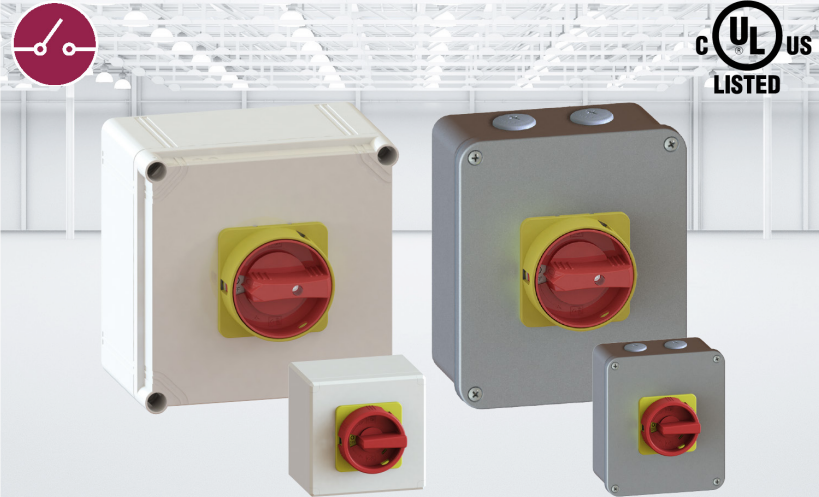


## Repair and Maintenance Switch Disconnect Switches ML1-3

- Main Switches
- Emergency-Off



Available colours for all housing designs

**UL50E Approved - NEMA Type 4X / IP 66**



**MERZ**

Schaltgeräte GMBH + CO KG

The current newsletter for  
innovative switchgear

[www.merz-schaltgeraete.de](http://www.merz-schaltgeraete.de)

**October 2019**

**19/4** | Disconnect Switch ML1, ML2, ML3  
UL50 Approved - NEMA Type 4X

**December 2019**

**19/5** | Christmas greetings

## Repair and Maintenance Switches

*As Main Switch or Emergency-Off Switch!*

Available in Polycarbonate- or Aluminium Enclosure  
-> Switch + Enclosure UL-listed

Complete-Types - Series ML 1-3 in Enclosure, IP / NEMA Type 4X



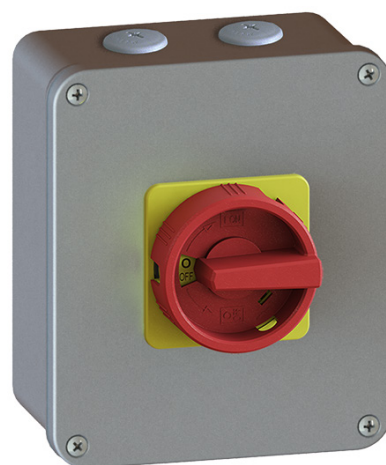
### 01 | Technical datas

AC 21 A		ML1 -025	ML1 -040	ML2 -063	ML2 -080	ML3 -125
Rated operating current $I_e$	A	25	40	63	80	125
Rated voltage $U_e$	V	690	690	690	690	690
Rated uninterrupted current (open) $I_u = I_{th}$	A	25	40	63	80	125
Conventional enclosed thermal current $I_{the}$	A	25	40	63	63	100
Rated insulation voltage $U_i$ Insulation group C under VDE 0110	V	690	690	690	690	690

## NEMA Type 4X



			ML1 -025	ML1 -040	ML2 -063	ML2 -080	ML3 -125
<i>Making/breaking capacity</i>							
<i>Service category AC3</i>	AC 3						
<i>Motor switch</i>	230 V 3~	kW	5,5	7,5	15	18,5	22
<i>for optional</i>	400 V 3~	kW	7,5	11	22	30	37
<i>switching</i>	690 V 3~	kW	7,5	11	22	30	45
<i>Service category AC23 A/B</i>		AC23 A/B					
<i>Motor switch</i>	230 V 3~	kW	7,5/-	11/-	-/18,5	-/22	-/25
<i>for optional</i>	400 V 3~	kW	11/-	15/-	-/30	-/37	-/45
<i>switching</i>	690 V 3~	kW	11/-	15/-	-/30	-/37	-/45
<i>Service category AC22 A/B</i>		AC22 A/B					
<i>Motor switch</i>	230 V 3~	A	25/-	40/-	63/-	-/-	-/-
<i>for optional</i>	400 V 3~	A	25/-	40/-	63/-	-/80	-/125
<i>switching</i>	690 V 3~	A	25/-	40/-	63/-	-/-	-/-



**UL50E**