

Moulded case circuit breakers x250

- Adjustable thermal and magnetic trip unit
- 3P and 4P
- Mechanical test button
- Lockable settings
- Integrated padlocking handle Ø 4mm
- Complies with IEC60947-2.

Connection:

- Terminal area width 25mm

Connection capacity:

- 185mm² rigid cables
- Collar terminals optional

Technical information:

- Visit our website at www.hagerelectro.com.au

*Please check availability with your local HBR sales office at time of order



HNB160U

	Description	In	Cat ref.	
			3P	4P*
new	MCCBs x250 40kA	160A	HNB160U	HNB161U
	- Breaking capacity Icu: 40 kA (400/415V AC) Ics: 20 kA			
	- Adjustable thermal 0.63 - 0.8 - 1x In	200A	HNB200U	HNB201U
	- Adjustable magnetic 6 - 8 - 10 - 13 x In (160/200A) 5 - 7 - 9 - 11 x In (250A)	250A	HNB250U	HNB251U
	- 4P neutral setting: 0 or 100%			

Main switches
Isolators

Indication contacts

- 1 changeover switch (ON/OFF): indicates the position of the MCCB is "open" or "closed".
- 1 changeover alarm contact: indicates MCCB tripping.

Coil connection

- Connection capacity: 0.75mm² flexible or rigid cables
- Optional connection cables. The cable capacity of the terminals is 0.5 to 1.25mm².

Shunt trip

- Remote tripping of MCCBs or trip-free switches. Operating voltage: 0.7 to 1.1 x Un.

Under voltage release

- Allows the tripping of MCCBs when voltage level drops between 35 and 70% of Un.
- Pick up voltage 0.85 x Un.

Direct rotary handle

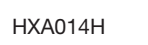
- Padlockable
- Equipped with front cover and handle
- Fixing without any additional screw.

Extended rotary handle

- IP55
- Supplied complete with shaft and handle.

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	Description	Characteristics	Cat ref.
	Auxiliary contacts AX AL	1 changeover contact 250V AC / 3A 125V DC / 0.4A 1NO + 1NC	HXA021H
		1 changeover alarm contact 250V AC / 3A 125V DC / 0.4A 1NO + 1NC	HXA024H
	Shunt trips SH	24V DC	HXA001H
		48V DC	HXA002H
		100 - 120V AC	HXA003H
		200 - 240V AC	HXA004H
		380 - 450V AC	HXA005H
	Undervoltage releases UV	24V DC	HXA011H
		100 - 120V AC	HXA013H
		200 - 240V AC	HXA014H
		380 - 450V AC	HXA015H
	Direct rotary handles Padlockable	Max Ø 6mm	HXB030H
	Extended rotary handles Padlockable	Max Ø 8mm 200mm	HXB031H
	Padlocking device To mount on MCCBs for handle locking 3 padlocks	Max Ø 8mm	HXA039H
	Motor operators	24V DC	HXB040H
		230 - 240V AC	HXB042H



HYB010H



HYB012H



HYB022H



HYB024H



HYB031H

	Description	Characteristics	Cat ref.	
			3P	4P
new	Interlocking	Wire type	HXB065H	HXB065H
new	Collar terminals Aluminium / copper conductors 150mm ² rigid cables 185mm ² flexible cables	Set of 4 pieces	HYB001H	HYB002H
new	Extended connections For straight connections	Set of 4 pieces	HYB010H	HYB010H
	For spreader connections	Set of 4 pieces	HYB011H	HYB012H
new	Rear connections	Set of 3 pieces	HYB031H	HYB032H
new	Interphase barriers	Set of 3 Height: 97mm	HYB019H	HYB019H
new	Terminal covers	For extended straight connections	HYB021H	HYB022H
		For extended spreader connections	HYB023H	HYB024H
		For rear connections	HYB025H	HYB026H
		For collar terminals	HYB027H	HYB028H