



HES100BC

### Moulded Case Circuit Breaker h3+ P160 MAG 3P3D 100A 70kA CTC

#### Technical Features

##### Electric current

Rated current	100 A
Rated ultimate short-circuit breaking capacity $I_{cu}$ under 400 V AC IEC 60947-2	70 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	85 kA
Rated service breaking capacity $I_{cs}$ under 400 V AC according to IEC 60947-2	50 kA

##### Architecture

Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral

##### Frequency

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

##### Voltage

Rated impulse withstand voltage $U_{imp}$	8000 V
Rated insulation voltage $U_i$	800 V

##### Functions

Trip unit	MAG (ICB)
-----------	-----------

##### Power

Total power loss under $I_N$	20.10 W
------------------------------	---------

##### Endurance

Electric endurance in number of cycles	10000
Number of mechanical operations	40000

##### Safety

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

##### Connection

Cross-section flexible conductor	6 - 70 mm <sup>2</sup>
Cross-section rigid conductor	6 - 95 mm <sup>2</sup>

##### Installation, mounting

Nominal tightening torque	6 - 6 Nm
Mounting-/Connection Position	Front

##### Connectivity

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

##### Cover, door

Interlockable	Yes
---------------	-----

##### Cable

Cable material	Copper
----------------	--------

##### Dimensions

Height	130 mm
Width	90 mm
Depth	97 mm

##### Compatibility

Compatible with RDC AOB	No
Suitable for DIN Rail	No
Suitable for distribution board	Yes

**Installation, mounting**

Nominal tightening torque down terminal	6 - 6 Nm
Nominal tightening torque top terminal	6 - 6 Nm

**Electrical protection**

Instantaneous protection (li): dial setting coefficient	6
	8
	10
	12

**Sustainability**

REACH-SVHC free	Yes
RoHS conform	Yes