Product datasheet

Specifications





CIRCUIT BREAKER, IEC 6A NEH MAG TRIP

28104

- ! Discontinued on: 17 May 2019
- ! End-of-service on: 8 Sept 2020

(!) Discontinued

Main

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Range Of Product	NS80H-MA	
Product Or Component Type	Circuit breaker	
Device Short Name	Compact NS80H	
Circuit Breaker Name	Compact NS80H	
Device Application	Motor	
Poles Description	3P	
Protected Poles Description	3t	
Network Type	AC	
Network Frequency	50/60 Hz	
[In] Rated Current	80 A at 65 °C	
[Ui] Rated Insulation Voltage	750 V AC 50/60 Hz conforming to IEC 60947-2	
[Uimp] Rated Impulse Withstand Voltage	8 kV conforming to IEC 60947-2	
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-2	
Breaking Capacity Code	Н	
Breaking Capacity	10 kA at 600 V AC 50/60 Hz conforming to NEMA AB1 100 kA at 240 V AC 50/60 Hz conforming to NEMA AB1 65 kA at 480 V AC 50/60 Hz conforming to NEMA AB1 100 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 6 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2	
[Ics] Rated Service Breaking Capacity	100 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 6 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 65 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2	
Suitability For Isolation	Yes conforming to IEC 60947-2	
Utilisation Category	Category A	
Trip Unit Name	MA	
Trip Unit Technology	Magnetic	
Trip Unit Rating	6.3 A	
Protection Type	Short-circuit protection (magnetic)	
Pollution Degree	3 conforming to IEC 60947	

Complementary

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Control Type	Toggle	
Mounting Mode	Fixed	
Mounting Support	Backplate	
Upside Connection	Tunnel terminal	
Downside Connection	Tunnel terminal	
Mechanical Durability	20000 cycles	
Electrical Durability	10000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 7000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2	
Local Signalling	Positive contact indication	
Instantaneous Pick-Up Adjustment Type Ii	Adjustable	
Instantaneous Pick-Up Adjustment Range	614 x ln	
Zone Selective Interlocking Zsi	Without	
Earth-Leakage Protection	Without	
Height	120 mm	
Width	90 mm	
Depth	80 mm	

Environment

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Standards	IEC 60947-2	
Product Certifications	ASEFA KEMA ASTA LCIE	
Ip Degree Of Protection	IP40 conforming to IEC 60529	
Ik Degree Of Protection	IK07 conforming to EN 50102	
Ambient Air Temperature For Operation	-2570 °C	
Ambient Air Temperature For Storage	-5085 °C	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.5 cm
Package 1 Width	13 cm
Package 1 Length	15.6 cm
Package 1 Weight	988 g

Contractual warranty

Warranty	18 months
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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information