

### Description

Protection and control of circuits against overloads and short circuits. Circuit isolation.

### Technical data

- breaking capacity : 6kA (IEC 60 898-1),
- curves :

- B curve : 3 to 5 I<sub>n</sub>,  
C curve : 5 to 10 I<sub>n</sub>
- poles : 1PP, 2PP, 3PP, 4PP (protected poles)
  - voltage rating : 240/400V AC
  - current rating : 6 to 63A
  - frequency : 50/60Hz
  - climate sealed : T2
  - will accept accessories

### Connection capacity

rigid conductors : 25mm<sup>2</sup>  
flexible conductors : 16mm<sup>2</sup>

Complies with IEC 60 898-1 and EN 60898-1.



MBN116A

Description	In/A	Width in 17.5mm	Pack qty.	Cat. ref. B curve	C curve
<b>Single pole MCBs</b>					
	6	1	12	<b>MBN106A</b>	<b>MCN106A</b>
	10	1	12	<b>MBN110A</b>	<b>MCN110A</b>
	16	1	12	<b>MBN116A</b>	<b>MCN116A</b>
	20	1	12	<b>MBN120A</b>	<b>MCN120A</b>
	25	1	12	<b>MBN125A</b>	<b>MCN125A</b>
	32	1	12	<b>MBN132A</b>	<b>MCN132A</b>
	40	1	12	<b>MBN140A</b>	<b>MCN140A</b>
	50	1	12	<b>MBN150A</b>	<b>MCN150A</b>
	63	1	12	<b>MBN163A</b>	<b>MCN163A</b>



MBN232A

<b>Double pole MCBs</b>					
	6	2	6	<b>MBN206A</b>	<b>MCN206A</b>
	10	2	6	<b>MBN210A</b>	<b>MCN210A</b>
	16	2	6	<b>MBN216A</b>	<b>MCN216A</b>
	20	2	6	<b>MBN220A</b>	<b>MCN220A</b>
	25	2	6	<b>MBN225A</b>	<b>MCN225A</b>
	32	2	6	<b>MBN232A</b>	<b>MCN232A</b>
	40	2	6	<b>MBN240A</b>	<b>MCN240A</b>
	50	2	6	<b>MBN250A</b>	<b>MCN250A</b>
	63	2	6	<b>MBN263A</b>	<b>MCN263A</b>



MBN320A

<b>Three pole MCBs</b>					
	6	3	4	<b>MBN306A</b>	<b>MCN306A</b>
	10	3	4	<b>MBN310A</b>	<b>MCN310A</b>
	16	3	4	<b>MBN316A</b>	<b>MCN316A</b>
	20	3	4	<b>MBN320A</b>	<b>MCN320A</b>
	25	3	4	<b>MBN325A</b>	<b>MCN325A</b>
	32	3	4	<b>MBN332A</b>	<b>MCN332A</b>
	40	3	4	<b>MBN340A</b>	<b>MCN340A</b>
	50	3	4	<b>MBN350A</b>	<b>MCN350A</b>
	63	3	4	<b>MBN363A</b>	<b>MCN363A</b>



MBN440A

<b>Four pole MCBs</b>					
	6	4	3	<b>MBN406A</b>	<b>MCN406A</b>
	10	4	3	<b>MBN410A</b>	<b>MCN410A</b>
	16	4	3	<b>MBN416A</b>	<b>MCN416A</b>
	20	4	3	<b>MBN420A</b>	<b>MCN420A</b>
	25	4	3	<b>MBN425A</b>	<b>MCN425A</b>
	32	4	3	<b>MBN432A</b>	<b>MCN432A</b>
	40	4	3	<b>MBN440A</b>	<b>MCN440A</b>
	50	4	3	<b>MBN450A</b>	<b>MCN450A</b>
	63	4	3	<b>MBN463A</b>	<b>MCN463A</b>

# Miniature Circuit Breakers

## 6/10kA Type B and C - MT, MU



### Description

Protection and control of circuits against overloads and short circuits. Circuit isolation.

### Technical data

- breaking capacity : 6kA (IEC 60 898-1),
- curves :  
B curve : 3 to 5 In,  
C curve : 5 to 10 In
- poles : 1PP, 2PP, 3PP, 4PP

(protected poles)

- voltage rating : 240/400V AC
- current rating : 6 to 63A
- frequency : 50/60Hz
- climate sealed : T2
- will not accept accessories

Complies with IEC 60 898-1

### Connection capacity

rigid conductors : 25mm<sup>2</sup>  
flexible conductors : 16mm<sup>2</sup>





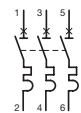
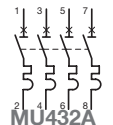
MT116A



MT216A



MT320A

Description	In/A	Width in 17.5mm	Pack qty.	Cat. ref. B curve	C curve
<b>Single pole MCBs</b>					
	6	1	12	MT106A	MU106A
	10	1	12	MT110A	MU110A
	16	1	12	MT116A	MU116A
	20	1	12	MT120A	MU120A
	25	1	12	MT125A	MU125A
	32	1	12	MT132A	MU132A
	40	1	12	MT140A	MU140A
	50	1	12	MT150A	MU150A
	63	1	12	MT163A	MU163A
<b>Double pole MCBs</b>					
	6	2	6	MT206A	MU206A
	10	2	6	MT210A	MU210A
	16	2	6	MT216A	MU216A
	20	2	6	MT220A	MU220A
	25	2	6	MT225A	MU225A
	32	2	6	MT232A	MU232A
	40	2	6	MT240A	MU240A
	50	2	6	MT250A	MU250A
	63	2	6	MT263A	MU263A
<b>Three pole MCBs</b>					
	6	3	4	MT306A	MU306A
	10	3	4	MT310A	MU310A
	16	3	4	MT316A	MU316A
	20	3	4	MT320A	MU320A
	25	3	4	MT325A	MU325A
	32	3	4	MT332A	MU332A
	40	3	4	MT340A	MU340A
	50	3	4	MT350A	MU350A
	63	3	4	MT363A	MU363A
<b>Four pole MCBs</b>					
	6	4	3	-	MU406A
	10	4	3	-	MU410A
	16	4	3	-	MU416A
	20	4	3	-	MU420A
	25	4	3	-	MU425A
	32	4	3	-	
	40	4	3	-	MU440A
	50	4	3	-	MU450A
	63	4	3	-	MU463A

# Miniature Circuit Breakers

## 10/15kA Type B, C and D - NBN, NCN, NDN



### Description

Protection and control of circuits against overloads and short circuits. Circuit isolation.

### Technical data

- breaking capacity :  
10kA (IEC 60 898-1),  
15kA (IEC 60 947-2)

### • curves :

- B curve : 3 to 5 In,
- C curve : 5 to 10 In,
- D curve : 10 to 20 In
- poles : 1PP, 2PP, 3PP, 4PP  
(protected poles)
- voltage rating : 240/400V AC
- current rating : 0,5 to 63A
- frequency : 50/60Hz

### • climate sealed : T2


- will accept accessories

### Connection capacity

rigid conductors : 35mm<sup>2</sup>  
flexible conductors : 25mm<sup>2</sup>  
Complies with IEC 60 898-1,  
IEC 60 947-2, EN 60898-1 and  
EN 60947-2.



NCN116A

Description	In/A	Width in 17.5mm	Pack qty.	Cat. ref. B curve	C curve	D curve
<b>Single pole MCBs</b>	0.5	1	12	-	NCN100A	NDN100A
	1	1	12	-	NCN101A	NDN101A
	2	1	12	-	NCN102A	NDN102A
	3	1	12	-	NCN103A	NDN103A
	4	1	12	-	NCN104A	NDN104A
	6	1	12	NBN106A	NCN106A	NDN106A
	10	1	12	NBN110A	NCN110A	NDN110A
	16	1	12	NBN116A	NCN116A	NDN116A
	20	1	12	NBN120A	NCN120A	NDN120A
	25	1	12	NBN125A	NCN125A	NDN125A
	32	1	12	NBN132A	NCN132A	NDN132A
	40	1	12	NBN140A	NCN140A	NDN140A
	50	1	12	NBN150A	NCN150A	NDN150A
	63	1	12	NBN163A	NCN163A	NDN163A



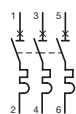
NCN232A

<b>Double pole MCBs</b>	0.5	2	6	-	NCN200A	NDN200A
	1	2	6	-	NCN201A	NDN201A
	2	2	6	-	NCN202A	NDN202A
	3	2	6	-	NCN203A	NDN203A
	4	2	6	-	NCN204A	NDN204A
	6	2	6	NBN206A	NCN206A	NDN206A
	10	2	6	NBN210A	NCN210A	NDN210A
	16	2	6	NBN216A	NCN216A	NDN216A
	20	2	6	NBN220A	NCN220A	NDN220A
	25	2	6	NBN225A	NCN225A	NDN225A
	32	2	6	NBN232A	NCN232A	NDN232A
	40	2	6	NBN240A	NCN240A	NDN240A
	50	2	6	NBN250A	NCN250A	NDN250A
	63	2	6	NBN263A	NCN263A	NDN263A



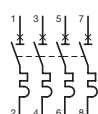
NCN320A

<b>Three pole MCBs</b>	0.5	3	4	-	NCN300A	NDN300A
	1	3	4	-	NCN301A	NDN301A
	2	3	4	-	NCN302A	NDN302A
	3	3	4	-	NCN303A	NDN303A
	4	3	4	-	NCN304A	NDN304A
	6	3	4	NBN306A	NCN306A	NDN306A
	10	3	4	NBN310A	NCN310A	NDN310A
	16	3	4	NBN316A	NCN316A	NDN316A
	20	3	4	NBN320A	NCN320A	NDN320A
	25	3	4	NBN325A	NCN325A	NDN325A
	32	3	4	NBN332A	NCN332A	NDN332A
	40	3	4	NBN340A	NCN340A	NDN340A
	50	3	4	NBN350A	NCN350A	NDN350A
	63	3	4	NBN363A	NCN363A	NDN363A



NCN440A

<b>Four pole MCBs</b>	0.5	4	3	-	NCN400A	NDN400A
	1	4	3	-	NCN401A	NDN401A
	2	4	3	-	NCN402A	NDN402A
	3	4	3	-	NCN403A	NDN403A
	4	4	3	-	NCN404A	NDN404A
	6	4	3	NBN406A	NCN406A	NDN406A
	10	4	3	NBN410A	NCN410A	NDN410A
	16	4	3	NBN416A	NCN416A	NDN416A
	20	4	3	NBN420A	NCN420A	NDN420A
	25	4	3	NBN425A	NCN425A	NDN425A
	32	4	3	NBN432A	NCN432A	NDN432A
	40	4	3	NBN440A	NCN440A	NDN440A
	50	4	3	NBN450A	NCN450A	NDN450A
	63	4	3	NBN463A	NCN463A	NDN463A



## Description

When add-on block is associated with MCBs (NGN, NBN, NCN, NDN, NQN, NRN, NSN), the complete unit provides an earth fault protection and protects against electrical shocks by direct or indirect contacts. They are designed to be fitted to the right hand side of 2, 3, and 4 poles MCBs.

## Technical data

- sensitivity :  
High sensitivity : 10mA, 30mA instant tripping,  
Medium sensitivity : 100mA, 300mA, 500mA instant tripping / 300mA, 500mA, 1A selective (time delay)
- current rating : 25 to 63A
- voltage rating : 240/400V AC
- poles : 2P, 3P, 4P

- types : AC and A types  
frequency : 50/60Hz
- mounting type : side mounted
- climate sealed : T2

## Connection capacity

- 25A :  
rigid conductors : 10mm<sup>2</sup>  
flexible conductors : 6mm<sup>2</sup>
- 40A, 63A :  
rigid conductors : 25mm<sup>2</sup>  
flexible conductors : 16mm<sup>2</sup>

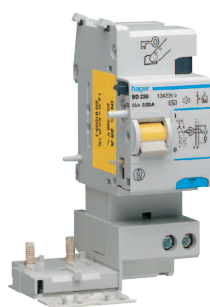
## Technical information

- AC type : Ensured for residual sinusoidal alternating currents, whether suddenly applied or slowly rising. It incorporate a filtering device preventing the risk of nuisance tripping due to the transient voltages (lightening, line disturbance on other

equipment...) and transient currents (from high capacitive circuits).

- A and HI type (reinforced immunity) : In addition to the characteristics of AC type, it ensured for residual pulsating direct currents, whether suddenly applied or slowly rising. They are used whenever fault currents are not sinusoidal. It reduces the unexpected tripping when they protect equipment generating disturbances like DC fault current (washing machines, speed drives, microprocessing, electronic ballast...).

Complies with EN 61008-1.

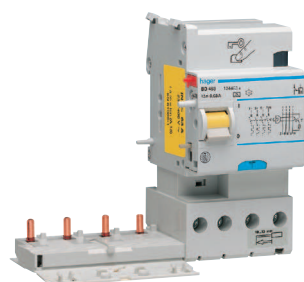


BD226



BD364

Description	IΔn	In/A	Width in 17.5mm	Pack qty	Cat. ref. class AC	class A and HI
2 pole add-on blocks	10 mA	25	2	1	<b>BC226</b>	-
	30 mA	25	2	1	<b>BD226</b>	<b>BD225</b>
		40	2	1	<b>BD241</b>	<b>BD240</b>
		63	2	1	<b>BD264</b>	<b>BD263</b>
	100 mA	63	2	1	<b>BE264</b>	-
	<b>S</b> 100 mA	63	2	1	<b>BN264</b>	-
	300 mA	25	2	1	<b>BF226</b>	<b>BF225</b>
		40	2	1	<b>BF241</b>	<b>BF240</b>
		63	2	1	<b>BF264</b>	<b>BF263</b>
	<b>S</b> 300 mA	63	2	1	<b>BP264</b>	-
	500 mA	63	2	1	<b>BG264</b>	-
	<b>S</b> 500 mA	63	2	1	<b>BR264</b>	-
3 pole add-on blocks	<b>S</b> 1A	63	2	1	<b>BS264</b>	<b>BS263</b>
	30 mA	25	2	1	<b>BD326</b>	<b>BD325</b>
		40	3	1	<b>BD341</b>	<b>BD340</b>
		63	3	1	<b>BD364</b>	<b>BD363</b>
	300 mA	25	2	1	<b>BF326</b>	<b>BF325</b>
		40	3	1	<b>BF341</b>	<b>BF340</b>
		63	3	1	<b>BF364</b>	<b>BF363</b>
	<b>S</b> 300 mA	63	3	1	<b>BP364</b>	-
	500 mA	63		1	<b>BG364</b>	-
	<b>S</b> 1A	63	3	1	<b>BS364</b>	<b>BS363</b>



BD463

Description	I $\Delta$ n	In/A	Width in 17.5mm	Pack qty	Cat. ref. class AC	class A and HI
<b>4 pole add-on blocks</b>	30 mA	25	2	1	<b>BD426</b>	<b>BD425</b>
		40		1	<b>BD441</b>	<b>BD440</b>
		63		1	<b>BD464</b>	<b>BD463</b>
	100 mA	63		1	<b>BE464</b>	-
<b>S</b> 100 mA	63			1	<b>BN464</b>	-
	300 mA	25	2	1	<b>BF426</b>	<b>BF425</b>
		40		1	<b>BF441</b>	<b>BF440</b>
		63		1	<b>BF464</b>	<b>BF463</b>
<b>S</b> 300 mA	63			1	<b>BP464</b>	-
	500 mA	63		1	<b>BG464</b>	-
<b>S</b> 1A	63			1	<b>BS464</b>	-



BFC840

<b>4 pole add-on blocks double output</b>	30 mA	25	3	1	<b>BDC825</b>	<b>BDH825</b>
		40	3	1	<b>BDC840</b>	<b>BDH840</b>
		63	3	1	<b>BDC863</b>	<b>BDH863</b>
	300 mA	25	3	1	<b>BFC825</b>	<b>BFH825</b>
		40	3	1	<b>BFC840</b>	<b>BFH840</b>
		63	3	1	<b>BFC863</b>	<b>BFH863</b>
<b>S</b> 300 mA	63	3		1	<b>BPC863</b>	-
<b>S</b> 1A	63	3		1	<b>BSC863</b>	-

### Description

Protection and control of circuits against overloads and short circuits. Circuit isolation. They can be used for installation in commercial building and industrial premises for high interrupt capacities.

### Technical data

- breaking capacity : 50kA (IEC 60 947-2)

- curves : C curve : 5 to 10 In
- poles : 1PP, 2PP, 3PP, 4PP (protected poles)
- voltage rating : 230/400V AC
- current rating : 10-63 50kA 80-125 10-30kA
- frequency : 50/60Hz
- will accept accessories

- climate sealed : T2

### Connection capacity

rigid conductors : 70 mm<sup>2</sup>  
flexible conductors : 35 mm<sup>2</sup>

Complies with IEC 60 947-2.



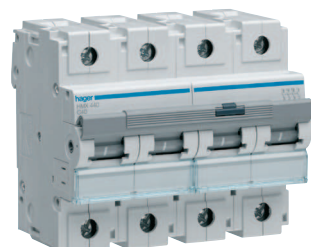
HMX120



HMX225



HMX320



HMX440

Description	In/A	Width in ■ 17.5mm	Pack qty	Cat. ref.
<b>Single pole MCBs</b>	10	1,5	1	HMX110
	16	1,5	1	HMX116
	20	1,5	1	HMX120
	25	1,5	1	HMX125
	32	1,5	1	HMX132
	40	1,5	1	HMX140
	50	1,5	1	HMX150
	63	1,5	1	HMX163
<b>Double pole MCBs</b>	10	3	1	HMX210
	16	3	1	HMX216
	20	3	1	HMX220
	25	3	1	HMX225
	32	3	1	HMX232
	40	3	1	HMX240
	50	3	1	HMX250
	63	3	1	HMX263
<b>Three pole MCBs</b>	10	4,5	1	HMX310
	16	4,5	1	HMX316
	20	4,5	1	HMX320
	25	4,5	1	HMX325
	32	4,5	1	HMX332
	40	4,5	1	HMX340
	50	4,5	1	HMX350
	63	4,5	1	HMX363
<b>Four pole MCBs</b>	10	6	1	HMX410
	16	6	1	HMX416
	20	6	1	HMX420
	25	6	1	HMX425
	32	6	1	HMX432
	40	6	1	HMX440
	50	6	1	HMX450
	63	6	1	HMX463

### Description

Protection and control of circuits against overloads and short circuits. Circuit isolation. They can be used for installation in commercial building and industrial premises.

### Technical data

- breaking capacity :  
10kA (IEC 60 898-1),  
10kA (IEC 60947-2)

### • curves :

- B curve : 3 to 5 In,  
C curve : 5 to 10 In
- poles : 1PP, 2PP, 3PP, 4PP  
(protected poles)
- voltage rating : 230/400V AC
- current rating : 80 to 125A
- frequency : 50/60Hz
- will accept accessories
- climate sealed : T2

### Connection capacity

rigid conductors : 70 mm<sup>2</sup>  
flexible conductors : 35 mm<sup>2</sup>

Complies with IEC 60 898-1 and IEC 60 947-2.



HLF199S



HLF299S



HLF399S



HLF499S

Description	In/A	Width in 17.5mm	Pack qty	Cat. ref. B curve	C curve
Single pole MCBs	80	1,5	1	HLE180S	HMF180
	100	1,5	1	HLE190S	HMF190
	125	1,5	1	HLE199S	HMF199
Double pole MCBs	80	3	1	HLE280S	HMF280
	100	3	1	HLE290S	HMF290
	125	3	1	HLE299S	HMF299
Three pole MCBs	80	4,5	1	HLE380S	HMF380
	100	4,5	1	HLE390S	HMF390
	125	4,5	1	HLE399S	HMF399
Four pole MCBs	80	6	1	HLE480S	HMF480
	100	6	1	HLE490S	HMF490
	125	6	1	HLE499S	HMF499



# Miniature Circuit Breakers

## 15kA Type B, C and D - HMB, HMC, HMD



### Description

Protection and control of circuits against overloads and short circuits. Circuit isolation. They can be used for installation in commercial building and industrial premises.

### Technical data

- breaking capacity :  
15kA (IEC 60 898-1),  
15kA (IEC 60 947-2)

- curves :  
B curve : 3 to 5 In,  
C curve : 5 to 10 In,  
D curve : 10 to 20 In
- poles : 1PP, 2PP, 3PP, 4PP  
(protected poles)
- voltage rating : 230/400V AC
- current rating : 80 to 125A
- frequency : 50/60Hz
- will accept accessories
- climate sealed : T2

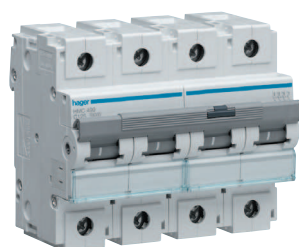
### Connection capacity

rigid conductors : 70mm<sup>2</sup>  
flexible conductors : 35mm<sup>2</sup>

Complies with IEC 60 898-1 and  
IEC 60 947-2.



HMC399



HMC499

Description	In/A	Width in ■ 17.5mm	Pack qty	Cat. ref. B curve	C curve	D curve
Single pole MCBs	80	1,5	1	HMB180	HMC180	HMD180
	100	1,5	1	HMB190	HMC190	HMD190
	125	1,5	1	HMB199	HMC199	HMD199
Double pole MCBs	80	3	1	HMB280	HMC280	HMD280
	100	3	1	HMB290	HMC290	HMD290
	125	3	1	HMB299	HMC299	HMD299
Three pole MCBs	80	4,5	1	HMB380	HMC380	HMD380
	100	4,5	1	HMB390	HMC390	HMD390
	125	4,5	1	HMB299	HMC399	HMD399
Four pole MCBs	80	6	1	HMB480	HMC480	HMD480
	100	6	1	HMB490	HMC490	HMD490
	125	6	1	HMB499	HMC499	HMD499



# Miniature Circuit Breakers

## 30kA Type B and C - HMJ, HMK



### Description

Protection and control of circuits against overloads and short circuits. Circuit isolation. They can be used for installation in commercial building and industrial premises for high interrupt capacities.

### Technical data

- breaking capacity : 30kA (IEC 60 947-2)

- curves :  
B curve : 3 to 5 In,  
C curve : 5 to 10 In
- poles : 1PP, 2PP, 3PP, 4PP (protected poles)
- voltage rating : 230/400V AC
- current rating : 80 to 125A
- frequency : 50/60Hz
- will accept accessories
- climate sealed : T2

### Connection capacity

rigid conductors : 70mm<sup>2</sup>  
flexible conductors : 35mm<sup>2</sup>

Complies with IEC 60 947-2.



HMJ199



HMK399

Description	In/A	Width in 17.5mm	Pack qty	Cat. ref. B curve	C curve
Single pole MCBs	80	1,5	1	HMJ180	HMK180
	100	1,5	1	HMJ190	HMK190
	125	1,5	1	HMJ199	HMK199
Double pole MCBs	80	3	1	HMJ180	HMK180
	100	3	1	HMJ290	HMK290
	125	3	1	HMJ299	HMK299
Three pole MCBs	80	4,5	1	HMJ380	HMK380
	100	4,5	1	HMJ390	HMK390
	125	4,5	1	HMJ399	HMK399
Four pole MCBs	80	6	1	HMJ480	HMK480
	100	6	1	HMJ490	HMK490
	125	6	1	HMJ499	HMK499

## Accessories for MCBs

### HLE, HLF, HMB, HMC, HMD, HMK, HMJ, HMX



MZN130



MZN131

Description	Characteristics	Cat. ref.
Terminal cover / screw cap	sealable screw cap	MZN130
Phase separator	1 set of 3 pieces	MZN131

## Description

When add-on block is associated with MCBs (HLE, HLF, HMB, HMC, HMD, HMJ, HMK, HMX), the complete unit provides an earth fault protection and protects against electrical shocks by direct or indirect contacts. They are designed to be fitted to the right hand side of 2, 3 and 4 poles MCBs.

## Technical data

- sensitivity :  
High sensitivity : 30mA instant tripping (fixed)  
Medium sensitivity :  
300mA instant tripping (fixed) / 300mA, 500mA, 1A adjustable (selective or time delay)
- time delay : 0ms, 60ms or 150ms
- current rating : 125A
- voltage rating : 240/400V AC
- poles : 2P, 3P, 4P
- types : AC and A/HI types
- frequency : 50/60Hz
- mounting type : side mounted
- climate sealed : T2

## Connection capacity

rigid conductors : 70mm<sup>2</sup>  
flexible conductors : 35mm<sup>2</sup>

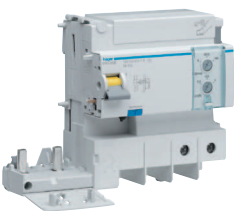
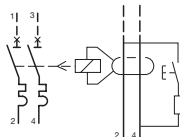

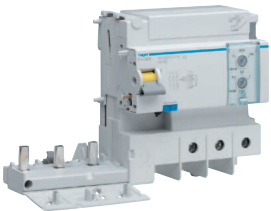
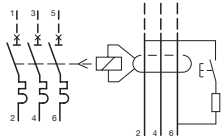

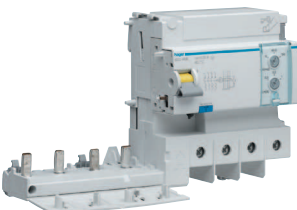
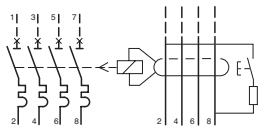

## Technical information

- AC type : Ensured for residual sinusoidal alternating currents, whether suddenly applied or slowly rising. It incorporates a filtering device preventing the risk of nuisance tripping due to the transient voltages (lightening, line disturbance on other equipment...) and transient currents (from high capacitive circuits).
- A and HI type (reinforced immunity) : In addition to the characteristics of AC type, it ensured for residual pulsating direct currents, whether suddenly applied or slowly rising. They are used whenever fault currents are not sinusoidal. It reduces the unexpected tripping when they protect equipment generating

disturbances like DC fault current (washing machines, speed drives, microprocessing, electronic ballast...).

- Adjustable block : The setting is done by actuating the thumb wheel on the front face. The setting thumb wheels are protected by a transparent sealable cover.
- Tightening compensation terminals : The circuit breakers block are equipped with screw terminals with tightening compensation, reinforced arch and cable holding jaws. These contributes to an effective tightening over time.

Complies with IEC 61 009-1.

	Description	IΔn	In/A	Width in 17.5mm	Pack qty	Cat. ref. AC type	A and HI type
	<b>Double pole add-on block</b>						
		fixed 30mA	125	6	1	<b>BDC280E</b>	<b>BDH280E</b>
		adjustable 0,3 - 0,5 - 1A inst. -  - 150 ms	125	6	1	<b>BTC280E</b>	<b>BTH280E</b>
	<b>Three pole add-on block</b>						
		fixed 30mA	125	6	1	<b>BDC380E</b>	<b>BDH380E</b>
		adjustable 0,3 - 0,5 - 1A inst. -  - 150 ms	125	6	1	<b>BTC380E</b>	<b>BTH380E</b>
	<b>Four pole add-on block</b>						
		fixed 30mA	125	6	1	<b>BDC480E</b>	<b>BDH480E</b>
		fixed 300mA	125	6	1	<b>BFC480E</b>	<b>BFH480E</b>
		adjustable 0,3 - 0,5 - 1A inst. -  - 150 ms	125	6	1	<b>BTC480E</b>	<b>BTH480E</b>

BTH280E

BTH380E

BDC480E

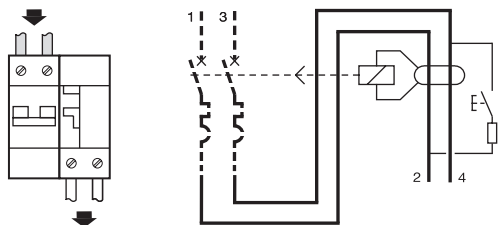
## RCCB add-ons

3 sensitivities 30mA, 100mA and 300mA instantaneous.

2 sensitivities 100mA and 300mA time delayed.

RCCB add-ons can be associated with devices rated from 0,5 to 63A in 2 and 4 poles.

## Wiring diagram



## Connection capacity



63A = 16mm<sup>2</sup>



63A = 25mm<sup>2</sup>

## Characteristics

Easy coupling (drawer system)

Easy disassembly (without damage)

Conforms to EN61009 appendix G

## Mounting

