Advantages of residual current circuit breakers with integral overcurrent protection KZS - 1M

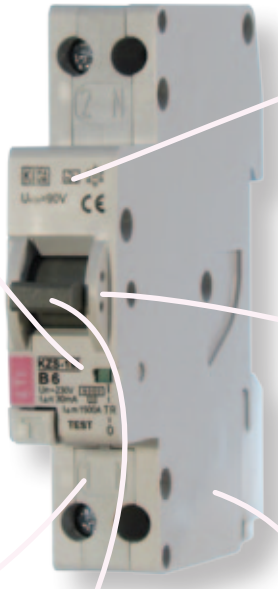
→ Combining the features of miniature circuit breaker and a residual current circuit breaker, functionally dependent on line voltage (minimum supply voltage 90V)

→ Real contact position indication for easier identification, whether RCBO is in ON or OFF position

→ Energy limiting class 3: highest energy limiting performance for optimal protection of cable insulation and maximally reducing risk of fire and other damage

→ 1-module housing (18 mm), with switched neutral line

→ Clearly marked terminals to ensure appropriate connection

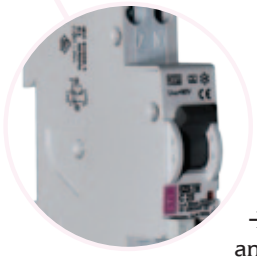


→ In case of overcurrent or differential current, the button moves to the "trip" (middle) position. In case of manual turn off, the button moves to the "off" (lowest) position.

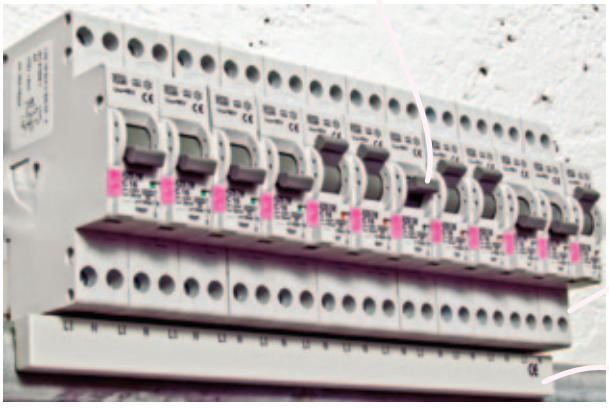
→ Version with operating temperature down to -35° C also available

→ Added protection against any pulsating DC component that can be generated from electrical appliances

→ Sealing possibility



→ All necessary technical and installation information can be found on the front and side of the device

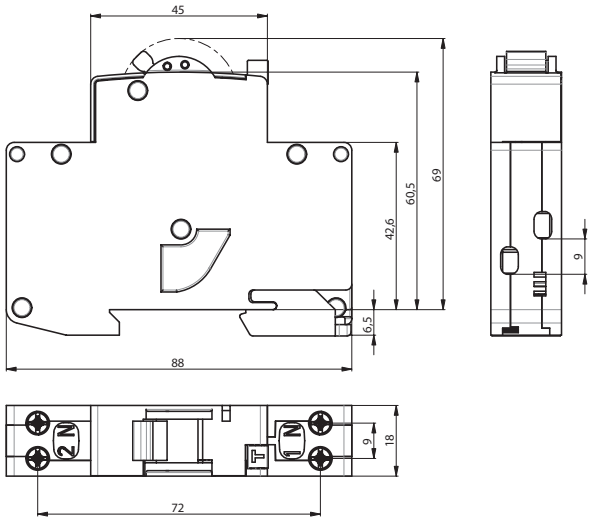


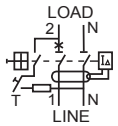
→ The terminals accept not only wires but also time saving busbars

→ Advanced method of mounting enables an easy removal of single RCBO without disconnecting other units from the busbar

Residual current circuit breaker with integral overcurrent protection KZS -1M

Technical data	
Rated voltage U_n	230 V AC
Rated current I_n	6-25 A
Minimal supply voltage U_{min}	90 V
Rated frequency f_n	50 Hz
Rated short-circuit capacity	6.000 A
Back-up fuse	100 A gG
Tripping characteristic	B, C
Rated residual current $I_{\Delta n}$	10, 30, 100 mA
Type of residual release	A
Rated residual making and breaking capacity $I_{\Delta m}$	1500A
Terminals	1-10 mm^2, max. 1,5Nm
Width	18 mm
Standard	IEC 61009





Description - KZS -1M is a residual current circuit breaker with integral over-current protection, functionally dependent on line voltage.

Recommended for use in installations with high level of additional protection required (bathrooms, hospitals, kindergartens etc).
Used for fault and additional protection.