

# B type RCCBs Ex9LB63

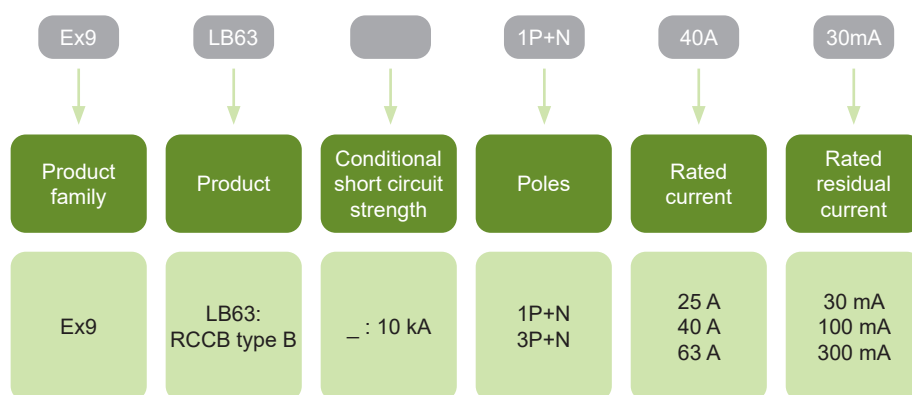


- Residual Current Circuit Breakers according to IEC/EN 61008-1 and IEC/EN 62423
- Cond. rated short circuit strength  $I_{nc}$  10 kA
- B type
- 2 and 4-pole versions
- Rated residual current 30, 100 and 300 mA
- Rated current up to 63 A
- Rated operational voltage 230/400 V AC
- Indication of electrical tripping
- Suitable for applications from -25 to +40 °C

Residual current circuit breakers B type Ex9LB63 are suitable for domestic as well as industrial applications, where are used frequency inverters, PV plant, EV chargers and similar elements. B type provides a sensitivity to residual AC, pulsating and smooth DC current, together with high frequencies up to 1 kHz.

They are based on electronic technology, which brings advantages of more accurate measuring of residual current and, as a consequence, reduction of unwanted tripping. These devices also do not suffer with magnetization of the tripping unit. Thus, there is no mandatory testing period, but they must be tested regularly. On this testing period local law or regulations may apply. Recommend is to test it every 6 months in fair environment and every month in heavy condition.

## Type Key



## Certification marks



# B type RCCBs Ex9LB63

## B type, 2-pole

- B type - sensitivity to residual AC, pulsating and smooth DC current, high frequency up to 1 kHz
- Without time delay
- Surge current-proof 3000 A
- 30 mA version suitable for protection of people in case of direct and indirect contact with live parts and exposed conductive parts during a fault, respectively



Rated current	Rated residual current	Poles	Article No.	Type	Packing
25 A	30 mA	2	110212	Ex9LB63 1P+N 25A 30mA	1/72
40 A	30 mA	2	110213	Ex9LB63 1P+N 40A 30mA	1/72
63 A	30 mA	2	110214	Ex9LB63 1P+N 63A 30mA	1/72
25 A	100 mA	2	110215	Ex9LB63 1P+N 25A 100mA	1/72
40 A	100 mA	2	110216	Ex9LB63 1P+N 40A 100mA	1/72
63 A	100 mA	2	110217	Ex9LB63 1P+N 63A 100mA	1/72
25 A	300 mA	2	110218	Ex9LB63 1P+N 25A 300mA	1/72
40 A	300 mA	2	110219	Ex9LB63 1P+N 40A 300mA	1/72
63 A	300 mA	2	110220	Ex9LB63 1P+N 63A 300mA	1/72

## B type, 4-pole



Rated current	Rated residual current	Poles	Article No.	Type	Packing
25 A	30 mA	4	110221	Ex9LB63 3P+N 25A 30mA	1/45
40 A	30 mA	4	110222	Ex9LB63 3P+N 40A 30mA	1/45
63 A	30 mA	4	110223	Ex9LB63 3P+N 63A 30mA	1/45
25 A	100 mA	4	110224	Ex9LB63 3P+N 25A 100mA	1/45
40 A	100 mA	4	110225	Ex9LB63 3P+N 40A 100mA	1/45
63 A	100 mA	4	110226	Ex9LB63 3P+N 63A 100mA	1/45
25 A	300 mA	4	110227	Ex9LB63 3P+N 25A 300mA	1/45
40 A	300 mA	4	110228	Ex9LB63 3P+N 40A 300mA	1/45
63 A	300 mA	4	110229	Ex9LB63 3P+N 63A 300mA	1/45

# Smart Energy Meters Ex9EMS



- Smart Energy Meters according to EN 50470-1/3
- MID certification
- Mounting on DIN rails
- Operating voltage Ue 230/400 V AC
- Fixed rated current or adjustable by CT
- 1 or 2-tariff versions
- LCD display
- Optional M-Bus or ModBus communication
- 1, 2 or 4-module width versions
- Infrared eye
- Software and hardware for IR communication

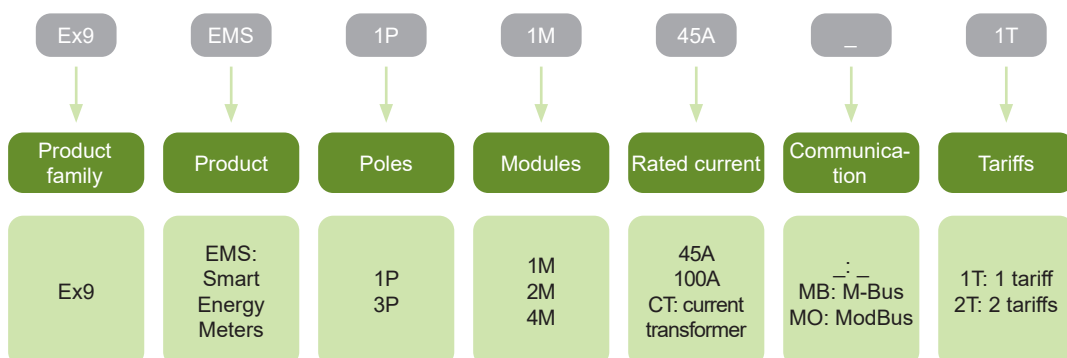
Energy Meters Ex9EMS are smart meters of electric energy. We provide wide range of types with various parameters. Rated current can be fixed or adjustable by Current Transformer. LCD display is a matter of course together with infrared eye for easy read out. Possibility of M-Bus or ModBus communication do from energy meters proper smart device.

Installation Smart Energy Meters Ex9EMS are suitable for residential and industrial applications. The biggest advantage is mounting on DIN rails inside consumer units. They will find their use everywhere where it is needed to count consumed energy.

We offer even cable for IR communication and software can be downloaded from our website.

Energy meters are offered in 1, 2 or 4-modules width versions.

## Type Key



## Certification marks

