

# HHA100U

Moulded Case Circuit Breaker h3 x160 TM ADJ 3P3D 100A 25kA CTC



## More Information

Frequency (range for ETIM)	50/60 Hz
Rating current 35°C according to IEC 60947-2	108.6 A
Can be accessorized	Yes
DIN rail mounting with optional adaptor	No
Altitude	2000 m
Thermal protection nob setting xIN	0.63 / 0.8 / 1
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	35 kA
Rated service breaking capacity Ics under 415V AC according IEC 60947-2	20 kA
Rated service breaking capacity Ics under 380V AC according IEC 60947-2	20 kA
Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	35 kA
Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2	25 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	25 kA
Rated current	100 A
Rated service breaking capacity Ics under 400V AC according IEC 60947-2	20 kA
Rating current 10°C according to IEC 60947-2	121.6 A

Rating current 150°C according to IEC 60947-2	119.1 A
Trip Unit	TM A;F
Rating current 20°C according to IEC 60947-2	116.6 A
Rated service breaking capacity Ics under 240V AC according IEC 60947-2	25 kA
Rated service breaking capacity Ics under 230V AC according IEC 60947-2	25 kA
Rated service breaking capacity Ics under 220V AC according IEC 60947-2	25 kA
Height of installed product	130 mm
Frequency	50;60 Hz
Number of protected poles	3
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	25 kA
Rating current 30°C according to IEC 60947-2	111.3 A
Type of pole	3P3D
Critical distance switching emission/earthed part left	50 mm
Power loss per pole at In	11.9 W
Depth of installed product	68 mm
With under voltage release	No
Number of mechanical operations	4000
Electric endurance in number of cycles	1000
Number of poles	3 P
Fixing mode	DIN rail type O or type J
Critical distance switching emission/between products sides	0 mm
Critical distance switching emission/live part	50 mm
Critical distance switching emission/insulated plate	30 mm
Critical distance switching emission/earthed part top	40 mm
Critical distance switching emission/earthed part right	50 mm
Critical distance switching emission/earthed part bottom	40 mm
Number of auxiliary contacts as change-over contact	0
Width of installed product	75 mm
Temperature of calibration	50 °C
Range of the thermal adjustment	63 / 80 / 100 A
Range of the magnetic adjustment	1500 A
Protection index IP	IP4X
Rating current 70°C according to IEC 60947-2	87.1 A
Rating current 65°C according to IEC 60947-2	90.5 A
Rating current 60°C according to IEC 60947-2	93.8 A
Rating current 55°C according to IEC 60947-2	96.9 A
Rating current 50°C according to IEC 60947-2	100 A
Rating current 45°C according to IEC 60947-2	102.9 A
Rating current 40°C according to IEC 60947-2	105.8 A
Total power loss under IN	35.7 W
Motor drive optional	No
Rating current 25°C according to IEC 60947-2	114 A

Compatible with DIN rail mounting	No
Type of connection	with screw
Standard text	IEC 60947-2
European directive WEEE	concerned
Trip information on fault	Yes
Rated operational voltage Ue	220 / 415 V
Rated insulation voltage	690 V
Rated impulse withstand voltage	8000 V
Product categories described in the W3E directive 2012/19/EU	Category 5
Integrated earth fault protection	No
Complete device with protection unit	No
Motor drive integrated	No
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as normally closed contact	0
Unit	PCE
Sales status	3C
EAN	3250613130770