

# 18425

miniature circuit breaker Multi 9 - C120H - 3  
poles - 100 A - B curve



## Main

Circuit breaker application	Distribution
Range of product	C120
Device short name	C120H
Poles description	3P
Number of protected poles	3
[In] rated current	100 A 30 °C
Network type	AC
Network frequency	50/60 Hz
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	Icu 30 kA at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 15 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 10 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Limitation class	3 conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
9 mm pitches	9

## Complementary

[Ue] rated operational voltage	440 V AC 50/60 Hz
Magnetic tripping limit	3...5 x In
Rated service breaking capacity	Ics 5 kA 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 7.5 kA 230...240 V AC 50/60 Hz conforming to IEC 60947-2 Ics 15 kA 130 V AC 50/60 Hz conforming to IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Contact position indicator	Yes
Local signalling	Positive break indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Height	81 mm
Width	81 mm
Depth	73 mm
Product weight	0.615 kg
Mechanical durability	20000 cycles
Electrical durability	5000 cycles conforming to IEC 60947-2
Connections - terminals	Tunnel type terminals 1.5...35 mm <sup>2</sup> flexible Tunnel type terminals 1...50 mm <sup>2</sup> rigid
Wire stripping length	15 mm
Tightening torque	3.5 N.m

## Environment

IP degree of protection	IP2 conforming to IEC 60947-2
Pollution degree	3 conforming to IEC 60947-2
Operating altitude	2000 m
Ambient air temperature for operation	-30...60 °C

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Ambient air temperature for storage	-40...70 °C
RoHS EUR conformity date	0702
RoHS EUR status	Compliant