



HHA101H

Moulded Case Circuit Breaker X160 4P 25kA 100A

Technical properties

Arc	hi	+~	-	IIFO

Type of order	Toggle
Number of poles	4 P
Type of pole	4P4D
Functions	
Complete device with protection unit	Yes
Trip Unit	TM A/F
Integrated earth fault protection	No
Configuration	
Number of modules	6
Main electrical features	
Rated operational voltage Ue	220 / 415 V
Frequency	50/60 Hz
Voltage	
Rated insulation voltage	690 V
Rated impulse withstand voltage	8 kV
With under voltage release	No
Electric current	
Rated current	100 A
Rated ultimate short-circuit breaking capacity Icu under 690V AC IEC 60947-2	4 kA
Thermal protection nob setting xIN	0.63 / 0.8 / 1
Thermal setting current on neutral pole	1 In
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 415V AC IEC 60947-2	25 kA

Correction factor of rating current for 2 devices placed side-by-side 1 activation factor of rating current for 3 devices placed side-by-side 1 activation factor of rating current for 3 devices placed side-by-side 1 activation factor of rating current for 4 and 5 devices placed side-by-side 1 activation factor of rating current for 6 devices placed side-by-side 1 activation factor of rating current for 6 devices placed side-by-side 1 activation factor of rating current for 6 devices placed side-by-side 1 activation factor of rating current for 6 devices placed side by-side 1 activation factor of rating current for 6 devices placed side by-side 1 activation factor of rating current for 6 devices placed side by-side 1 activation factor of rating current for 6 devices placed side by-side 1 activation factor of rating current for 8 devices placed side by-side 1 activation factor of rating current for 8 devices placed side by-side 1 activation factor f	Rated ultimate short-circuit breaking capacity Icu under 440V AC IEC 60947-2	20 kA
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Category of use A	Use cases	
	Category of use	А

Standards	
Standard text	IEC 60947-2
Use conditions	
Operating temperature	-2570 °C
Altitude	2000 m
Air humidity protection	for all climates
Storage/transport temperature	-3570 °C