

# Product Datasheet

## HDA025U



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### Moulded Case Circuit Breaker h3 x160 TM ADJ 3P3D 25A 18kA CTC

#### Technical Features

##### Electric current

Rated current	25 A
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 400 V AC IEC 60947-2	18 kA
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2	25 kA
Rated service breaking capacity I <sub>cs</sub> under 230 V AC according to IEC 60947-2	25 kA

##### Architecture

Number of poles	3
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##### Electric current

Rated service breaking capacity I <sub>cs</sub> under 400 V AC according to IEC 60947-2	18 kA
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##### Frequency

Frequency	50 - 60 Hz
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##### Voltage

Rated impulse withstand voltage U <sub>imp</sub>	8000 V
Rated insulation voltage U <sub>i</sub>	690 V
Rated operational voltage U <sub>e</sub>	220 - 415 V

##### Functions

Trip unit	TM A/F
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##### Power

Total power loss under I <sub>N</sub>	13.70 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 <sup>2</sup>
Cross-section rigid conductor	4 - 95 mm <sup>2</sup>

##### Installation, mounting

Mounting-/Connection Position	Front
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##### Connectivity

Type of connection	Screw terminal
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##### Settings

Thermal protection knob setting xI <sub>N</sub>	0.63 0.8 1
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##### Dimensions

Height	130 mm
Width	75 mm
Depth	68 mm

##### Sustainability

REACH-SVHC free	Yes
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