

Moulded Case

Circuit Breakers h1000

- 3P & 4P
- Adjustable neutral 0 - 50% - 100%
- Mechanical test button, lockable settings.

Connection

- Direct on copper terminal, with end lug max. width: 50mm
- Comply with IEC60947-2.

Electronic trip unit LSI

- Long delay (thermal equivalent) adjustable:
I_r = 0,4 to 1 x I_n
- Short delay (magnetic equivalent) adjustable:
2,5 to 10 x I_r (630-800A)
2,5 to 8 x I_r (1000A)
- Time delay: 0.1-0.2s

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

Main switchgear



HNE970H

MCCBs h1000 50kA LSI

Description	I _n	Cat ref.	Cat ref.
		3P	4P*
- Breaking capacity I _{cu} : 50 kA (400/415V AC)	800A	HNE800H	HNE801H
I _{cs} : 50 kA	1000A	HNE970H	HNE971H
- Adjustable thermal I _r = 0,4 to 1 x I _n			
- Adjustable magnetic 2,5 to 10 x I _r (800A) 2,5 to 8 x I _r (1000A)			
- Time delay: 0.1-0.2s			
- Neutral setting from 0-50 to 100%			



HEE801H

MCCBs h1000 70kA LSI

Description	I _n	Cat ref.	Cat ref.
		3P	4P*
- Breaking capacity I _{cu} : 70 kA (400/415V AC)	800A	HEE800H	HEE801H
I _{cs} : 50 kA	1000A	HEE970H	HEE971H
- Adjustable thermal I _r = 0,4 to 1 x I _n			
- Adjustable magnetic 2,5 to 10 x I _r (800A) 2,5 to 8 x I _r (1000A)			
- Time delay: 0,1-0,2s			
- Neutral setting from 0-50 to 100%			

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. 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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Accessories

Description	Characteristics	Cat ref.
Auxiliary contacts AX AL	1 changeover contact 250V AC / 3A 125V DC / 0,4A 1NO + 1NC	HXC021H
	1 changeover alarm contact 250V AC / 3A 125V DC / 0,4A 1NO + 1NC	HXC024H
	Shunt trips SH	
Shunt trips SH	24V DC	HXC001H
	48V DC	HXC002H
	100 - 120V AC	HXC003H
	200 - 240V AC	HXC004H
Undervoltage releases UV	380 - 450V AC	HXC005H
	24V DC	HXE011H
	100 - 120V AC	HXE013H
Direct rotary handle Padlockable	200 - 240V AC	HXE014H
	380 - 450V AC	HXE015H
		HXE030H
Extended rotary handles Padlockable	Max Ø 8mm 320mm	HXE031H
	Padlocking device To mount on MCCB for handle locking 3 padlocks	Max Ø 8 mm
Motor operators	24 - 48V DC	HXE040H
	100 - 240V AC	HXE042H
Interlocking Wire type		HXE065H



HXC021H

HXC024H



HXC004H

HXC005H



HXD039H

Main switchgear

Accessories

Description	In	Cat ref. 3P	Cat ref. 4P*
Terminal covers - 2 pcs	For extended connections	HYE021H	HYE022H
	For rear connections	HYE025H	HYE026H
Rear connections	Set of 3 or 4 800A	HYE031H	HYE032H
	1000A	HYE033H	HYE034H



HYE031H