



HES051BR

Moulded Case Circuit Breaker h3+ P160 MAG 4P4D 50A 70kA FTC

Technical Features

Electric current

Rated current	50 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 ultimate short-circuit breaking capacity I _{cu} under 660 V AC IEC 60947-2	6 kA
Rated ultimate short-circuit breaking capacity I _{cu} under 690 V AC IEC 60947-2	6 kA
Rated service breaking capacity I _{cs} under 400 V AC according to IEC 60947-2	50 kA

Architecture

Number of poles	4
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Left

Frequency

Frequency	50 - 60 Hz
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Voltage

Rated impulse withstand voltage U _{imp}	8000 V
Rated insulation voltage U _i	800 V

Functions

Trip unit	MAG (ICB)
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Power

Total power loss under I _N	22.50 W
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Endurance

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

Safety

Ingress Protection (IP) class	IP4X
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Connection

Cross-section flexible conductor	6 - 70 mm ²
Cross-section rigid conductor	6 - 95 mm ²

Installation, mounting

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

Cover, door

Interlockable	Yes
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Cable

Cable material	Copper Aluminium
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Dimensions

Height	130 mm
Width	120 mm
Depth	97 mm

Compatibility

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

Product Datasheet

HES051BR

Electrical protection	
Instantaneous protection (li): dial setting coefficient	6
	8
	10
	12
Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes