



HNGxxU-3P

**Moulded Case Circuit Breaker h250 3P 50kA 160A TM**

**Technical Features**

**Electric current**

Rated current	160 A
---------------	-------

**Architecture**

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

**Electric current**

Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 400 V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2	85 kA

**Frequency**

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

**Voltage**

Rated impulse withstand voltage U <sub>imp</sub>	8000 V
Rated insulation voltage U <sub>i</sub>	800 V

**Functions**

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

**Main electrical attributes**

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

**Power**

Total power loss under I <sub>N</sub>	36 W
---------------------------------------	------

**Endurance**

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

**Safety**

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

**Use conditions**

Operating temperature	-25 - 70 °C
-----------------------	-------------

**Connection**

Cross-section flexible conductor	35 - 150 mm <sup>2</sup>
Cross-section rigid conductor	35 - 185 mm <sup>2</sup>
Connector/plug type	Terminal

**Installation, mounting**

Nominal tightening torque	12 - 12 Nm
Mounting-/Connection Position	Front

**Settings**

Thermal protection knob setting xI <sub>N</sub>	0.63 0.8 1
Adjustment range short-term delayed short-circuit release	0 - 0 A

**Sustainability**

REACH-SVHC free	Yes
RoHS conform	Yes