



HHA125H

Moulded Case Circuit Breaker X160 3P 25kA 125A

Technical characteristics

Architecture

Type of order	Toggle
Number of poles	3 P

Functions

Complete device with protection unit	Yes
Trip Unit	TM A/F
Integrated earth fault protection	No

Configuration

Number of modules	4,5
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Main electrical features

Rated operational voltage Ue	220 / 415 V
Frequency	50/60 Hz

Voltage

Rated insulation voltage	690 V
With under voltage release	No

Electric current

Rated current	125 A
Thermal protection nob setting xIN	0,63 / 0,8 / 1
Breaking capacity on 1 pole for IT 230V NF 60947-2	21 kA
Breaking capacity on 1 pole for IT 400V NF 60947-2	9 kA
Rated service breaking capacity Ics AC according IEC 60947-2	80 %
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	35 kA
Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	35 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	25 kA
Rated ultimate short-circuit breaking capacity Icu under 440V AC IEC 60947-2	20 kA

Current correction factors

Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3 devices placed side-by-side	1
Correction factor of rating current for 4 and 5 devices placed side-by-side	1
Correction factor of rating current for 6 devices placed side-by-side	1

Power

Total power loss under IN	33 W
Power loss per pole at In	11 W
Tripping	
Thermal protection trip time	0 ms
Time of response when opening	10 ms
Endurance	
Number of mechanical operations	4000
Installation, mounting	
Tightening torque	6Nm
DIN rail mounting with optional adaptator	No
Connection	
Connection cross-sect. flexible conductor	4 / 70mm ²
Connection cross-sect. rigid cable	4 / 95mm ²
Connection	Front connection
Type of connection	with screw
Settings	
Range of the magnetic adjustment	1500 A
Setting type In or Ith	IN
Equipment	
Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as change-over contact	0
Motor drive optional	No
Use cases	
Category of use	A
Standards	
Standard text	IEC 60947-2
European directive WEEE	concerned
Safety	
Protection index IP	IP4X
Use conditions	
Altitude	2000 m
Air humidity protection	for all climates
Storage/transport temperature	-35...70 °C