



HNA081U

Moulded Case Circuit Breaker x160 4P 40kA 80A

Technical Features

Electric current

Rated current I_N	80 A
Rated ultimate short-circuit breaking capacity I_{cu} under 400 V AC IEC 60947-2	40 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 240 V AC IEC 60947-2	25 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 690 V AC IEC 60947-2	4 kA

Architecture

Number of poles	4
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Frequency

Frequency	50 - 60 Hz
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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

Functions

Trip unit	TM A/F
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Power

Power dissipation at I_N	32.10 W
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Endurance

Electric endurance in number of cycles	10000
Number of mechanical operations	20000

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

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

Connectivity

Type of connection	Screw terminal
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Settings

Thermal protection knob setting $\times I_N$	0.63 0.8 1
Adjustment range short-term delayed short-circuit release	0 - 0 A