



HDA021Z

Moulded Case Circuit Breaker X160 4P 18kA 20A

Technical properties

- A	wel	. :		ure
\mathbf{A}	rcr	HLE	ec u	ure

Type of order	Toggle
Number of poles	4 P
Type of pole	4P4D
Functions	
Complete device with protection unit	Yes
Trip Unit	TM F/F
With integrated earth leakage 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	20 A
Rated ultimate short-circuit breaking capacity Icu under 690V AC IEC 60947-2	4 kA
Thermal protection nob setting xIN	1
Thermal setting current on neutral pole	1 In
Breaking capacity on 1 pole for IT 230V NF 60947-2	15 kA
Breaking capacity on 1 pole for IT 400V NF 60947-2	9 kA
Rated service breaking capacity Ics AC according IEC 60947-2	100 %
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	25 kA
Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	25 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	18 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	18 kA

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