Product Datasheet
HNC125H



HNC125H

Moulded Case Circuit Breaker h250 3P 50kA 125A LSI

Technical Features

Electric current	
Rated current	125 A
Architecture	
Number of poles	3
Electric current	
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	85 kA
Frequency	
Frequency	50 - 60 Hz
Voltage	
Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	800 V
Functions	
Trip unit	LSI
Main electrical attributes	
Magnetic protection trip time	100 - 200 ms
Power	
Total power loss under IN	18.30 W
Endurance	
Electric endurance in number of cycles	1000
Number of mechanical operations	4000
Safety	
Ingress Protection (IP) class	IP4X
Use conditions	
Operating temperature	-25 - 70 °C
Connection	
Cross-section flexible conductor	35 - 150 mm^2
Cross-section rigid conductor	35 - 185 mm^2
Connector/plug type	Terminal
Installation, mounting	
Nominal tightening torque	12 - 12 Nm
Mounting-/Connection Position	Front
Settings	
Thermal protection knob setting xIN	0.4 0.5 0.63 0.8 0.9 0.95 1
Adjustment range short-term delayed short-circuit release	0 - 0 A
Sustainability	
REACh-SVHC free	Yes
RoHS conform	Yes