



HNA161H

Moulded Case Circuit Breaker h3 x160 MAG 3P3D 63A 40kA CTC

Technical Features

Electric current

Rated current I_N	63 A
Rated ultimate short-circuit breaking capacity I_{cu} under 400 V AC IEC 60947-2	40 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 240 V AC IEC 60947-2	85 kA
Rated service breaking capacity I_{cs} under 230 V AC according to IEC 60947-2	40 kA
Rated service breaking capacity I_{cs} under 400 V AC according to IEC 60947-2	20 kA

Architecture

Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral

Tripping

Response time when opening	10 ms
----------------------------	-------

Frequency

Frequency	50 - 60 Hz
-----------	------------

Voltage

Rated impulse withstand voltage U_{imp}	8000 V
Rated insulation voltage U_i	690 V
Rated operational voltage U_e	220 - 415 V

Functions

Trip unit	MAG (ICB)
-----------	-----------

Power

Power dissipation at I_N	12 W
----------------------------	------

Endurance

Electric endurance in number of cycles	10000
Number of mechanical operations	20000

Safety

Ingress Protection (IP) class	IP4X
-------------------------------	------

Connection

Cross-section flexible conductor	4 - 70 mm ²
Cross-section rigid conductor	4 - 95 mm ²

Installation, mounting

Nominal tightening torque	6 - 6 Nm
Mounting-/Connection Position	Front

Connectivity

Type of connection	Screw terminal
--------------------	----------------

Dimensions

Height	130 mm
Width	75 mm
Depth	68 mm

Compatibility

Suitable for DIN Rail	Yes
-----------------------	-----

Installation, mounting

Nominal tightening torque down terminal	6 - 6 Nm
Nominal tightening torque top terminal	6 - 6 Nm

Main electrical attributes	
Magnetic protection trip time	0 - 0 ms
Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes