

ETIBREAK

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MOULDED CASE CIRCUIT BREAKERS AND SWITCH DISCONNECTORS



Low voltage moulded case circuit breakers and low voltage switch disconnectors

Low voltage moulded case circuit breakers are used for the switching and protection of power supply cables, motors and other electrical equipment against overloads and short circuit faults. They provide, beside protection function, other functions as remote ON/OFF operation, undervoltage protection, main switch etc. They are available in range from 16 A up to 1600 A in 3 and 4 pole versions.

Advantages:

- Small dimensions, modular sizes
- Possibility of field-instalable accessories – up to 630A frame size series 2 (EB2)
- High short circuit breaking capacity (up to 100 kA)
- Fast break mechanism (F.B.M.)
- Reduced energy let through I^2t – minimises thermal stresses
- Reduced tripping time – minimises damage after fault
- Reduced peak short current ampacity – minimised electrodynamic stresses on conductors and protected equipment
- Installation on mounting plate, 125 A frame size also on DIN-rail
- Wide range of accessories
- Compact design with high mechanical strenght
- High dielectric withstand voltages (8 kV a.c.)
- Voltage level up to 690 V a.c. and 250 V d.c. – only MCCB's with thermal-magnetic tripping unit
- Direct opening – recommendation according to standard IEC 60204-1 – up to 630 A frame size series 2 (EB2)
- Common internal accessories – up to 630 A frame size series 2 (EB2)
- Visual safety
- Unsurpassed flexibility

Moulded case circuit breaker ETIBREAK EB

Thermal magnetic

Thermal magnetic MCCBs are available in frame sizes from 100A to 800A. MCCBs EB 100 have fixed thermal and magnetic protection elements. All other frame sizes have adjustable both thermal and magnetic trip settings. Overload protection is adjustable between 63 % and 100 % of I_n , meanwhile short-circuit between 6- 13x I_n (more details in the technical part of catalogue).

Legend: EB -> series 1
 EB2 -> series 2
 L -> economic, lower short-circuit breaking capacity
 S -> standard



ETIBREAK EB 100							
Type	I_n [A]	code No.	poles	I_{cu}/I_{cs} 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB 100/3L 16A 3p	16	004620011	3	16/8	fixed/fixe	0,74	1
EB 100/3L 20A 3p	20	004620012	3	16/8	fixed/fixe	0,74	1
EB 100/3L 25A 3p	25	004620013	3	16/8	fixed/fixe	0,74	1
EB 100/3L 32A 3p	32	004620014	3	16/8	fixed/fixe	0,74	1
EB 100/3L 40A 3p	40	004620015	3	16/8	fixed/fixe	0,74	1
EB 100/3L 50A 3p	50	004620016	3	16/8	fixed/fixe	0,74	1
EB 100/3L 63A 3p	63	004620017	3	16/8	fixed/fixe	0,74	1
EB 100/3L 80A 3p	80	004620018	3	16/8	fixed/fixe	0,74	1
EB 100/3L 100 3p	100	004620019	3	16/8	fixed/fixe	0,74	1

ETIBREAK EB2 125

Type	I_n [A]	code No.	poles	Icu/Ics 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB2 125/3L 20A 3p	20	004671021	3	25/19	0,63-1/6-12	1,1	1
EB2 125/3L 32A 3p	32	004671022	3	25/19	0,63-1/6-12	1,1	1
EB2 125/3L 50A 3p	50	004671023	3	25/19	0,63-1/6-12	1,1	1
EB2 125/3L 63A 3p	63	004671024	3	25/19	0,63-1/6-12	1,1	1
EB2 125/3L 100A 3p	100	004671025	3	25/19	0,63-1/6-12	1,1	1
EB2 125/3L 125A 3p	125	004671026	3	25/19	0,63-1/6-12	1,1	1
EB2 125/4L 20A 4p	20	004671027	4	25/19	0,63-1/6-12	1,4	1
EB2 125/4L 32A 4p	32	004671028	4	25/19	0,63-1/6-12	1,4	1
EB2 125/4L 50A 4p	50	004671029	4	25/19	0,63-1/6-12	1,4	1
EB2 125/4L 63A 4p	63	004671030	4	25/19	0,63-1/6-12	1,4	1
EB2 125/4L 100A 4p	100	004671031	4	25/19	0,63-1/6-12	1,4	1
EB2 125/4L 125A 4p	125	004671032	4	25/19	0,63-1/6-12	1,4	1
EB2 125/3S 20A 3p	20	004671041	3	36/36	0,63-1/6-12	1,1	1
EB2 125/3S 32A 3p	32	004671042	3	36/36	0,63-1/6-12	1,1	1
EB2 125/3S 50A 3p	50	004671043	3	36/36	0,63-1/6-12	1,1	1
EB2 125/3S 63A 3p	63	004671044	3	36/36	0,63-1/6-12	1,1	1
EB2 125/3S 100A 3p	100	004671045	3	36/36	0,63-1/6-12	1,1	1
EB2 125/3S 125A 3p	125	004671046	3	36/36	0,63-1/6-12	1,1	1
EB2 125/4S 20A 4p	20	004671047	4	36/36	0,63-1/6-12	1,4	1
EB2 125/4S 32A 4p	32	004671048	4	36/36	0,63-1/6-12	1,4	1
EB2 125/4S 50A 4p	50	004671049	4	36/36	0,63-1/6-12	1,4	1
EB2 125/4S 63A 4p	63	004671050	4	36/36	0,63-1/6-12	1,4	1
EB2 125/4S 100A 4p	100	004671051	4	36/36	0,63-1/6-12	1,4	1
EB2 125/4S 125A 4p	125	004671052	4	36/36	0,63-1/6-12	1,4	1

ETIBREAK EB2 160/250

Type	I_n [A]	code No.	poles	Icu/Ics 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB2 250/3L 200A 3p	200	004671072	3	25/19	0,63-1/6-13	1,5	1
EB2 250/3L 250A 3p	250	004671073	3	25/19	0,63-1/6-13	1,5	1
EB2 250/4L 200A 4p	200	004671075	4	25/19	0,63-1/6-13	1,9	1
EB2 250/4L 250A 4p	250	004671076	4	25/19	0,63-1/6-13	1,9	1
EB2 160/3S 160 3p	160	004671061	3	36/36	0,63-1/6-13	1,5	1
EB2 250/3S 200A 3p	200	004671082	3	36/36	0,63-1/6-13	1,5	1
EB2 250/3S 250A 3p	250	004671083	3	36/36	0,63-1/6-13	1,5	1
EB2 160/3S 160 4p	160	004671062	4	36/36	0,63-1/6-13	1,9	1
EB2 250/4S 200A 4p	200	004671085	4	36/36	0,63-1/6-13	1,9	1
EB2 250/4S 250A 4p	250	004671086	4	36/36	0,63-1/6-13	1,9	1

ETIBREAK EB2 400

Type	I_n [A]	code No.	poles	Icu/Ics 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB2 400/3L 250A 3p	250	004671091	3	25/25	0,63-1/6-12	4,2	1
EB2 400/3L 400A 3p	400	004671092	3	25/25	0,63-1/6-12	4,2	1
EB2 400/4L 250A 4p	250	004671093	4	25/25	0,63-1/6-12	5,6	1
EB2 400/4L 400A 4p	400	004671094	4	25/25	0,63-1/6-12	5,6	1
EB2 400/3S 250A 3p	250	004671101	3	50/50	0,63-1/6-12	4,3	1
EB2 400/3S 400A 3p	400	004671102	3	50/50	0,63-1/6-12	4,3	1
EB2 400/4S 250A 4p	250	004671103	4	50/50	0,63-1/6-12	5,7	1
EB2 400/4S 400A 4p	400	004671104	4	50/50	0,63-1/6-12	5,7	1





ETIBREAK EB 630/800							
Type	I_n [A]	code No.	poles	Icu/Ics 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB630/3 630A 3p	630	004625102	3	65/33	(0.63-1) / (5-10)	9,0	1
EB800/3 800A 3p	800	004626101	3	65/33	(0.63-1) / (5-10)	9,4	1
EB630/4 630A 4p	630	004625202	4	65/33	(0.63-1) / (5-10)	11,5	1
EB800/4 800A 4p	800	004626201	4	65/33	(0.63-1) / (5-10)	12,2	1

Microprocessor's MCCBs

Microprocessor's MCCBs are available in frame sizes from 250 A up to 1600 A, with rated current from 40 A up to 1600 A. All frame sizes have adjustable thermal and magnetic protection.

Series 2: Protection against overload can be adjusted between 0,4 – 1 x I_n , meanwhile short-circuit protection has already preset different curves, which can be easily selected according to the type of load (up to 630 A).

LEGEND:

EB - series 1

EB2 - series 2

LE - microprocessor based version, economic, lower short-circuit breaking capacity

E - microprocessor based version



ETIBREAK EB2 250							
Type	I_n [A]	code No.	poles	Icu/Ics 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB2 250/3E 40A 3p	40	004671301	3	70/70	0,4-1/adjust.	2,5	1
EB2 250/3E 125A 3p	125	004671302	3	70/70	0,4-1/adjust.	2,5	1
EB2 250/3E 250A 3p	250	004671304	3	70/70	0,4-1/adjust.	2,5	1
EB2 250/4E 40A 4p	40	004671305	4	70/70	0,4-1/adjust.	3,3	1
EB2 250/4E 125A 4p	125	004671306	4	70/70	0,4-1/adjust.	3,3	1
EB2 250/4E 250A 4p	250	004671308	4	70/70	0,4-1/adjust.	3,3	1

ETIBREAK EB2 400							
Type	I_n [A]	code No.	poles	Icu/Ics 400V(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	3	50/50	0,4-1/adjust.	4,3	1
EB2 400/4E 250A 4p	250	004671113	4	50/50	0,4-1/adjust.	5,7	1
EB2 400/4E 400A 4p	400	004671114	4	50/50	0,4-1/adjust.	5,7	1

ETIBREAK EB2 630							
Type	I_n [A]	code No.	poles	Icu/Ics 400V(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	36/36	0,4-1/adjust.	4,95	1
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	50/50	0,4-1/adjust.	4,95	1

Low voltage moulded case circuit breakers and low voltage switch disconnectors

ETIBREAK EB 1250

Type	I_n [A]	code No.	poles	I_{cu}/I_{cs} 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB1250/3 1000A 3p E	1000	004627101	3	85/64	$(0,5-1) \cdot I_n / (2,5-10) \cdot I_n$	22	1
EB1250/3 1250A 3p E	1250	004627102	3	85/64	$(0,5-1) \cdot I_n / (2,5-10) \cdot I_n$	22	1
EB1250/4 1000A 4p E	1000	004627201	4	85/64	$(0,5-1) \cdot I_n / (2,5-10) \cdot I_n$	28	1
EB1250/4 1250A 4p E	1250	004627202	4	85/64	$(0,5-1) \cdot I_n / (2,5-10) \cdot I_n$	28	1

ETIBREAK EB 1600

Type	I_n [A]	code No.	poles	I_{cu}/I_{cs} 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB1600/3 1600A 3p E	1600	004627103	3	100/75	$(0,5-1) \cdot I_n / (2,5-10) \cdot I_n$	27	1
EB1600/4 1600A 4p E	1600	004627203	4	100/75	$(0,5-1) \cdot I_n / (2,5-10) \cdot I_n$	35	1



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Low voltage switch disconnector ETIBREAK ED

ETIBREAK ED2 125-630

Type	I_n [A]	code No.	poles	peak/kA	U_i (AVC/DVC)	weight [kg]	packaging [pcs]
ED2 125/3	125	004671271	3	3,6	690/600	1	1
ED2 160/3	160	004671272	3	6	690/600	1,5	1
ED2 250/3	250	004671273	3	6	690/600	1,5	1
ED2 400/3	400	004671274	3	9	690/600	4,2	1
ED2 630/3	630	004671275	3	9	690/600	4,4	1
ED2 125/4	125	004671276	4	3,6	690/600	1,4	1
ED2 160/4	160	004671277	4	6	690/600	1,9	1
ED2 250/4	250	004671278	4	6	690/600	1,9	1
ED2 400/4	400	004671279	4	9	690/600	5,6	1
ED2 630/4	630	004671280	4	9	690/600	5,8	1

ETIBREAK ED 800-1600

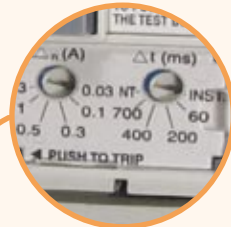
Type	I_n [A]	code No.	poles	peak/kA	U_i (AVC/DVC)	weight [kg]	packaging [pcs]
ED 800/3	800	004631200	3	15	690/250	9,4	1
ED 1250/3	1250	004631220	3	32	690/250	20,4	1
ED 1600/3	1600	004631225	3	45	690/250	24,9	1
ED 800/4	800	004631210	4	15	690/250	12,2	1
ED 1250/4	1250	004631230	4	32	690/250	26,4	1
ED 1600/4	1600	004631250	4	45	690/250	32,9	1



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

Low voltage moulded case circuit breaker with residual current protection EB2R

Main advantages:

- Combined protection against overloads, short circuits and earth leakage integrated in one device
- The new EB2R save the space
- The EB2R has the same dimensions and fixing as the EB2 MCCBs
- The EB2R eliminates the need for either an external relay with current transformers or add-on block
- Residual current is adjustable
- Earth leakage protection time delay is adjustable
- Wide range of accessories (as MCCB – only shunt/undervoltage trip units can not be fitted to EB2R)

ETIBRAK EB2R 125

Type	I _n [A]	code No.	poles	I _{cu} /I _{cs} 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB2R 125/3L 20A 3P	20	004671501	3	25/19	0.63-1/12	1,1	1
EB2R 125/3L 32A 3P	32	004671502	3	25/19	0.63-1/12	1,1	1
EB2R 125/3L 50A 3P	50	004671503	3	25/19	0.63-1/12	1,1	1
EB2R 125/3L 63A 3P	63	004671504	3	25/19	0.63-1/12	1,1	1
EB2R 125/3L 100A 3P	100	004671505	3	25/19	0.63-1/12	1,1	1
EB2R 125/3L 125A 3P	125	004671506	3	25/19	0.63-1/10	1,1	1
EB2R 125/4L 20A 4P	20	004671507	4	25/19	0.63-1/12	1,4	1
EB2R 125/4L 32A 4P	32	004671508	4	25/19	0.63-1/12	1,4	1
EB2R 125/4L 50A 4P	50	004671509	4	25/19	0.63-1/12	1,4	1
EB2R 125/4L 63A 4P	63	004671510	4	25/19	0.63-1/12	1,4	1
EB2R 125/4L 100A 4P	100	004671511	4	25/19	0.63-1/12	1,4	1
EB2R 125/4L 125A 4P	125	004671512	4	25/19	0.63-1/10	1,4	1

Note: all internal and external accessories can be used with EB2R – only exceptions are DA shunt trip unit and NA undervoltage trip unit (cannot be fitted to EB2R)



ETIBRAK EB2R 250

Type	I _n [A]	code No.	poles	I _{cu} /I _{cs} 400V(kA)	adjustment thermal/magnetic	weight [kg]	packaging [pcs]
EB2R 250/3L 160A 3P	160	004671581	3	25/19	0.63-1/13	1,5	1
EB2R 250/3L 250A 3P	250	004671582	3	25/19	0.63-1/10	1,5	1
EB2R 250/4L 160A 4P	160	004671583	4	25/19	0.63-1/13	1,9	1
EB2R 250/4L 250A 4P	250	004671584	4	25/19	0.63-1/10	1,9	1

Note: all internal and external accessories can be used with EB2R – only exceptions are DA shunt trip unit and NA undervoltage trip unit (cannot be fitted to EB2R)



Accessories

Internal accessories



Auxiliary switch



Alarm switch



Shunt trip unit



Shunt trip unit



Undervoltage trip unit



Auxiliary/Alarm switch

Accessories for EB 100

Internal accessories (TRIP UNIT - factory fitted)				packaging [pcs]
Shunt trip unit DA 100AF 200-480V AC	004620024	200-480VAC	3p	1/1

Accessories for EB2 125 - 630, series 2 ETIBREAK

Internal accessories (can be mounted by customer)				packaging [pcs]
Auxiliary switch, PS2 125-630AF	004671141	1 changeover contact	3p, 4p	1/1
Auxiliary switch, heavy duty PS2-NO 125-630AF	004671142	1 contact, NO	3p, 4p	1/1
Auxiliary switch, heavy duty PS2-NC 125-630AF	004671143	1 contact, NC	3p, 4p	1/1
Alarm switch SS2 125-630AF	004671144	1 changeover contact	3p, 4p	1/1
Alarm switch, heavy duty SS2-NO125-630AF	004671145	1 contact, NO	3p, 4p	1/1
Alarm switch, heavy duty SS2-NC125-630AF	004671146	1 contact, NC	3p, 4p	1/1
Shunt trip unit DA2 125-630AF AC200-240V	004671147	AC 220-240 V	3p, 4p	1/1
Shunt trip unit DA2 125-630AF AC380-450V	004671148	AC 380-450 v	3p, 4p	1/1
Shunt trip unit DA2 125-630AF DC24V	004671149	DC 24 V	3p, 4p	1/1
Shunt trip unit DA2 125-630AF DC48V	004671150	DC 48 V	3p, 4p	1/1
Shunt trip unit DA2 125-630AF DC110-120V	004671151	DC 110-120 V	3p, 4p	1/1
Shunt trip unit DA2 125-630AF DC 200-240V	004671152	DC 200-240 V	3p, 4p	1/1
Undervoltage trip unit NA2 125-630AF AC200-240V	004671153	AC 200-240 V	3p, 4p	1/1
Undervoltage trip unit NA2 125-630AF AC380-450V	004671154	AC 380-50 V	3p, 4p	1/1
Undervoltage trip unit NA2 125-630AF DC24V	004671155	DC 24 V	3p, 4p	1/1
Undervoltage trip unit NA2 125-630AF DC100-120V	004671156	DC 100 - 120 V	3p, 4p	1/1
Undervoltage trip unit NA2 125-630AF DC200-240V	004671157	DC 200-240 V	3p, 4p	1/1

Important note: The shunt trip unit DA and undervoltage trip unit NA cannot be mounted in the same breaker.

Accessories for EB 630 and EB 800

Left side internal accessories (TRIP UNITS – factory fitted):				packaging [pcs]
Shunt trip unit AC 200-480V DA800	004625131	200-480VAC	3p, 4p	1/1
Undervoltage trip unit 200-240V NA800/240	004625141	200-240VAC	3p, 4p	1/1
Undervoltage trip unit 380-450V NA800/450	004625142	380-450VAC	3p, 4p	1/1
Undervoltage trip unit 200-240V NA800/240TD time delay	004625143	200-240VAC 0.5s	3p, 4p	1/1
Undervoltage trip unit 380-450V NA800/450TD time delay	004625144	380-450VAC 0.5s	3p, 4p	1/1

Important note: The shunt trip unit DA and undervoltage trip unit NA cannot be mounted in the same breaker.

Right side internal accessories (AUXILIARY and ALARM SWITCHES – factory fitted):				packaging [pcs]
Auxiliary switch PS800/3	004625121	1 changeover contact	3p, 4p	1/1
Auxiliary switch 2PS800/3	004625122	2 changeover contacts	3p, 4p	1/1
Auxiliary/Alarm switch PS800+SS800/3	004625123	2 changeover contacts	3p, 4p	1/1
Alarm switch SS800/3	004625124	1 changeover contact	3p, 4p	1/1

Accessories for EB 1250 and EB 1600

Left side internal accessories (TRIP UNITS – factory fitted):				packaging [pcs]
Shunt trip unit AC 200-480 DA1600	004626131	200-480V	3p, 4p	1/1
Undervoltage trip unit 200-240 NA1600/240	004626141	200-240V	3p, 4p	1/1
Undervoltage trip unit 380-450 NA1600/450	004626142	380-450V	3p, 4p	1/1
Undervoltage trip unit 200-240 NA1600/240TD time delay	004626143	200-240V 0,5s	3p, 4p	1/1
Undervoltage trip unit 380-450 NA1600/450TD time delay	004626144	380-450V 0,5s	3p, 4p	1/1

Important note: The shunt trip unit DA and undervoltage trip unit NA cannot be mounted in the same breaker.

Right side internal accessories (AUXILIARY and ALARM SWITCHES – factory fitted):				packaging [pcs]
Auxiliary switch PS 1600/3	004626121	1 changeover contact	3p	1/1
Auxiliary switch 2PS 1600/3	004626122	2 changeover contacts	3p	1/1
Auxiliary/Alarm switch PS 1600+SS1600/3	004626123	2 changeover contacts	3p	1/1
Alarm switch SS1600/3	004626124	1 changeover contact	3p	1/1
Auxiliary switch PS 1600/4	004626221	1 changeover contact	4p	1/1
Auxiliary switch 2PS 1600/4	004626222	2 changeover contacts	4p	1/1
Auxiliary/Alarm switch PS 1600+SS1600/4	004626223	2 changeover contacts	4p	1/1
Alarm switch SS1600/4	004626224	1 changeover contact	4p	1/1

External accessories

Accessories for EB2 125

	code No		packaging [pcs]
Attach busbar, ZB2 125/3	004671161	3p	3
Attach busbar, ZB2 125/4	004671162	4p	3
Solderless Terminal, SP2 125/3	004671163	3p	4
Solderless Terminal, SP2 125/4	004671164	4p	4



Attach busbar

Accessories for EB2 125

	code No		packaging [pcs]
Motor Operator, MO2 125 AC230-240V	004671165	3p, 4p	1
Motor Operator, MO2 125 AC100-110V	004671311	3p, 4p	1
Motor Operator, MO2 125 DC24V	004671313	3p, 4p	1
Motor Operator, MO2 125 DC48V	004671314	3p, 4p	1
Motor Operator, MO2 125 DC100V	004671315	3p, 4p	1
Motor Operator, MO2 125 AC230-240V, reset	004671166	3p, 4p	1
Motor Operator, MO2 125 AC100-110V, reset	004671316	3p, 4p	1
Motor Operator, MO2 125 DC24V, reset	004671318	3p, 4p	1
Motor Operator, MO2 125 DC48V, reset	004671319	3p, 4p	1
Motor Operator, MO2 125 DC100V, reset	004671320	3p, 4p	1



Motor Operator

Accessories for EB2 125

	code No		packaging [pcs]
Door Flange, PR2 125-250	004671167	3p, 4p	1
Door Flange, PR2 - mot 125-250	004671472	3p, 4p	1
Handle Operating Mechanism, RO2 125, black	004671168	3p, 4p	1
Handle Operating Mechanism, RO2 125, keylock (cylindrical), black	004671169	3p, 4p	1
Handle Operating Mechanism, RO2 125, red	004671321	3p, 4p	1
Handle Operating Mechanism, RO2 125, keylock (cylindrical), red	004671322	3p, 4p	1
External Handle Operating Mechanism, RO2 125P, black	004671170	3p, 4p	1
External Handle Operating Mechanism, RO2 125P, keylock (cylindrical), black	004671171	3p, 4p	1
External Handle Operating Mechanism, RO2 125P, red	004671323	3p, 4p	1
External Handle Operating Mechanism, RO2 125P, keylock (cylindrical), red	004671324	3p, 4p	1

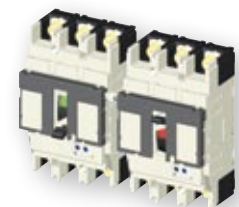


Handle Operating Mechanism

Handle operating mechanism can be padlocked in OFF

Accessories for EB2 125

	code No		packaging [pcs]
Slide mechanical interlock, MS 125 3P	004671172	3p	1
Slide mechanical interlock, MS 125 4P	004671173	4p	1
Link mechanical interlock, MLR 125 right	004671174	3p, 4p	1
Link mechanical interlock, MLL 125 left 3p	004671175	3p	1
Link mechanical interlock, MLL 125 left 4p	004671176	4p	1
Wire mechanical interlock, MW 125, mechanism	004671177	3p, 4p	1
MW cable 1m	004671178	3p, 4p	1
MW cable 1,5m	004671179	3p, 4p	1



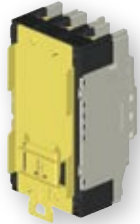
Link mechanical interlock

Link mechanical configuration; MLR_right + MLL_left

Wire mechanical configuration; MW_mech. + MW_cable



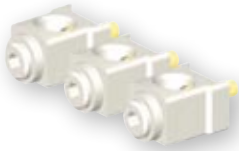
Handle locks



DIN rail adapter



Plug-in



Solderless Terminal SP2



Motor Operator



Handle Operating Mechanism

Accessories for EB2 125

	code No		packaging [pcs]
Handle locks, ZA2 125-250	004671180	3p, 4p	1
Terminal cover, PRS2 125/3, front	004671181	3p	1
Terminal cover, PRS2 125/4, front	004671182	4p	1
Terminal cover, PRS2-SP 125/3, cable clamps	004671183	3p	1
Terminal cover, PRS2-SP 125/4, cable clamps	004671184	4p	1
Terminal cover, PRS2-NPF 125/3, plug-in	004671473	3p	1
Terminal cover, PRS2-NPF 125/4, plug-in	004671474	4p	1
Interpol barrier, IZ2 125	004671185	3p, 4p	1
DIN rail adapter, DIN 125	004671186	3p, 4p	1

Accessories for EB2 125

	code No		packaging [pcs]
Fixed plug-in 3-p, NPF 125AF	004671451	3p	1
Fixed plug-in 4-p, NPF 125AF	004671452	4p	1
Plug-in Conversion 3-p, NPI 125AF	004671453	3p	1
Plug-in Conversion 4-p, NPI 125AF	004671454	4p	1
Extension terminal for fixed Plug-in 3-p, SK3 250AF	004671455	3p	3
Extension terminal for fixed Plug-in 4-p, SK4 250AF	004671456	4p	4
Plug for aux. And alarm switches SS 125-630AF, PSPSS 125-630AF	004671457	3p, 4p	1
Plug for shunt trips and underv. trips SHT and UVT 125-630AF, PSHUV 125-630AF	004671458	3p, 4p	1
Socket – for internal accessories 125-630AF, PIO 125-630AF	004671459	3p, 4p	1

- 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 are required

Accessories for EB2 160 and EB2 250

	code No		packaging [pcs]
Attach busbar ZB2250/3	004671191	3p	3
Attach busbar, ZB2 250/4	004671192	4p	3
Solderless Terminal, SP2 250/3	004671193	3p	4
Solderless Terminal, SP2 250/4	004671194	4p	4

Accessories for EB2 160 and EB2 250

	code No		packaging [pcs]
Motor Operator, MO2 250 AC230-240V	004671195	3p, 4p	1
Motor Operator, MO2 250 AC100-110V	004671331	3p, 4p	1
Motor Operator, MO2 250 DC24V	004671333	3p, 4p	1
Motor Operator, MO2 250 DC48V	004671334	3p, 4p	1
Motor Operator, MO2 250 DC100V	004671335	3p, 4p	1
Motor Operator, MO2 250, AC230-240, reset	004671196	3p, 4p	1
Motor Operator, MO2 250 AC100-110V, reset	004671336	3p, 4p	1
Motor Operator, MO2 250 DC24V, reset	004671338	3p, 4p	1
Motor Operator, MO2 250 DC48V, reset	004671339	3p, 4p	1
Motor Operator, MO2 250 DC100V, reset	004671340	3p, 4p	1

Accessories for EB2 160 and EB2 250

	code No		packaging [pcs]
Handle Operating Mechanism, RO2 250, black	004671197	3p, 4p	1
Handle Operating Mechanism, RO2 250, keylock (cylindrical), black	004671198	3p, 4p	1
Handle Operating Mechanism, RO2 250, red	004671341	3p, 4p	1
Handle Operating Mechanism, RO2 250, keylock (cylindrical), red	004671342	3p, 4p	1
External Handle Operating Mechanism, RO2 250P, black	004671199	3p, 4p	1
External Handle Operating Mechanism, RO2 250P, keylock (cylindrical), black	004671200	3p, 4p	1
External Handle Operating Mechanism, RO2 250P, red	004671343	3p, 4p	1
External Handle Operating Mechanism, RO2 250P, keylock (cylindrical), red	004671344	3p, 4p	1

Handle operating mechanism can be padlocked in OFF

Accessories

Accessories for EB2 160 and EB2 250

	code No		packaging [pcs]
Slide mechanical interlock, MS 250 3P	004671201	3p	1
Slide mechanical interlock, MS 250 4P	004671202	4p	1
Link mechanical interlock, MLR 250 right	004671203	3p, 4p	1
Link mechanical interlock, MLL 250 left 3p	004671204	3p	1
Link mechanical interlock, MLL 250 left 4p	004671205	4p	1
Wire mechanical interlock, MW 250, mechanism	004671206	3p, 4p	1
MW cable 1m	004671178	3p, 4p	1
MW cable 1,5m	004671179	3p, 4p	1

Link mechanical interlock configuration; MLR_right + MLL_left
Wire mechanical interlock configuration; MW_mech. + MW_cable

Accessories for EB2 160 and EB2 250

	code No		packaging [pcs]
Terminal cover, PRS2 250/3, front	004671207	3p	1
Terminal cover, PRS2 250/4, front	004671208	4p	1
Terminal cover, PRS2-SP 250/3, cable clamps	004671209	3p	1
Terminal cover, PRS2-SP 250/4, cable clamps	004671210	4p	1
Terminal cover, PRS2-NPF 250/3, plug-in	004671475	3p	1
Terminal cover, PRS2-NPF 250/4, plug-in	004671476	4p	1

Accessories for EB2 160 and EB2 250

	code No		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 250AF	004671460	3p	1
Fixed plug-in 4-p, NPF 250AF	004671461	4p	1
Plug-in Conversion 3-p, NPI 250AF	004671462	3p	1
Plug-in Conversion 4-p, NPI 250AF	004671463	4p	1
Extension terminal for fixed Plug-in 3-p, SK3 250AF	004671464	3p	set = 3 pcs
Extension terminal for fixed Plug-in 4-p, SK4 250AF	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 are required

Accessories for EB2 400 and EB2 630

	code No		packaging [pcs]
Attach busbar, ZB2 400/3	004671221	3p	set = 3 pcs
Attach busbar, ZB2 400/4	004671222	4p	set = 4 pcs
Attach busbar, ZB2 630/3	004671223	3p	set = 3 pcs
Attach busbar, ZB2 630/4	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

Accessories for EB2 400 and EB2 630

	code No		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

Accessories for EB2 400 and EB2 630

	code No		packaging [pcs]
Handle Operating Mechanism, RO2 630, black	004671229	3p, 4p	1
Handle Operating Mechanism, RO2 630, keylock (cylindrical), black	004671230	3p, 4p	1
Handle Operating Mechanism, RO2 630, red	004671445	3p, 4p	1
Handle Operating Mechanism, RO2 630, keylock (cylindrical), red	004671446	3p, 4p	1
External Handle Operating Mechanism, RO2 630 P, black	004671231	3p, 4p	1
External Handle Operating Mechanism, RO2 630P, keylock (cylindrical), black	004671232	3p, 4p	1
External Handle Operating Mechanism, RO2 630P, red	004671447	3p, 4p	1
External Handle Operating Mechanism, RO2 630P, keylock (cylindrical), red	004671448	3p, 4p	1

Handle operating mechanism can be padlocked in OFF



Wire mechanical interlock



Terminal cover, plug-in



Interpol barrier



Attach busbar



Motor Operator



External Handle Operating Mechanism



Wire mechanical interlock



Interpol barrier



Plug-in



Solderless Terminal



Interpol barrier



terminal cover

Accessories for EB2 400 and EB2 630

	code No		packaging [pcs]
Slide mechanical interlock, MS 630 3P	004671233	3p	1
Slide mechanical interlock, MS 630 4P	004671234	4p	1
Link mechanical interlock, MLR 630 right	004671235	3p, 4p	1
Link mechanical interlock, MLL 630 left 3p	004671236	3p	1
Link mechanical interlock, MLL 630 left 4p	004671237	4p	1
Wire mechanical interlock, MW 630, mechanism	004671238	3p, 4p	1
MW cable 1m	004671178	3p, 4p	1
MW cable 1,5m	004671179	3p, 4p	1

Link mechanical interlock configuration; MLR_right + MLL_left

Wire mechanical interlock configuration; MW_mech. + MW_cable

Accessories for EB2 400 and EB2 630

	code No		packaging [pcs]
Handle locks, ZA2 400/630	004671239	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 630	004671244	3p, 4p	1
Lateral block, LTBL 630, left	004671245	3p, 4p	1
Lateral block, LTBR 630, right	004671246	3p, 4p	1
Door Flange, PR2 400-630	004671449	3p, 4p	1

Accessories for EB2 400 and EB2 630

	code No		packaging [pcs]
Fixed plug-in 3-p, NPF 400-630AF	004671466	3p	1
Fixed plug-in 4-p, NPF 400-630AF	004671467	4p	1
Plug-in Conversion 3-p, NPI 400-630AF	004671468	3p	1
Plug-in Conversion 4-p, NPI 400-630AF	004671469	4p	1
Extension terminal for fixed Plug-in 3-p, SK3 400-630AF	004671470	3p	set = 3 pcs
Extension terminal for fixed Plug-in 4-p, SK4 400-630AF	004671471	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 are required

Accessories for EB 630 and EB 800

	code No		packaging [pcs]
Motor Operator AC 240V M0800	004625151	3p, 4p	1
Handle Operating Mechanism R0800	004625162	3p, 4p	1
Handle Operating Mechanism R0800P	004625163	3p, 4p	1
Door Flange PR400-800	004624164	3p, 4p	1
Handle lock ZA800	004625165	3p, 4p	1
Terminal cover PRS800/3	004625171	3p	set = 6 pcs
Terminal cover PS800/4	004625271	4p	set = 8 pcs
Interpol Barrier IZ400-1600/3	004624172	3p	set = 2 pcs
Interpol Barrier IZ400-1600/4	004624272	4p	set = 3 pcs
Solderless Terminal SP800/3	004625173	3p	set = 6 pcs
Solderless Terminal SP800/4	004625273	4p	set = 8 pcs

Handle operating mechanism can be padlocked in OFF

Accessories for EB 1250 and EB 1600

	code No		packaging [pcs]
Motor Operator AC240 M01600	004626151	3p, 4p	1
Handle Operating Mechanism R01600	004626162	3p, 4p	1
Handle Operating Mechanism R01600P	004626163	3p, 4p	1
Door Flange PR1600	004626164	3p, 4p	1
Handle locks ZA1600	004626165	3p, 4p	1
Terminal cover PRS1250/3*	004626171	3p	set = 2 pcs
Terminal cover PRS1250/4*	004626271	4p	set = 2 pcs
Interpol Barrier IZ400-1600/3	004624172	3p	set = 2 pcs
Interpol Barrier IZ400-1600/4	004624272	4p	set = 3 pcs
Handle Operating Mechanism PRO630-1600	004625174	3p, 4p	1

* only for 1250 AF

Handle operating mechanism can be padlocked in OFF