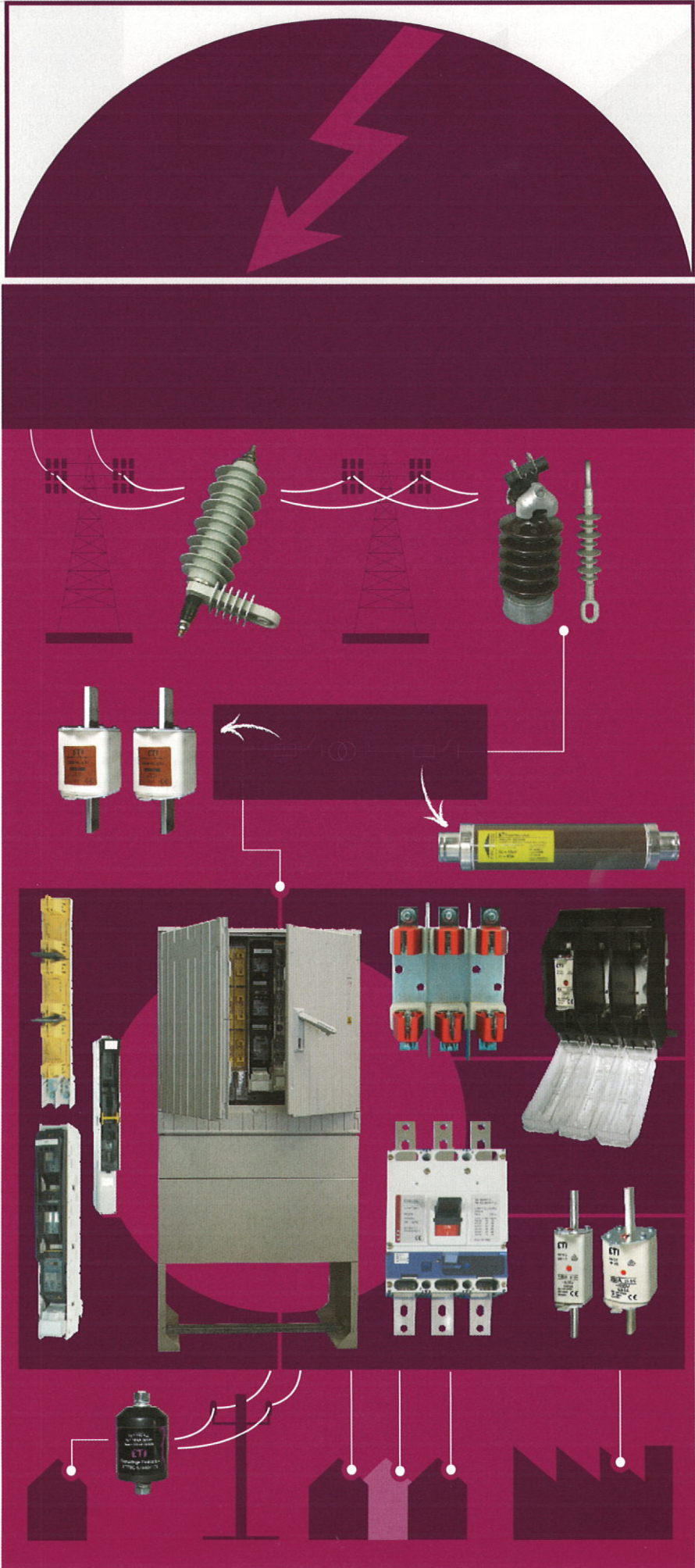


ELECTRIC POWER DISTRIBUTION

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.





ETIBREAK EB2 400

| Type | I_n [A] | Code No. | Poles | I_{cu}/I_{cs} 400/415V [kA] | Adjustment thermal/magnetic | Weight [kg] | Packaging [pcs] |
|-------------------------|--------------|-----------|-------|-------------------------------------|--------------------------------|----------------|--------------------|
| EB2 400/3E 250A 3p | 250 | 004671111 | 3 | 50/50 | 0,4-1/adjust. | 4,3 | 1 |
| EB2 400/3E 400A 3p | 400 | 004671112 | | | | | |
| EB2 400/3E 400A 3p APG | 400 | 004671115 | | | | | |
| EB2 400/4E 250A 4p | 250 | 004671113 | 4 | 50/50 | 0,4-1/adjust. | 5,7 | 1 |
| EB2 400/4E 400A 4p | 400 | 004671114 | | | | | |
| EB2 400/4E 400A 4p APGN | 400 | 004671116 | | | | | |

ETIBREAK EB2 400 LCD

| Type | I_n [A] | Code No. | Poles | I_{cu}/I_{cs} 400/415V [kA] | Adjustment thermal/magnetic | Weight [kg] | Packaging [pcs] |
|--------------------------------|--------------|-----------|-------|-------------------------------------|--------------------------------|----------------|--------------------|
| EB2 400/3LCD 250A 3p A | 250 | 004672144 | 3 | 50/50 | 0,4-1 / adjust. | 4,3 | 1 |
| EB2 400/3LCD 250A 3p APCWH | 250 | 004672145 | | | | | |
| EB2 400/3LCD 400A 3p A | 400 | 004672146 | | | | | |
| EB2 400/3LCD 400A 3p APCWH | 400 | 004672147 | | | | | |
| EB2 400/4LCD 250A 4p A | 250 | 004672148 | 4 | 50/50 | 0,4-1 / adjust. | 5,7 | 1 |
| EB2 400/4LCD 250A 4p AGN | 250 | 004672290 | | | | | |
| EB2 400/4LCD 250A 4p APGNS | 250 | 004672154 | | | | | |
| EB2 400/4LCD 250A 4p APCWH | 250 | 004672155 | | | | | |
| EB2 400/4LCD 250A 4p APGNSCWH | 250 | 004672291 | | | | | |
| EB2 400/4LCD 400A 4p A | 400 | 004672156 | | | | | |
| EB2 400/4LCD 400A 4p AGN | 400 | 004672292 | | | | | |
| EB2 400/4LCD 400A 4p APGNS | 400 | 004672157 | | | | | |
| EB2 400/4LCD 400A 4p APCWH | 400 | 004672158 | | | | | |
| EB2 400/4LCD 400A 4p APGNSCWH | 400 | 004672293 | | | | | |
| EB2 400/4HLCD 250A 4p AGN | 250 | 004672295 | 4 | 70/70 | 0,4-1 / adjust. | 5,7 | 1 |
| EB2 400/4HLCD 250A 4p APGNSCWH | 250 | 004672296 | | | | | |
| EB2 400/4HLCD 400A 4p AGN | 400 | 004672297 | | | | | |
| EB2 400/4HLCD 400A 4p APGNSCWH | 400 | 004672298 | | | | | |



ETIBREAK EB2 630

| Type | I_n [A] | Code No. | Poles | I_{cu}/I_{cs} 400/415V [kA] | Adjustment thermal/magnetic | Weight [kg] | Packaging [pcs] |
|--------------------------|--------------|-----------|-------|-------------------------------------|--------------------------------|----------------|--------------------|
| EB2 630/3LE 630A 3p | 630 | 004671121 | 3 | 36/36 | 0,4-1/adjust. | 3,75 | 1 |
| EB2 630/4LE 630A 4p | 630 | 004671122 | 4 | | | 4,95 | |
| EB2 630/4LE 630A 4p APGN | 630 | 004671123 | 4 | | | 6,5 | |
| EB2 630/3E 630A 3p | 630 | 004671127 | 3 | 50/50 | 0,4-1/adjust. | 3,75 | 1 |
| EB2 630/4E 630A 4p | 630 | 004671128 | 4 | | | 4,95 | |
| EB2 630/4E 630A 4p APGN | 630 | 004671129 | 4 | | | 6,5 | |
| EB2 630/3HE 630A 3p | 630 | 004672140 | 3 | 70/70 | 0,4-1/adjust. | 3,75 | 1 |
| EB2 630/4HE 630A 4p | 630 | 004672141 | 4 | | | 4,95 | |

Technical data

| Product series | description | unit | condition | EB2 400 | | EB2 400 | | EB2 630 | | | |
|--|-------------|--------|-------------|-------------------------|----------|----------|-------|----------|--------|-------|--|
| Model-type | | | | L | S | E, LCD | HLCD | LE, LLCD | E, LCD | HE | |
| Number of poles | | | | 3, 4 | 3, 4 | 3, 4 | 4 | 3, 4 | 3, 4 | 3, 4 | |
| Nominal current ratings | | | | | | | | | | | |
| | I_n | (A) | 50°C | 250, 400 | 250, 400 | 250, 400 | | 630 | 630 | 630 | |
| Electrical characteristics | | | | | | | | | | | |
| Rated operational voltage | U_e | (V) | AC 50/60 Hz | 525 | 690 | 690 | 690 | 690* | 690* | 690* | |
| | | | DC | 250 | 250 | - | - | - | - | - | |
| Rated insulation voltage | U_i | (V) | | 800 | 800 | 800 | 800 | 800 | 800 | 800 | |
| Rated impulse withstand voltage | U_{imp} | (kV) | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| Ultimate breaking capacity | | | | | | | | | | | |
| (IEC, JIS, AS/NZS) | I_{cu} | (kA) | 690V AC | - | 20 | 20 | 20 | 10* | 20* | 20* | |
| | | | 525V AC | 15 | 30 | 30 | 30 | 15 | 30 | 30 | |
| | | | 440V AC | 22 | 45 | 45 | 65 | 25 | 45 | 65 | |
| | | | 400/415V AC | 25 | 50 | 50 | 70 | 36 | 50 | 70 | |
| | | | 220/240V AC | 35 | 85 | 85 | 100 | 50 | 85 | 100 | |
| | | | 250V DC | 25 | 40 | - | - | - | - | - | |
| Service breaking capacity | | | | | | | | | | | |
| (IEC, JIS, AS/NZS) | I_{cs} | (kA) | 690V AC | - | 15 | 15 | 15 | 10* | 15* | 15* | |
| | | | 525V AC | 15 | 30 | 30 | 30 | 15 | 30 | 30 | |
| | | | 440V AC | 22 | 45 | 45 | 50 | 25 | 45 | 50 | |
| | | | 400/415V AC | 25 | 50 | 50 | 50 | 36 | 50 | 50 | |
| | | | 220/240V AC | 35 | 85 | 85 | 85 | 50 | 85 | 85 | |
| | | | 250V DC | 19 | 40 | - | - | - | - | - | |
| Rated breaking capacity (NEMA) | | | | | | | | | | | |
| | | (kA) | 480V AC | 15 | 25 | 25 | 30 | 15 | 25 | 30 | |
| | | | 240VAC | 35 | 85 | 85 | 100 | 50 | 85 | 100 | |
| Rated short-time withstand current | | | | | | | | | | | |
| | I_{cw} | (kA) | 0.3 s | - | - | 5 | 5 | - | - | - | |
| Protection | | | | | | | | | | | |
| Adjustable thermal, adjustable magnetic | | | | ■ | ■ | | | | | | |
| Fixed thermal, fixed magnetic | | | | | | | | | | | |
| Microprocessor | | | | | | ■ | ■ | ■ | ■ | ■ | |
| Utilisation category | | | | A | A | B | B | A | A | A | |
| Installation | | | | | | | | | | | |
| Front connection | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| Attached flat bar | | | | • | • | • | • | • | • | • | |
| Solderless terminal (cable clamp) | | | | • | • | • | • | - | - | - | |
| Rear connection | | | | • | • | • | • | - | - | - | |
| Plug-in | | | | • | • | • | • | - | - | - | |
| Draw-out | | | | • | • | • | • | - | - | - | |
| DIN rail mounting | | | | - | - | - | - | - | - | - | |
| Dimensions | | | | | | | | | | | |
| | h | (mm) | | 260 | 260 | 260 | 260 | 260 | 260 | 260 | |
| | w | (mm) | 3 pole | 140 | 140 | 140 | - | 140 | 140 | 140 | |
| | | (mm) | 4 pole | 185 | 185 | 185 | 185 | 185 | 185 | 185 | |
| | d | (mm) | | 103 | 103 | 103 | 103 | 103 | 103 | 103 | |
| Weight | | | | | | | | | | | |
| | W | (kg) | 3 pole | 4.2 | 4.2 | 4.3 | - | 5.0 | 5.0 | 5.0 | |
| | | | 4 pole | 5.6 | 5.6 | 5.7 | 5.7 | 6.5 | 6.5 | 6.5 | |
| Operation | | | | | | | | | | | |
| Direct Opening Action | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| Toggle operation | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| Variable depth / direct mount operating handle | | | | • | • | • | • | • | • | • | |
| Motor operator | | | | • | • | • | • | • | • | • | |
| Endurance | | | | | | | | | | | |
| | Electrical | cycles | 415V AC | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | |
| | Mechanical | cycles | | 15000 | 15000 | 15000 | 15000 | 15000 | 15000 | 15000 | |
| Standards | | | | | | | | | | | |
| | | | | IEC 60947-2, EN 60947-2 | | | | | | | |

■ Standard • Optional - Not Available

* MCCB can not be used in IT system at this voltage