Product Datasheet
HES064BC

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Moulded Case Circuit Breaker h3+ P160 MAG 4P4D 63A 70kA CTC

Technical Features

Electric current	
Rated current	63 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	85 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity Icu under 660 V AC IEC 60947-2	6 kA
Rated ultimate short-circuit breaking capacity Icu under 690 V AC IEC 60947-2	6 kA
Rated service breaking capacity Ics 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
Voltage	
Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	800 V
Functions	
Trip unit	MAG (ICB)
Power	
Total power loss under IN	10.50 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^2
Cross-section rigid conductor	6 - 95 mm^2
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	120 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 (Ii): dial setting coefficient	6 8 10 12

Sustainability	
REACh-SVHC free	Yes
RoHS conform	Yes