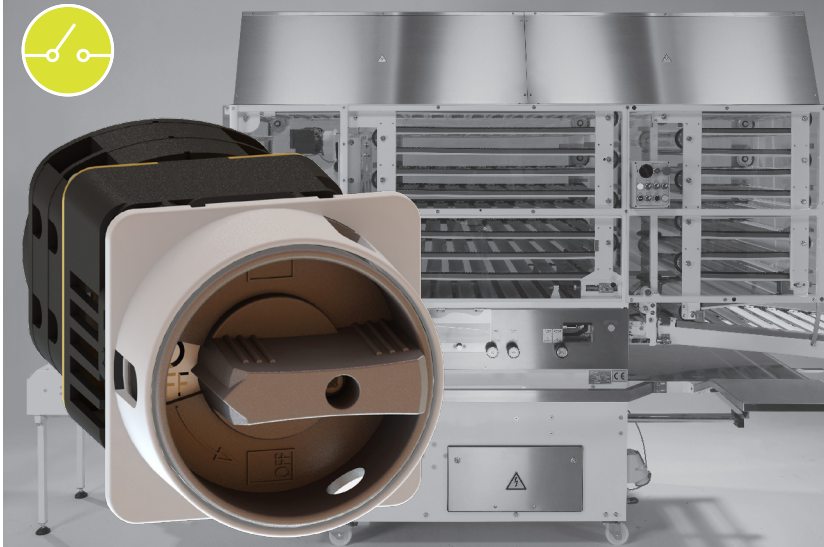


USPA - Main Switches with/without Emergency-OFF-Function for a power spectrum from 32A - 63A



MERZ SCHALTGERÄTE GMBH + CO KG



MERZ

Schaltgeräte GMBH + CO KG

The current newsletter for
innovative switchgear

www.merz-schaltgeraete.de

October 2021 |

21/4 | MERZ - Undervoltage release (UVR)

December 2021 |

21/5 | MERZ - Christmas Greetings

THE FUNCTION OF THE UNDERVOLTAGE RELEASE

The MERZ UVR-Switches with undervoltage release are available for a power range to 22 kW (AC23 / 400V 3~) Colors : ● ● ● ●

The undervoltage release switch (UVR) is an electromechanical device which automatically shuts down when the supply voltage falls below a certain value. In such case the handle moves back to the OFF-position, so that the switch must be switched on again after the voltage returns.

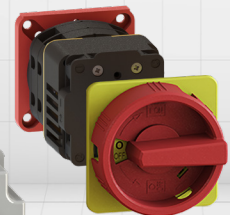
The switch is designed to open its contacts (release-free) even though the handle is eventually blocked. The undervoltage release is required in many countries especially for machines with rotating tools.

Cam Switches with UVR - MN151 (32A) / MN251 (40A) / MN451 (63A)
Design as Front mounting, Door/Cover coupling and in Enclosure.

Front mounting



Base mounting /
Door coupling



Enclosure



Undervoltage release (acc. EN60947-1)

- Pick-up = % from $U_c \geq 85$
- Drop-out = % from $U_c 35...75$
- Operation continues = % from $U_c 100$
- Also available as ON-OFF Switch with UVR!

2-pole UVR 230V AC
3-pole UVR 230V AC
3-pole UVR 400V AC
4-pole UVR 230V AC
4-pole UVR 400V AC

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

