Product Datasheet
HMS026DC

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Moulded Case Circuit Breaker h3+ P160 TM ADJ 4P4D N0-100% 25A 50kA CTC

Technical Features

Electric current	
Rated current	25 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	65 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	65 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	50 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 current 10°C according to IEC 60947	30.10 A
Rated current 15°C according to IEC 60947	29.60 A
Rated current 20°C according to IEC 60947	28.90 A
Rated current 25°C according to IEC 60947	28.30 A
Rated current 30°C according to IEC 60947	27.70 A
Rated current at 35°C according to IEC 60947	27 A
Rated current at 40°C according to IEC 60947	26.40 A
Rated current 45°C according to IEC 60947	25.70 A
Rated current 50°C according to IEC 60947	25 A
Rated current 55°C according to IEC 60947	24.30 A
Rated current at 60°C according to IEC 60947	23.50 A
Rated current 65°C according to IEC 60947	22.80 A
Rated current 70°C according to IEC 60947	22 A

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
Rated operational voltage Ue	220 - 690 V

Functions	
Trip unit	TM A/A

Power	
Total power loss under IN	19.50 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

Connectivity	
Type of connection	Screw terminal

Cover, door	
Interlockable	Yes

Settings

Thermal protection knob setting xIN	0.63 0.8 1

Cable

Cable material	Copper

Compatibility

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

Dimensions

Dimensions	130 x 120 mm
Height	130 mm
Width	120 mm
Depth	97 mm

Installation, mounting

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