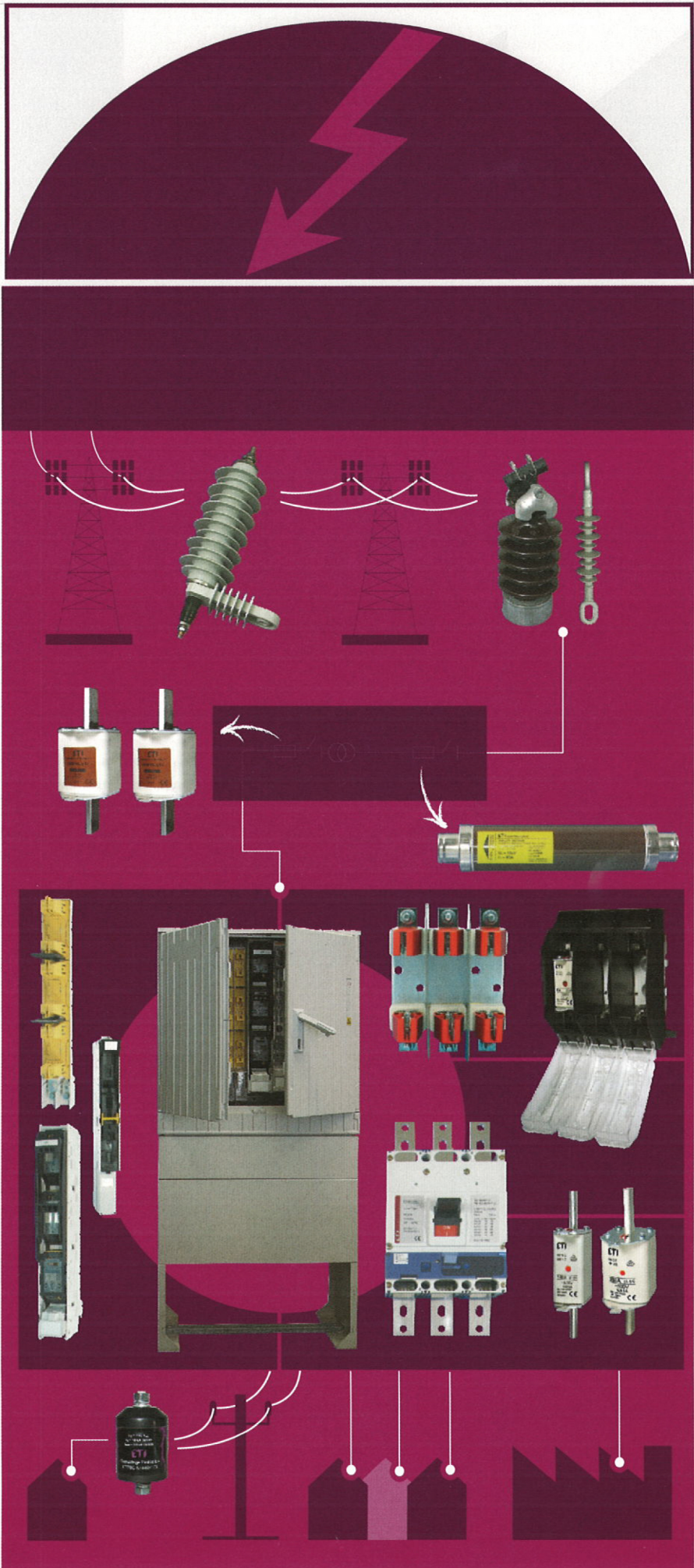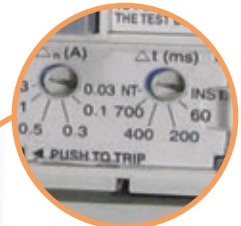# ETI

solutions

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 brekares 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.

ENERGY

Low voltage moulded case circuit breakers with residual current protection

Main features and advantages

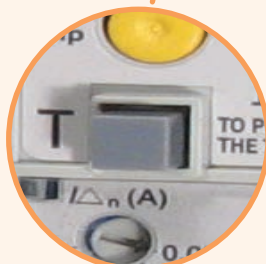Breaking capacities as on MCCBs

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)

Adjustable overload protection Ir can be set between 63% and 100% of In

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

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

339

Accessories

Accessories for EB2, ED2 160 and EB2, ED2 250

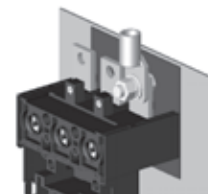|	Code No	Poles	Packaging [pcs]
Interpol barrier, IZ2 250	004671211	3p, 4p	1
Lateral block, LTBL 250, left	004671212	3p. 4p	1
Lateral block, LTBR 250, right	004671213	3p, 4p	1
Fixed plug-in 3-p, NPF 250	004671460	3p	1
Fixed plug-in 4-p, NPF 250	004671461	4p	1
Plug-in Conversion 3-p, NPI 250 for use with EB2 160/3S, 250/3L_S	004671462	3p	1
Plug-in Conversion 4-p, NPI 250 for use with EB2 160/4S, 250/4L_S	004671463	4p	1
Plug-in Conversion 3-p, NPI 250_E for use with EB2 250/3E	004671485	3p	1
Plug-in Conversion 4-p, NPI 250_E for use with EB2 250/4E	004671486	4p	1
Extension terminal for fixed Plug-in 3-p, SK3 250	004671464	3p	set = 3 pcs
Extension terminal for fixed Plug-in 4-p, SK4 250	004671465	4p	set = 4 pcs

- 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,
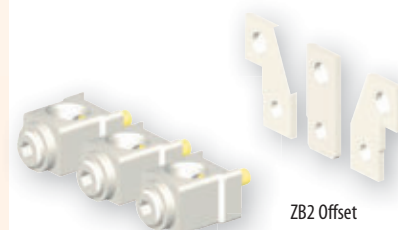

IZ2

SK3

Accessories for EB2, ED2 400 and EB2, ED2 630

	Code No	Poles	Packaging [pcs]
Attach busbar, ZB2 400/3 Offset	004671221	3p	set = 3 pcs
Attach busbar, ZB2 400/4 Offset	004671222	4p	set = 4 pcs
Attach busbar, ZB2 400/3 Straight	004671326	3p	set = 3 pcs
Attach busbar, ZB2 630/3 Straight	004671223	3p	set = 3 pcs
Attach busbar, ZB2 ZB2 630/3 Offset	004671220	3p	set = 3 pcs
Attach busbar, ZB2 630/4 Offset	004671224	4p	set = 4 pcs
Solderless Terminal, SP2 400/3	004671225	3p	set = 3 pcs
Solderless Terminal, SP2 400/4	004671226	4p	set = 4 pcs
Rear connections, RC2 400/3	004671247	3p	3
Rear connections, RC2 400/4	004671248	4p	4
Rear connections, RC2 630/3	004671249	3p	3
Rear connections, RC2 630/4	004671250	4p	4

ZB2 Offset

SP2

RC2

Accessories for EB2, ED2 400 and EB2, ED2 630

	Code No	Poles	Packaging [pcs]
Motor Operator, MO2 630, AC100-240V	004671227	3p, 4p	1
Motor Operator, MO2 630 DC24V	004671441	3p, 4p	1
Motor Operator, MO2 630 DC100-120V	004671442	3p, 4p	1
Motor Operator, MO2 630, AC100-240V, reset	004671228	3p, 4p	1
Motor Operator, MO2 630 DC24V, reset	004671443	3p, 4p	1
Motor Operator, MO2 630 DC100-120V, reset	004671444	3p, 4p	1

MO2

Accessories for EB2, ED2 400 and EB2, ED2 630

	Code No	Poles	Packaging [pcs]
Breaker mounted handle IP3X, RO2 630, black	004671229	3p, 4p	1
Breaker mounted handle IP3X, RO2 630, keylock, black	004671230	3p, 4p	1
Breaker mounted handle IP3X, RO2 630, red	004671445	3p, 4p	1
Breaker mounted handle IP3X, RO2 630, keylock, red	004671446	3p, 4p	1
Door mounted handle IP55, RO2 630 P, black	004671231	3p, 4p	1
Door mounted handle IP65, RO2 630P, black	004671232	3p, 4p	1
Door mounted handle IP55, RO2 630P, red	004671447	3p, 4p	1
Door mounted handle IP65, RO2 630P, red	004671448	3p, 4p	1

Handle operating mechanism can be padlocked in OFF

IP55, RO2P

ETIBREAK

Technical data on page 375

External accessories

IZ – Interpole barrier. Installed between MCCB teminal, which increases the distance between poles to reduce the possibility of creepage.
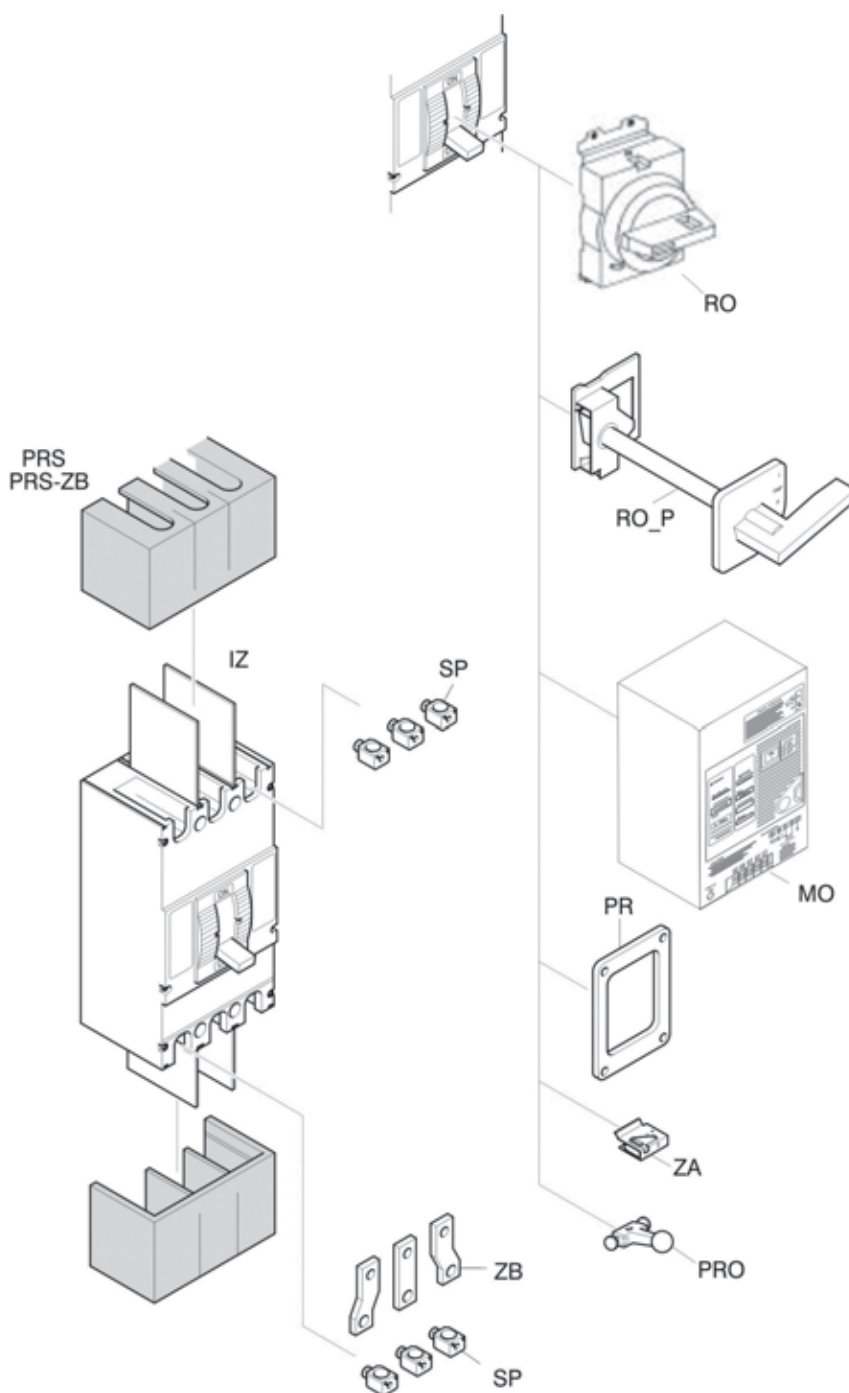
PRS – Terminal cover. The terminal covers are applied to the MCCB to prevent accidental contact with live parts and thereby protection against direct contact.

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 remotly.
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 instalation on busbar systems (widen terminals).
PRO – Handle extension. Used for easier manipulation ON/OFF at bigger MCCB's.

ETIBREAK