



HDA080U

Moulded Case Circuit Breaker h3 x160 TM ADJ 3P3D 80A 18kA CTC

Technical characteristics

Electric current

Rated current	80 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	18 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	25 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	25 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	18 kA

Architecture

Number of poles	3
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Frequency

Frequency	50 - 60 Hz
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Voltage

Rated impulse withstand voltage Uimp	8,000 V
Rated insulation voltage Ui	690 V
Rated operational voltage Ue	220 - 415 V

Functions

Trip unit	TM A/F
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Power

Total power loss under IN	32.10 W
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Endurance

Electric endurance in number of cycles	1,000
Number of mechanical operations	4,000

Safety

Ingress Protection (IP) class	IP4X
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Connection

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

Installation, mounting

Mounting-/Connection Position	Front
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Connectivity

Type of connection	Screw terminal
Settings	
Thermal protection knob setting xIN	0.63, 0.8, 1
Dimensions	
Height	130 mm
Width	75 mm
Depth	68 mm