



HNA160U

Moulded Case Circuit Breaker X160 3P 40kA 160A

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
--------------------	----------------

Electric current

Rated current	160 A
Rated ultimate short-circuit breaking capacity I _{cu} under 240 V AC IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity I _{cu} under 400 V AC IEC 60947-2	40 kA

Endurance

Electric endurance in number of cycles	1000
Number of mechanical operations	4000

Frequency

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

Functions

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

Installation, mounting

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

Power

Total power loss under I _N	43.80 W
---------------------------------------	---------

Safety

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

Settings

Adjustment range short-term delayed short-circuit release	0 - 0 A
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