



HNA081H

Moulded Case Circuit Breaker h3 x160 TM ADJ 4P4D N0-100% 80A 40kA CTC

Technical Features

Electric current

Rated current	80 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

Architecture

Number of poles	4
-----------------	---

Electric current

Rated service breaking capacity I_{cs} under 400 V AC according to IEC 60947-2	20 kA
--	-------

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	TM A/F
-----------	--------

Power

Total power loss under I_N	32.10 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
--------------------	----------------

Settings

Thermal protection knob setting xIN	0.63 0.8 1
-------------------------------------	------------------

Dimensions

Height	130 mm
Width	100 mm
Depth	68 mm

Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes