



HDA098Z

Moulded Case Circuit Breaker h3 x160 TM FIX 1P1D 100A 18kA CTC

Technical properties

Electric current

Rated current	100 A
Rated ultimate short-circuit breaking capacity I_{cu} under 240 V AC IEC 60947-2	18 kA
Rated service breaking capacity I_{cs} under 230 V AC according to IEC 60947-2	18 kA

Architecture

Number of poles	1
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}	8,000 V
Rated insulation voltage U_i	690 V

Functions

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

Power

Total power loss under I_N	8.40 W
------------------------------	--------

Endurance

Electric endurance in number of cycles	1,000
Number of mechanical operations	4,000

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

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

Connectivity

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

Settings

Thermal protection knob setting xIN	1, 1
-------------------------------------	------

Dimensions

Height	130 mm
--------	--------

Width	25 mm
-------	-------

Depth	68 mm
-------	-------

Compatibility

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

Main electrical attributes

Magnetic protection trip time	0 - 0 ms
-------------------------------	----------