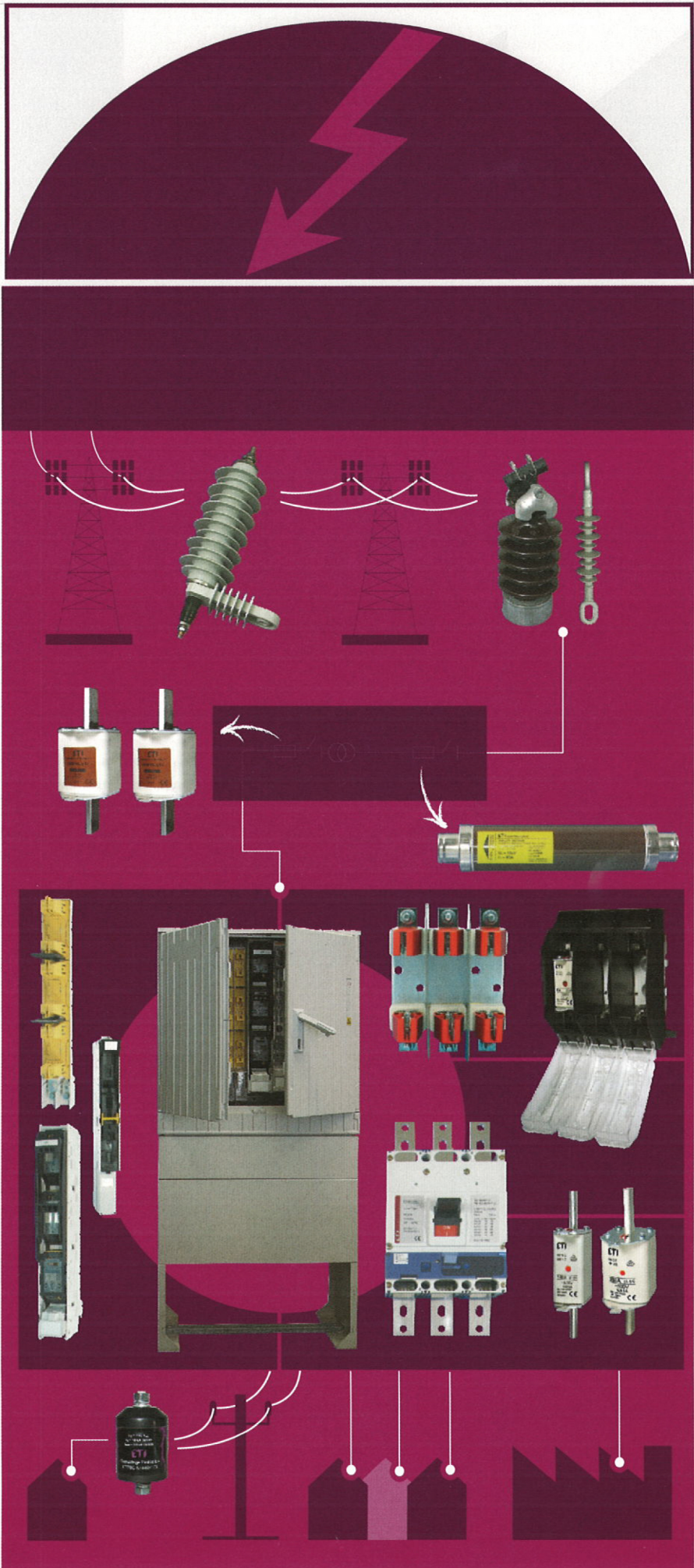


## ELECTRIC POWER DISTRIBUTION

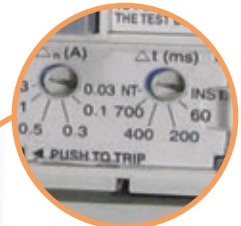
ETI provides high-quality solutions for the protection of low and high-voltage electrical installations in the field of electric power distribution. We supply a wide range of high-voltage fuse-links of the type VV, low voltage power circuit breakers ETIBREAK, distribution cabinets KVS, medium voltage surge arresters ETISURGE and ceramic as well as polymeric insulators. The products are internationally certified and carry several quality marks.



# Low voltage moulded case circuit breakers with residual current protection

## Main features and advantages

Breaking capacities as on MCCBs



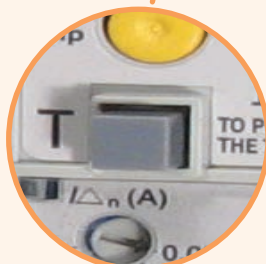
Adjustable residual current tripping thresholds between 30mA and 3A. Adjustable time delay for residual current protection between 60ms and 700ms including INST (instantaneous) and NT (No Trip).



Type A: Tripping is ensured for residual sinusoidal AC in the presence of residual pulsating DC.



Voltage Presence LED Indicator and Trip Indicator (the yellow button pops up to indicate tripping due to residual current)



Test Button (to test the residual current detection and tripping system)



Dielectric test device plug (to allow dielectric testing with the EB2R closed - ON)



Adjustable overload protection  $I_R$  can be set between 63% and 100% of  $I_n$





MW



PRS2



NPI



ZB2 Straight

**Accessories for EB2, ED2 400 and EB2, ED2 630**

	Code No	Poles	Packaging [pcs]
Slide mechanical interlock, MS 630 3P, MO or RO assembly not possible	004671233	3p	1
Slide mechanical interlock, MS 630 4P, MO or RO assembly not possible	004671234	4p	1
Link mechanical interlock, MLR 630 right, MO or RO assembly possible	004671235	3p, 4p	1
Link mechanical interlock, MLL 630 left 3p, MO or RO assembly possible	004671236	3p	1
Link mechanical interlock, MLL 630 left 4p, MO or RO assembly possible	004671237	4p	1
Wire mechanical interlock, MW 630, mechanism, MO or RO assembly possible	004671238	3p, 4p	1

Link mechanical interlock configuration; MLR\_right + MLL\_left

Wire mechanical interlock configuration; 2xMW\_mech. + MW\_cable

**Accessories for EB2, ED2 400 and EB2, ED2 630**

	Code No	Poles	Packaging [pcs]
Handle locks, ZA2 400/1000	004671239	3p, 4p	1
Terminal cover lock, PZ 125-630AF	004672400	3p, 4p	1
Terminal cover, PRS2 630/3, front	004671240	3p	1
Terminal cover, PRS2 630/4, front	004671241	4p	1
Terminal cover, PRS2-SP 630/3, cable clamps	004671242	3p	1
Terminal cover, PRS2-SP 630/4, cable clamps	004671243	4p	1
Interpol barrier, IZ2 400-1600	004671244	3p, 4p	1
Lateral block, LTBL 400-1000, left	004671245	3p, 4p	1
Lateral block, LTBR 400-1000, right	004671246	3p, 4p	1
Door Flange, PR2 400-630	004671449	3p, 4p	1

**Accessories for EB2, ED2 400 and EB2, ED2 630**

	Code No	Poles	Packaging [pcs]
Fixed plug-in 3-p, NPF 400-630	004671466	3p	1
Fixed plug-in 4-p, NPF 400-630	004671467	4p	1
Plug-in Conversion 3-p, NPI 400-630AF - 400A 3p	004671468	3p	1
Plug-in Conversion 4-p, NPI 400-630AF - 400A 4p	004671469	4p	1
Plug-in Conversion 3-p, NPI 400-630AF - 630A 3p	004671487	3p	1
Plug-in Conversion 4-p, NPI 400-630AF - 630A 4p	004671488	4p	1
Extension terminal for fixed Plug-in 3-p, SK3 400-630	004671470	3p	set = 3 pcs
Extension terminal for fixed Plug-in 4-p, SK4 400-630	004671471	4p	set = 4 pcs

- at 630A plug-in Conversion is max Rated current 504A at 50°C and 535,5A at 30°C and 40°C

- basic configuration: fixed plug-in + plug-in conversion

- extension terminals is used when fixed part of plug-in is under mounting plate - not used for basic configuration

- if additional accessories are installed in MCCB, plugs and sockets (PSPSS, PSHUV and PIO) are required,

**Accessories for EB2, ED2 800**

	Code No	Poles	Packaging [pcs]
Attach busbar, ZB2 S800-630/3 Straight	004672320	3p	set = 3 pcs
Attach busbar, ZB2 S800-630/4 Straight	004672321	4p	set = 4 pcs
Attach busbar, ZB2 S800-800/3 Straight	004672322	3p	set = 3 pcs
Attach busbar, ZB2 S800-800/4 Straight	004672323	4p	set = 4 pcs

## External accessories

**IZ** – Interpole barrier. Installed between MCCB terminal, which increases the distance between poles to reduce the possibility of creepage.

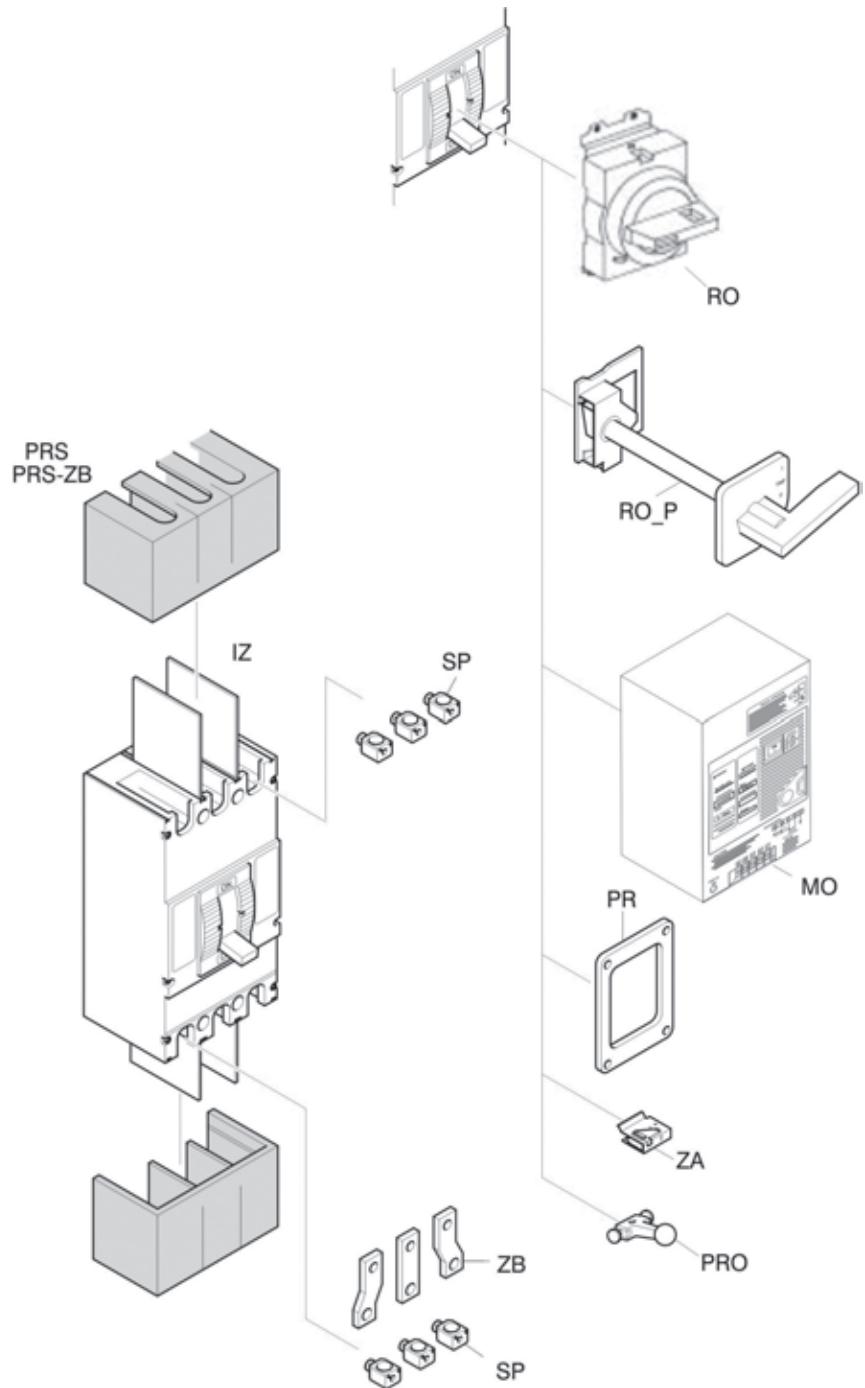
**PRS** – Terminal cover. The terminal covers are applied to the MCCB to prevent accidental contact with live parts and thereby protection against direct contact.

**PRS-ZB** – Terminal cover for att. Busbar. The terminal covers are applied to the MCCB to prevent accidental contact with live parts and thereby protection against direct contact. The width is different because of attach busbar.

**SP** – Solderless terminal

**RO** – Operating handle, breaker mounted. It's used when MCCB is installed in control centre/switchboard

**RO\_P** – Operating handle, panel mounted, variable depth. This consists of an operating mechanism mounted on the breaker, an operating handle mounted on the panel door and a square shaft to connect the mechanism with the handle.



**MO** – Motor operator. Enabling to switch MCCB ON or OFF remotely.

**PR** – Door flange. Accessory for mounting on panel door.

**ZA** – Handle lock. Enables the MCCB to be padlocked in neither the ON or OFF position.

**ZB** – Attach busbar. Used for easier installation on busbar systems (widen terminals).

**PRO** – Handle extension. Used for easier manipulation ON/OFF at bigger MCCB's.