



HNA100U

Moulded Case Circuit Breaker h3 x160 TM ADJ 3P3D 100A 40kA CTC

Technical Features

Architecture

Number of poles	3
-----------------	---

Connection

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

Connectivity

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

Dimensions

Depth	68 mm
Height	130 mm
Width	75 mm

Electric current

Rated current	100 A
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 ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	40 kA

Endurance

Electric endurance in number of cycles	1500
Number of mechanical operations	20000

Frequency

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

Functions

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

Installation, mounting

Mounting-/Connection Position	Front
-------------------------------	-------

Power

Total power loss under I _N	35.70 W
---------------------------------------	---------

Safety

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

Settings

Thermal protection knob setting xI _N	0.63 0.8 1
---	------------------

Voltage

Rated impulse withstand voltage U _{imp}	8000 V
Rated insulation voltage U _i	690 V
Rated operational voltage U _e	220 - 415 V

Sustainability

REACH conform	Yes
RoHS conform	Yes