

Moulded case circuit breakers x160

- Thermal magnetic trip unit, 2 versions:
 - Z version: fixed thermal and fixed magnetic
 - U version: adjustable thermal and fixed magnetic
- 1P, 2P, 3P & 4P
- Mechanical test button, sealable settings, integrated padlocking handle Ø4mm.

Connection capacity:

- 95mm² rigid cables
- 70mm² flexible cables
- Comply with IEC60947-2.

Technical information:

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

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



HHA125U



HHA161U



HNA125U

Description	In	Cat ref.			
		1P	2P*	3P	4P*
MCCBs x160 25kA - Breaking capacity Ics: 20kA (400/415V AC) - Fixed thermal 1 x In - Fixed magnetic > 10 x In	16A	HHA014Z	HHA015Z	-	-
	20A	HHA018Z	HHA019Z	-	-
	25A	HHA023Z	HHA024Z	-	-
	32A	HHA030Z	HHA031Z	-	-
	40A	HHA038Z	HHA039Z	-	-
	50A	HHA048Z	HHA049Z	-	-
	63A	HHA061Z	HHA062Z	-	-
	80A	HHA078Z	HHA079Z	-	-
	100A	HHA098Z	HHA099Z	-	-
	125A	HHA123Z	HHA124Z	-	-
	160A	-	HHA159Z	-	-
MCCBs x160 25kA U - Adjustable thermal 0.63 - 0.8 - 1 x In - Fixed magnetic > 10 x In	25A	-	-	HHA025U	HHA026U
	40A	-	-	HHA040U	HHA041U
	63A	-	-	HHA063U	HHA064U
	80A	-	-	HHA080U	HHA081U
	100A	-	-	HHA100U	HHA101U
	125A	-	-	HHA125U	HHA126U
	160A	-	-	HHA160U	HHA161U
MCCBs x160 40kA - Breaking capacity Ics: 20kA (400/415V AC) - Adjustable thermal 0.63 - 0.8 - 1 x In - Fixed magnetic > 10 x In	25A	-	-	HNA025U	HNA026U
	40A	-	-	HNA040U	HNA041U
	63A	-	-	HNA063U	HNA064U
	80A	-	-	HNA080U	HNA081U
	100A	-	-	HNA100U	HNA101U
	125A	-	-	HNA125U	HNA126U
	160A	-	-	HNA160U	HNA161U

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: 0.75mm 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

- IP 55
- Supplied complete with shaft and handle.

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Description		Characteristics	Cat ref.
 HXA021H HXA024H	Auxiliary contacts	1 changeover contact (ON/OFF) 250V AC / 3A 125V DC / 0.4A 1NO + 1NC	HXA021H
	AX AL	1 changeover alarm contact 250V AC / 3A 125V DC / 0.4A 1NO + 1NC	HXA024H
 HXA014H	Shunt trips	24V DC	HXA001H
	SH	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

