



HDA080U

Moulded Case Circuit Breaker h3 x160 TM ADJ 3P3D 80A 18kA CTC

Technical Features

Electric current

Rated current	80 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	18 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	25 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	25 kA

Architecture

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

Electric current

Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	18 kA
---	-------

Frequency

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

Voltage

Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	690 V
Rated operational voltage Ue	220 - 415 V

Functions

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

Power

Total power loss under IN	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

Connectivity

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

Settings

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

Dimensions

Height	130 mm
Width	75 mm
Depth	68 mm

Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes