



HDS123EC

### Moulded Case Circuit Breaker h3+ P160 TM FIX 1P1D 125A 18kA CTC

#### Technical Features

##### Electric current

Rated current	125 A
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2	18 kA
Rated service breaking capacity I <sub>cs</sub> under 230 V AC according to IEC 60947-2	18 kA
Rated current 10°C according to IEC 60947	152.80 A
Rated current 15°C according to IEC 60947	149.60 A
Rated current 20°C according to IEC 60947	146.30 A
Rated current 25°C according to IEC 60947	143 A
Rated current 30°C according to IEC 60947	139.60 A
Rated current at 35°C according to IEC 60947	136.10 A
Rated current at 40°C according to IEC 60947	132.50 A
Rated current 45°C according to IEC 60947	128.80 A
Rated current 50°C according to IEC 60947	125 A
Rated current 55°C according to IEC 60947	121 A
Rated current at 60°C according to IEC 60947	117 A
Rated current 65°C according to IEC 60947	112.70 A
Rated current 70°C according to IEC 60947	108.40 A

##### Architecture

Number of poles	1
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral

##### 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 F/F
-----------	--------

##### Power

Total power loss under I <sub>N</sub>	11.70 W
---------------------------------------	---------

##### Endurance

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

##### Safety

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

##### Installation, mounting

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

##### Connectivity

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

##### Cover, door

Interlockable	No
---------------	----

##### Settings

Thermal protection knob setting xI <sub>N</sub>	1
	1

**Dimensions**

Height	130 mm
Width	30 mm
Depth	68 mm

**Compatibility**

Compatible with RDC AOB	No
Suitable for DIN Rail	No

**Sustainability**

REACH-SVHC free	Yes
RoHS conform	Yes