



HNA025Z

Moulded Case Circuit Breaker h3 x160 TM FIX 3P3D 25A 40kA CTC

Technical Features

Electric current

Rated current	25 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	40 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	85 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	40 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	20 kA
Rated current 10°C according to IEC 60947	29,30 A
Rated current 15°C according to IEC 60947	28,80 A
Rated current 20°C according to IEC 60947	28,30 A
Rated current 25°C according to IEC 60947	27,70 A
Rated current 30°C according to IEC 60947	27,20 A
Rated current at 35°C according to IEC 60947	26,70 A
Rated current at 40°C according to IEC 60947	26,10 A
Rated current 45°C according to IEC 60947	25,50 A
Rated current 50°C according to IEC 60947	25 A
Rated current 55°C according to IEC 60947	24,40 A
Rated current at 60°C according to IEC 60947	23,70 A
Rated current 65°C according to IEC 60947	23,10 A
Rated current 70°C according to IEC 60947	22,50 A

Architecture

Number of poles	3
Neutral position	Without neutral

Tripping

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

Frequency

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

Voltage

Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	690 V

Functions

Trip unit	TM F/F
-----------	--------

Power

Total power loss under IN	13,70 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

Connectivity

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

Settings

Thermal protection knob setting xIN	1
	1

Product Datasheet

HNA025Z

Dimensions	
Height	130 mm
Width	75 mm
Depth	68 mm
Compatibility	
Suitable for DIN Rail	No
Main electrical attributes	
Magnetic protection trip time	0 - 0 ms
Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes