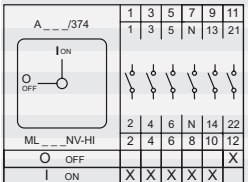
Dimensiones con mando EV/EVS / Dimensions with EV/EVS handle

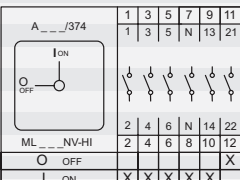


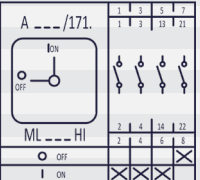
| Serie Series | Dimensiones (mm) Dimensions (mm) | | | | | | | | Pretaladros Knock-out | |
|-----------------|-------------------------------------|-----|-----|----|-----|-----|------|---------|--------------------------|--|
| | A | B | C | D | E2 | F2 | G | H | | |
| 8100-EV | ●● | 119 | 177 | 86 | 120 | 105 | 82,5 | 4,2(4x) | 4xD25 + 2xD16 | |
| 8101-EVS | ●● | 119 | 177 | 86 | 120 | 105 | 82,5 | 4,2(4x) | 4xD25 + 2xD16 | |
| 8120-EV | ●● | 119 | 177 | 86 | 120 | 105 | 82,5 | 4,2(4x) | 4xD32/20 + 2xD16 | |
| 8121-EVS | ●● | 119 | 177 | 86 | 120 | 105 | 82,5 | 4,2(4x) | 4xD32/20 + 2xD16 | |

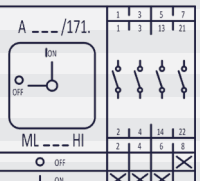
| Esquema de contactos Contact arrangement | | Corriente I_{na} Rated Uninterrupted current I_{na} A | Potencia Rating AC 3 kW | Potencia Rating AC 23A kW | Serie Series | Mando/ Frontal/ handle/ front plate | Tipo Type | Nr. Parte Part # |
|---|------------------|---|----------------------------------|------------------------------------|-----------------|--|--------------------|---------------------|
| 2-polos+ 1NC +1NA 2-pole + 1NC + 1NO   | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-2V-8100-HI | MZ 57 172 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-2V-8101-HI | MZ 57 173 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-2V-8100-HI | MZ 59 172 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-2V-8101-HI | MZ 59 173 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-2V-8100-HI | MZ 34 222 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-2V-8101-HI | MZ 34 223 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-2V-8100-HI | MZ 33 222 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-2V-8101-HI | MZ 33 223 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-2V-8100-HI | MZ 36 222 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-2V-8101-HI | MZ 36 223 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-2V-8100-HI | MZ 35 222 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-2V-8101-HI | MZ 35 223 |
| 2-polos+ 1NC +1NA 2-pole + 1NC + 1NO   | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-2V-8120-HI | MZ 57 182 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-2V-8121-HI | MZ 57 183 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-2V-8120-HI | MZ 59 182 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-2V-8121-HI | MZ 59 183 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-2V-8120-HI | MZ 34 232 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-2V-8121-HI | MZ 34 233 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-2V-8120-HI | MZ 33 232 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-2V-8121-HI | MZ 33 233 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-2V-8120-HI | MZ 36 232 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-2V-8121-HI | MZ 36 233 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-2V-8120-HI | MZ 35 232 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-2V-8121-HI | MZ 35 233 |
| | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-2V-8120-HI | MZ 38 232 | |
| | 50 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-050-2V-8121-HI | MZ 38 233 | |
| | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-2V-8120-HI | MZ 40 232 | |
| | 63 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-063-2V-8121-HI | MZ 40 233 | |
| 3-polos 3-pole   | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-3V-8100 | MZ 57 470 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-3V-8101 | MZ 57 471 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-3V-8100 | MZ 59 470 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-3V-8101 | MZ 59 471 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8100 | MZ 34 240 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-V-8101 | MZ 34 241 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8100 | MZ 33 240 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-V-8101 | MZ 33 241 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8100 | MZ 36 240 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-V-8101 | MZ 36 241 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8100 | MZ 35 240 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-V-8101 | MZ 35 241 |
| 3-polos 3-pole   | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-3V-8120 | MZ 57 480 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-3V-8121 | MZ 57 481 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-3V-8120 | MZ 59 480 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-3V-8121 | MZ 59 481 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8120 | MZ 34 260 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-V-8121 | MZ 34 261 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8120 | MZ 33 260 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-V-8121 | MZ 33 261 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8120 | MZ 36 260 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-V-8121 | MZ 36 261 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8120 | MZ 35 260 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-V-8121 | MZ 35 261 |
| | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-V-8120 | MZ 38 260 | |
| | 50 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-050-V-8121 | MZ 38 261 | |
| | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-V-8120 | MZ 40 260 | |
| | 63 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-063-V-8121 | MZ 40 261 | |

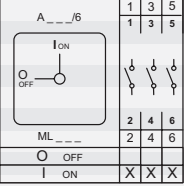
| Esquema de contactos Contact arrangement | | Corriente I_{th} Rated Uninterrupted current I_{th} A | Potencia Rating AC 3 kW | Potencia Rating AC 23A kW | Serie Series | Mando/ Placa frontal handle/ front plate | Tipo Type | Nr.Parte Part # |
|---|------------------|---|----------------------------------|------------------------------------|-----------------|---|--------------------|--------------------|
| 3-polos+ 1NC +1NA 3-pole + 1NC + 1NO   | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-3V-8100-HI | MZ 57 472 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-3V-8101-HI | MZ 57 473 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-3V-8100-HI | MZ 59 472 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-3V-8101-HI | MZ 59 473 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8100-HI | MZ 34 242 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-V-8101-HI | MZ 34 243 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8100-HI | MZ 33 242 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-V-8101-HI | MZ 33 243 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8100-HI | MZ 36 242 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-V-8101-HI | MZ 36 243 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8100-HI | MZ 35 242 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-V-8101-HI | MZ 35 243 |
| 3-polos+ 1NC +1NA 3-pole + 1NC + 1NO   | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-3V-8120-HI | MZ 57 482 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-3V-8121-HI | MZ 57 483 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-3V-8120-HI | MZ 59 482 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-3V-8121-HI | MZ 59 483 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8120-HI | MZ 34 262 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-V-8121-HI | MZ 34 263 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8120-HI | MZ 33 262 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-V-8121-HI | MZ 33 263 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8120-HI | MZ 36 262 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-V-8121-HI | MZ 36 263 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8120-HI | MZ 35 262 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-V-8121-HI | MZ 35 263 |
| | | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-V-8120-HI | MZ 38 262 |
| | | 50 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-050-V-8121-HI | MZ 38 263 |
| | | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-V-8120-HI | MZ 40 262 |
| | 63 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-063-V-8121-HI | MZ 40 263 | |
| 4-polos 4-pole   | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-4V-8100 | MZ 57 770 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-4V-8101 | MZ 57 771 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-4V-8100 | MZ 59 770 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-4V-8101 | MZ 59 771 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8100-NV | MZ 34 244 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-V-8101-NV | MZ 34 245 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8100-NV | MZ 33 244 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-V-8101-NV | MZ 33 245 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8100-NV | MZ 36 244 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-V-8101-NV | MZ 36 245 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8100-NV | MZ 35 244 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-V-8101-NV | MZ 35 245 |
| 4-polos 4-pole   | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-4V-8120 | MZ 57 780 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-4V-8121 | MZ 57 781 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-4V-8120 | MZ 59 780 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-4V-8121 | MZ 59 781 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8120-NV | MZ 34 264 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-V-8121-NV | MZ 34 265 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8120-NV | MZ 33 264 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-V-8121-NV | MZ 33 265 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8120-NV | MZ 36 264 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-V-8121-NV | MZ 36 265 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8120-NV | MZ 35 264 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-V-8121-NV | MZ 35 265 |
| | | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-V-8120-NV | MZ 38 264 |
| | | 50 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-050-V-8121-NV | MZ 38 265 |
| | | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-V-8120-NV | MZ 40 264 |
| | 63 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-063-V-8121-NV | MZ 40 265 | |

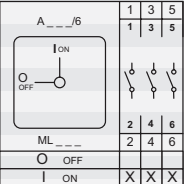
| Esquema de contactos Contact arrangement | | Corriente I_{th} Rated Uninterrupted current I_{th} A | Potencia Rating AC 3 kW | Potencia Rating AC 23A kW | Serie Series | Mando-/ Placa frontal handle/ front plate | Tipo Type | Nr. Parte Part # |
|---|---------------|---|----------------------------------|------------------------------------|-----------------|--|----------------------|---------------------|
| 4-polos+ 1NC +1NA 4-pole + 1NC + 1NO | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-4V-8100-HI | MZ 57 772 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-4V-8101-HI | MZ 57 773 |
|  | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-4V-8100-HI | MZ 59 772 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-4V-8101-HI | MZ 59 773 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8100-NV-HI | MZ 34 246 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-V-8101-NV-HI | MZ 34 247 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8100-NV-HI | MZ 33 246 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-V-8101-NV-HI | MZ 33 247 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8100-NV-HI | MZ 36 246 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-V-8101-NV-HI | MZ 36 247 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8100-NV-HI | MZ 35 246 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-V-8101-NV-HI | MZ 35 247 |

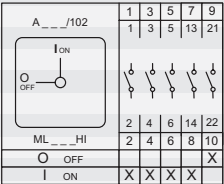
| | | | | | | | | |
|--|------------------|----|-----|-----|-----|-------------|----------------------|------------------|
| 4-polos+ 1NC +1NA 4-pole + 1NC + 1NO | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-4V-8120-HI | MZ 57 782 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/gr bk/gr | ML0-016-4V-8121-HI | MZ 57 783 |
|  | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-4V-8120-HI | MZ 59 782 |
| | | 32 | 9 | 9 | ML0 | ne/gr bk/gr | ML0-032-4V-8121-HI | MZ 59 783 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8120-NV-HI | MZ 34 266 |
| | | 16 | 9 | 9 | ML1 | ne/gr bk/gr | ML1-016-V-8121-NV-HI | MZ 34 267 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8120-NV-HI | MZ 33 266 |
| | | 25 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-025-V-8121-NV-HI | MZ 33 267 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8120-NV-HI | MZ 36 266 |
| | | 32 | 7,5 | 11 | ML1 | ne/gr bk/gr | ML1-032-V-8121-NV-HI | MZ 36 267 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8120-NV-HI | MZ 35 266 |
| | | 40 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-040-V-8121-NV-HI | MZ 35 267 |
| | | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-V-8120-NV-HI | MZ 38 266 |
| | | 50 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-050-V-8121-NV-HI | MZ 38 267 |
| | | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-V-8120-NV-HI | MZ 40 266 |
| | | 63 | 11 | 15 | ML1 | ne/gr bk/gr | ML1-063-V-8121-NV-HI | MZ 40 267 |

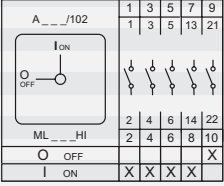
| | | | | | | | | |
|---|---------------|----|-----|-----|-----|-------------|------------------------|------------------|
| 2-polos+ 1NC +1NA 2-pole + 1NC + 1NO | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-2V-8100-EV-HI | MZ 57 174 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-2V-8101-EVS-HI | MZ 57 175 |
|  | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-2V-8100-EV-HI | MZ 59 174 |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-2V-8101-EVS-HI | MZ 59 175 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-2V-8100-EV-HI | MZ 34 224 |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-2V-8101-EVS-HI | MZ 34 225 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-2V-8100-EV-HI | MZ 33 224 |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-2V-8101-EVS-HI | MZ 33 225 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-2V-8100-EV-HI | MZ 36 224 |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-2V-8101-EVS-HI | MZ 36 225 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-2V-8100-EV-HI | MZ 35 224 |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-2V-8101-EVS-HI | MZ 35 225 |

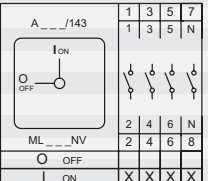
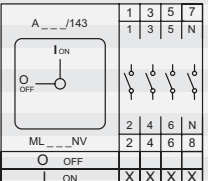
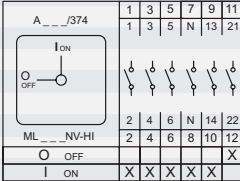
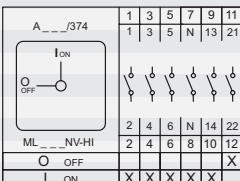
| | | | | | | | | |
|---|------------------|----|-----|-----|-----|-------------|------------------------|------------------|
| 2-polos+ 1NC +1NA 2-pole + 1NC + 1NO | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-2V-8120-EV-HI | MZ 57 184 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-2V-8121-EVS-HI | MZ 57 185 |
|  | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-2V-8120-EV-HI | MZ 59 184 |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-2V-8121-EVS-HI | MZ 59 185 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-2V-8120-EV-HI | MZ 34 234 |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-2V-8121-EVS-HI | MZ 34 235 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-2V-8120-EV-HI | MZ 33 234 |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-2V-8121-EVS-HI | MZ 33 235 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-2V-8120-EV-HI | MZ 36 234 |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-2V-8121-EVS-HI | MZ 36 235 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-2V-8120-EV-HI | MZ 35 234 |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-2V-8121-EVS-HI | MZ 35 235 |
| | | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-2V-8120-EV-HI | MZ 38 234 |
| | | 50 | 11 | 15 | ML1 | ne/pl bk/si | ML1-050-2V-8121-EVS-HI | MZ 38 235 |
| | | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-2V-8120-EV-HI | MZ 40 234 |
| | | 63 | 11 | 15 | ML1 | ne/pl bk/si | ML1-063-2V-8121-EVS-HI | MZ 40 235 |

| Esquema de contactos Contact arrangement | | Corriente I_{th} Rated Uninterrupted current I_{th} A | Potencia Rating AC 3 kW | Potencia Rating AC 23A kW | Serie Series | Mando-/ Placa frontal handle/ front plate | Tipo Type | Nr. Parte Part # | |
|--|---------------|---|----------------------------------|------------------------------------|-----------------|--|---------------------|---------------------|--|
| 3-polos 3-pole  | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-3V-8100-EV | MZ 57 474 | |
| | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-3V-8101-EVS | MZ 57 475 | |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-3V-8100-EV | MZ 59 474 | |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-3V-8101-EVS | MZ 59 475 | |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8100-EV | MZ 34 248 | |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-V-8101-EVS | MZ 34 249 | |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8100-EV | MZ 33 248 | |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-V-8101-EVS | MZ 33 249 | |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8100-EV | MZ 36 248 | |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-V-8101-EVS | MZ 36 249 | |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8100-EV | MZ 35 248 | |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-V-8101-EVS | MZ 35 249 | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | | | |
|---|------------------|----|-----|-----|-------------|--------------------|---------------------|------------------|
| 3-polos 3-pole  | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-3V-8120-EV | MZ 57 484 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-3V-8121-EVS | MZ 57 485 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-3V-8120-EV | MZ 59 484 |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-3V-8121-EVS | MZ 59 485 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8120-EV | MZ 34 268 |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-V-8121-EVS | MZ 34 269 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8120-EV | MZ 33 268 |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-V-8121-EVS | MZ 33 269 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8120-EV | MZ 36 268 |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-V-8121-EVS | MZ 36 269 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8120-EV | MZ 35 268 |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-V-8121-EVS | MZ 35 269 |
| | | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-V-8120-EV | MZ 38 268 |
| | | 50 | 11 | 15 | ML1 | ne/pl bk/si | ML1-050-V-8121-EVS | MZ 38 269 |
| | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-V-8120-EV | MZ 40 268 | |
| | 63 | 11 | 15 | ML1 | ne/pl bk/si | ML1-063-V-8121-EVS | MZ 40 269 | |

| | | | | | | | | | |
|--|---------------|----|-----|-----|-----|-------------|------------------------|------------------|--|
| 3-polos+ 1NC +1NA 3-pole + 1NC + 1NO  | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-3V-8100-EV-HI | MZ 57 476 | |
| | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-3V-8101-EVS-HI | MZ 57 477 | |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-3V-8100-EV-HI | MZ 59 476 | |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-3V-8101-EVS-HI | MZ 59 477 | |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8100-EV-HI | MZ 34 250 | |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-V-8101-EVS-HI | MZ 34 251 | |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8100-EV-HI | MZ 33 250 | |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-V-8101-EVS-HI | MZ 33 251 | |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8100-EV-HI | MZ 36 250 | |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-V-8101-EVS-HI | MZ 36 251 | |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8100-EV-HI | MZ 35 250 | |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-V-8101-EVS-HI | MZ 35 251 | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | | | |
|--|------------------|----|-----|-----|-------------|-----------------------|------------------------|------------------|
| 3-polos+ 1NC +1NA 3-pole + 1NC + 1NO  | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-3V-8120-EV-HI | MZ 57 486 |
| | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-3V-8121-EVS-HI | MZ 57 487 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-3V-8120-EV-HI | MZ 59 486 |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-3V-8121-EVS-HI | MZ 59 487 |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8120-EV-HI | MZ 34 270 |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-V-8121-EVS-HI | MZ 34 271 |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8120-EV-HI | MZ 33 270 |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-V-8121-EVS-HI | MZ 33 271 |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8120-EV-HI | MZ 36 270 |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-V-8121-EVS-HI | MZ 36 271 |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8120-EV-HI | MZ 35 270 |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-V-8121-EVS-HI | MZ 35 271 |
| | | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-V-8120-EV-HI | MZ 38 270 |
| | | 50 | 11 | 15 | ML1 | ne/pl bk/si | ML1-050-V-8121-EVS-HI | MZ 38 271 |
| | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-V-8120-EV-HI | MZ 40 270 | |
| | 63 | 11 | 15 | ML1 | ne/pl bk/si | ML1-063-V-8121-EVS-HI | MZ 40 271 | |

| Esquema de contactos Contact arrangement | | Corriente I_{th} Rated Uninterrupted current I_{th} A | Potencia Rating AC 3 kW | Potencia Rating AC 23A kW | Serie Series | Mando/ Placa frontal handle/ front plate | Tipo Type | Nr. Parte Part # | |
|---|---|---|----------------------------------|------------------------------------|-----------------|---|--------------------------|------------------------|------------------|
| 4-polos 4-pole  | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-4V-8100-EV | MZ 57 774 | |
| | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-4V-8101-EVS | MZ 57 775 | |
| | | 32 | 9 | 9 | ML0 | rt/ge rd/ye | ML0-032-4V-8100-EV | MZ 59 774 | |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-4V-8101-EVS | MZ 59 775 | |
| | | 16 | 9 | 9 | ML1 | rt/ge rd/ye | ML1-016-V-8100-NV-EV | MZ 34 252 | |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-V-8101-NV-EVS | MZ 34 253 | |
| | | 25 | 7,5 | 11 | ML1 | rt/ge rd/ye | ML1-025-V-8100-NV-EV | MZ 33 252 | |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-V-8101-NV-EVS | MZ 33 253 | |
| | | 32 | 7,5 | 11 | ML1 | rt/ge rd/ye | ML1-032-V-8100-NV-EV | MZ 36 252 | |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-V-8101-NV-EVS | MZ 36 253 | |
| | | 40 | 11 | 15 | ML1 | rt/ge rd/ye | ML1-040-V-8100-NV-EV | MZ 35 252 | |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-V-8101-NV-EVS | MZ 35 253 | |
| | 4-polos 4-pole  | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-4V-8120-EV | MZ 57 784 |
| | | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-4V-8121-EVS | MZ 57 785 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-4V-8120-EV | MZ 59 784 | |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-4V-8121-EVS | MZ 59 785 | |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8120-NV-EV | MZ 34 272 | |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-V-8121-NV-EVS | MZ 34 273 | |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8120-NV-EV | MZ 33 272 | |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-V-8121-NV-EVS | MZ 33 273 | |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8120-NV-EV | MZ 36 272 | |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-V-8121-NV-EVS | MZ 36 273 | |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8120-NV-EV | MZ 35 272 | |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-V-8121-NV-EVS | MZ 35 273 | |
| | | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-V-8120-NV-EV | MZ 38 272 | |
| | | 50 | 11 | 15 | ML1 | ne/pl bk/si | ML1-050-V-8121-NV-EVS | MZ 38 273 | |
| | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-V-8120-NV-EV | MZ 40 272 | | |
| | 63 | 11 | 15 | ML1 | ne/pl bk/si | ML1-063-V-8121-NV-EVS | MZ 40 273 | | |
| 4-polos+ 1NC+1NA 4-pole + 1NC + 1NO  | 4xD25 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-4V-8100-EV-HI | MZ 57 776 | |
| | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-4V-8101-EVS-HI | MZ 57 777 | |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-4V-8100-EV-HI | MZ 59 776 | |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-4V-8101-EVS-HI | MZ 59 777 | |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8100-NV-EV-HI | MZ 34 254 | |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-V-8101-NV-EVS-HI | MZ 34 255 | |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8100-NV-EV-HI | MZ 33 254 | |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-V-8101-NV-EVS-HI | MZ 33 255 | |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8100-NV-EV-HI | MZ 36 254 | |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-V-8101-NV-EVS-HI | MZ 36 255 | |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8100-NV-EV-HI | MZ 35 254 | |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-V-8101-NV-EVS-HI | MZ 35 255 | |
| | 4-polos+ 1NC+1NA 4-pole + 1NC + 1NO  | 4xD32/20 + 2xD16 | 25 | 7,5 | 7,5 | ML0 | r/am rd/ye | ML0-016-4V-8120-EV-HI | MZ 57 786 |
| | | | 25 | 7,5 | 7,5 | ML0 | ne/pl bk/si | ML0-016-4V-8121-EVS-HI | MZ 57 787 |
| | | 32 | 9 | 9 | ML0 | r/am rd/ye | ML0-032-4V-8120-EV-HI | MZ 59 786 | |
| | | 32 | 9 | 9 | ML0 | ne/pl bk/si | ML0-032-4V-8121-EVS-HI | MZ 59 787 | |
| | | 16 | 9 | 9 | ML1 | r/am rd/ye | ML1-016-V-8120-NV-EV-HI | MZ 34 274 | |
| | | 16 | 9 | 9 | ML1 | ne/pl bk/si | ML1-016-V-8121-NV-EVS-HI | MZ 34 275 | |
| | | 25 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-025-V-8120-NV-EV-HI | MZ 33 274 | |
| | | 25 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-025-V-8121-NV-EVS-HI | MZ 33 275 | |
| | | 32 | 7,5 | 11 | ML1 | r/am rd/ye | ML1-032-V-8120-NV-EV-HI | MZ 36 274 | |
| | | 32 | 7,5 | 11 | ML1 | ne/pl bk/si | ML1-032-V-8121-NV-EVS-HI | MZ 36 275 | |
| | | 40 | 11 | 15 | ML1 | r/am rd/ye | ML1-040-V-8120-NV-EV-HI | MZ 35 274 | |
| | | 40 | 11 | 15 | ML1 | ne/pl bk/si | ML1-040-V-8121-NV-EVS-HI | MZ 35 275 | |
| | | 50 | 11 | 15 | ML1 | r/am rd/ye | ML1-050-V-8120-NV-EV-HI | MZ 38 274 | |
| | | 50 | 11 | 15 | ML1 | ne/pl bk/si | ML1-050-V-8121-NV-EVS-HI | MZ 38 275 | |
| | 63 | 11 | 15 | ML1 | r/am rd/ye | ML1-063-V-8120-NV-EV-HI | MZ 40 274 | | |
| | 63 | 11 | 15 | ML1 | ne/pl bk/si | ML1-063-V-8121-NV-EVS-HI | MZ 40 275 | | |

Datos técnicos

Interruptores de corte en carga
según. IEC60947-3, EN60947-3, GB/T14048

Specifications

Disconnect Switches
acc. IEC 60947-3, EN 60947-3, GB/T14048

ML0-016

ML0-032

| | | | | | | |
|---|-----------------|--|-----------------|-----------------|-----------------|------------------|
| Corriente de operación I_e | AC-21A/B | Rated operating current I_e | AC-21A/B | A | 25/- | 32/- |
| Voltaje de operación U_e | | Rated voltage U_e | | V | 690 | 690 |
| Corriente ininterrumpida térmica $I_u=I_{th}$ (abierto) | | Rated uninterrupted current (open) $I_u=I_{th}$ | | A | 25 | 32 |
| Corriente térmica convencional en caja I_{the} | | Conventional enclosed thermal current I_{the} | | A | 25 | 32 |
| Categoría de utilización | AC-22A/B | Service category | AC-22A/B | | | |
| Interruptor para motor | 690 V 3~ | | 690 V 3~ | A | 25/- | 32/- |
| Voltaje de aislamiento U_i (III/3) | | Rated insulation voltage U_i (III/3) | | V | 400 | 400 |
| Voltaje de aislamiento U_i (III/2) | | Rated insulation voltage U_i (III/2) | | V | 690 | 690 |
| Tensión al impulso U_{imp} | | Rated impulse withstand voltage U_{imp} | | kV | 6 | 6 |
| Capacidad de corte/establecimiento | | Making/breaking capacity | | | | |
| Categoría de utilización | AC-3 | Service category | AC-3 | | | |
| Interruptor para motores | 230 V 3~ | Motor switch | 230 V 3~ | kW / A | 5,0 18,5 | 5,5 20,0 |
| | 400 V 3~ | for optional | 400 V 3~ | kW / A | 7,5 15,5 | 9,0 18,5 |
| | 690 V 3~ | switching | 690 V 3~ | kW / A | 9,5 11,2 | 11,5 13,5 |
| Categoría de utilización | AC-23A/B | Service category | AC-23A/B | | | |
| Int. Para motores | 230 V 3~ | Motor switch | 230 V 3~ | kW / A | 5/- 18,5 | 5,5/- 20,0 |
| Int. principal | 400 V 3~ | Main switch | 400 V 3~ | kW / A | 7,5/- 15,5 | 9/- 18,5 |
| Int.mantenimiento | 690 V 3~ | Maintenance switch | 690 V 3~ | kW / A | 9/- 10,5 | 11/- 12,8 |
| Corriente condicional de cortocircuito | | Rated conditional short-circuit current | | kA | 10 (4-pl.) | 10 (4-pl.) |
| Corriente de cortocircuito de corta duración $I_{cw 1 sec}$ | | Rated short-time with stand current $I_{cw 1 sec}$ | | kA | | |
| Fusible Max. de respaldo clase servicio gG | | Max. Back up fuse Service class gG | | A | 35 | 35 |
| Sección de cable | | Terminal cross section | | | | |
| Rígido o trenzado | min./max. | single or multi-core | min./max. | mm ² | 1,5 - 10 | 1,5 - 10 |
| Trenzado con puntera | min./max. | finely stranded with sleeve | min./max. | mm ² | 1,5 - 6 | 1,5 - 6 |
| Tornillos terminal | | Terminal screws | | M | M4 | M4 |
| Par de apriete terminal | | Torque terminal screws | | NM | 1,2 | 1,2 |
| Vida útil mecánica | | Mechanical life | | | | |
| Ciclos de operación | | switching cycles | | | 50.000 | 50.000 |
| Temperatura ambiente | abierto | Ambient temperature | open | °C | +50/-25 | +50/-25 |
| max./min. | encapsulado | max./min. | encapsulated | °C | +40/-25 | +40/-25 |

LAS VENTAJAS DE LA NUEVA ENVOLVENTE SERIE 81xx

- Protección extrema contra rayos UV e intemperie para uso exterior
- Grado de protección IP66 / Resistencia a los impactos IK06
- Pretaladros para entradas de cable DIN IEC 62444 (4xD25 + 2xD16 oder 4xD32/20 + 2xD16)
- Frontal a prueba de errores demontaje con tornillos cautivos
- Posicionamiento seguro paramontaje
- Fácil de instalar
- Envolvente compacta y robusta
- Especialmente diseñada para los interruptores compactos de la serie MERZ ML0 y ML1
- Nuevo diseño demando optimizado (Diseño 2050/2051)
- Con accesorios EMC opcionales
- Con bloqueo de apertura a través del mando opcional
- Con contactos de neutro opcionales, tipo NV (ML1)
- Con contactos auxiliares opcionales, tipo HI

* Para cables con temperatura admisible mínima de . 90°C

** Para punteras tubulares de máximo de 25mm

*** Disponible bajo demanda para 690 V

Ofrecemos soluciones innovadoras a nuestros clientes, con productos de fabricación en serie o personalizados a la medida de sus necesidades

| ML1-016 | | ML1-025 | | ML1-032 | | ML1-040 | | ML1-050 | | ML1-063 | |
|-----------------|--|------------------|--|----------------|--|----------------|--|----------------|--|----------------|--|
| 16/- | | 25/- | | 32/- | | 40/- | | 50/- | | 63/- | |
| 690 | | 690 | | 690 | | 690 | | 690 | | 690 | |
| 16 | | 25 | | 32 | | 40 | | 50 | | 63 | |
| 16 | | 25 | | 32 | | 40 | | 50 | | 50 | |
| 16/- | | 25/- | | 32/- | | 40/- | | 50/- | | 63/- | |
| 690 | | 690 | | 690 | | 690 | | 690 | | 690 | |
| 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 3,0 12,0 | | 5,5 20,0 | | 5,5 20 | | 7,5 27 | | 7,5 27 | | 7,5 27 | |
| 5,5 12,0 | | 7,5 16,0 | | 9 18 | | 11 22 | | 11 22 | | 11 22 | |
| 5,5 7,0 | | 7,5 9,0 | | 9 10 | | 11 13 | | 11 13 | | 11 13 | |
| 5,0/- 16,0 | | 7,5/- 25,0 | | 9/- 32 | | 11/- 38 | | 11/- 38 | | 11/- 38 | |
| 9/- 16,0 | | 11/- 22,0 | | 11/- 22 | | 15/- 29 | | 15/- 29 | | 15/- 29 | |
| 9/- 10,0 | | 11/- 13,0 | | 11/- 13 | | 15/- 17 | | 15/- 17 | | 15/- 17 | |
| 10 (3-pl.) | | 10 (3-pl.) | | 10 (3-pl.) | | 10 (3-pl.) | | 10 (3-pl.) | | 10 (3-pl.) | |
| | | | | | | | | | | 5 | |
| 50 | | 50 | | 50 | | 50 | | 50 | | 50 | |
| 2,5 - 16 | | 2,5 - 16 | | 2,5 - 16 | | 2,5 - 16 | | 2,5 - 16 | | 2,5 - 16 | |
| 1,5 - 10 | | 1,5 - 10 | | 1,5 - 10 | | 1,5 - 10 | | 1,5 - 10 | | 1,5 - 10 | |
| M4 | | M4 | | M4 | | M4 | | M4 | | M4 | |
| 1,2 | | 1,2 | | 1,2 | | 1,2 | | 1,2 | | 1,2 | |
| 30.000 | | 30.000 | | 30.000 | | 30.000 | | 30.000 | | 30.000 | |
| +75/-25* | | +75/-25* | | +75/-25* | | +75/-25* | | +75/-25* | | +75/-25* | |
| +40/-25 | | +40/-25 | | +40/-25 | | +40/-25 | | +40/-25 | | +40/-25 | |

THE ADVANTAGES OF THE NEW ENCLOSURE 81xx - SERIES!

- Extremely UV and weather resistant, for outdoor use
- Protection class IP66 / Impact resistance level IK06
- Knockouts for cable entries according to DIN IEC 62444 (4xD25 + 2xD16 or 4xD32/20 + 2xD16)
- Cover mounting twist-proof with captive screws
- Secure positioning installation
- Easy to install
- Compact and very robust enclosure
- Especially designed for the MERZ Compact Switches ML0 and ML1
- New handle design - optimized handling (Design 2050/2051)

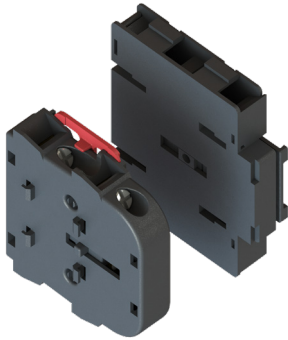
- With optional EMC accessories
- With optional cover locking
- With optional Neutral contact NV (ML1)
- With optional Auxiliary contact HI

* Use of conductors with a permissible temperature of at least 90°C.

** Connection with tubular cable lug, maximum permissible width 25 mm

*** Available on request for 690 V

We deliver
innovations to our
customers in series
and every possibility
for customized
individuality!



Contacto auxiliar 1NA+ 1NC

Ajustable a presión al lado derecho o izquierdo para la serie ML. Para ML1 se puede utilizar aún con un contacto tipo SK o NV preinstalado. Los contactos principales y los NA operan simultáneamente.

Auxiliary contact 1NO + 1NC

Snap on right or left side of series ML. For ML1 also usable if a SK- or NV contact is installed. Main contacts and NO contact simultaneous.

Número Máximo de contactos
Max. number of auxiliary contacts

| Serie/Series | derecha/right | izq/left | Total/Total |
|--------------|---------------|----------|-------------|
| ML0 | 1 | 1 | 1 |
| ML1 | 1 or 2 | 1 or 2 | 3 |

Tipo
Type

Best.Nr.
Part #

para ML0//for ML0

E- y V-Tipo//E- and V-typs
HI0

MZ 57 902

Montaje frontal

Front mounting

HI11-E

MZ 43 055

Montaje a fondo

Base mounting

HI11-V

MZ 43 056

Datos técnicos

Technical Data

Contactos auxiliares para las series ML0 y ML1

auxiliary switch for series ML0 to ML1

Contactos aux. según IEC 947-5-1

auxiliary switch acc. IEC 947-5-1

Corriente térmica ininterrumpida I_u abierta = I_{th}

Rated uninterrupted current I_u open = I_{th}

A

12

I_{the} encapsulada

I_{the} encapsulated

A

12

Voltaje de aislamiento U_i (III/3)

Rated insulation voltage U_i (III/3)

V

690

Tensión al impulso U_{imp} (III/3)

Rated impulse withstand voltage U_{imp} (III/3)

kV

6

Corriente operacional I_e AC-15

230 V

Rated operational current I_e

230 V

A

6

400 V

400 V

A

4

690 V

690 V

A

2

Capacidad máxima de cortocircuito, fusible (gL.)

short-circuit capacity. Max. fuse rating (gL.)

A

16

Corriente condicional de cortocircuito

Rated conditional short circuit current

kAeff

3

Sección del cable

Cable cross section

min. mm²

1

Rígido o trenzado

Solid or multi-stranded

max. mm²

4

Flexible con puntera

Flexible with ferule

min. mm²

1

(DIN 46228)

(DIN 46228)

max. mm²

2,5

Tornillos termianles (Pozidrive)

Terminal screws (Pozidrive)

Nm

M3

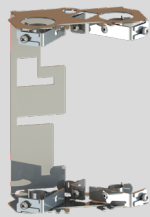
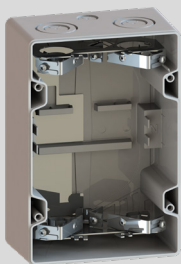
Par de apriete terminales

Torque terminal screws

Nm

0,6

Versión EMC Apantallamiento / EMC Version Shielding solution



Bloqueos de apertura / Cover locking

Paramandos EV/EVS
for EV/EVS handle

Paramandos con bloqueo
for lock ring



Diseño mandos / Design handle

EV/EVS

Sperrgriff/Lock ring



Contacto N N-Contact

ML1

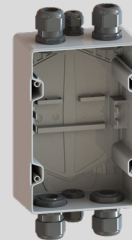
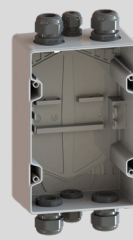


Prensa estopas / Cable glands

D16/D20

D16/D25


D16/D32



TAMBIÉN LE OFRECEMOS: *WHAT ELSE WE OFFER:*

Más catálogos de producto bajo las siguientes categorías:
Further product brochures on the following switch categories:

Interruptores de reparación
Repair and Maintenance Switches



Interruptores CD
DC Switches



Conmutadores
Cam Switches



Interruptores UVR
UVR Switches



Soluciones específicas
industriales
Industry-specific Solutions



Alguna consulta adicional?
Any questions?

Le ayudamos a conseguir el interruptor adecuado para su proyecto. No dude en ponerse en contacto con nosotros.

We also find for your project the right switch. Contact us.

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Switch to Quality!