



HNA080U

Moulded Case Circuit Breaker h3 x160 TM ADJ 3P3D 80A 40kA CTC

Technical Features

Architecture

Number of poles	3
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Connection

Cross-section flexible conductor	4 - 70 mm ²
Cross-section rigid conductor	4 - 95 mm ²

Connectivity

Type of connection	Screw terminal
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Dimensions

Depth	68 mm
Height	130 mm
Width	75 mm

Electric current

Rated current	80 A
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	40 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	20 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	40 kA

Endurance

Electric endurance in number of cycles	1000
Number of mechanical operations	4000

Frequency

Frequency	50 - 60 Hz
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Functions

Trip unit	TM A/F
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Power

Total power loss under I _N	32.10 W
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Safety

Ingress Protection (IP) class	IP4X
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Settings

Thermal protection knob setting xI _N	0.63 0.8 1
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Voltage

Rated impulse withstand voltage U _{imp}	8000 V
Rated insulation voltage U _i	690 V
Rated operational voltage U _e	220 - 415 V

Sustainability

REACH conform	Yes
RoHS conform	Yes