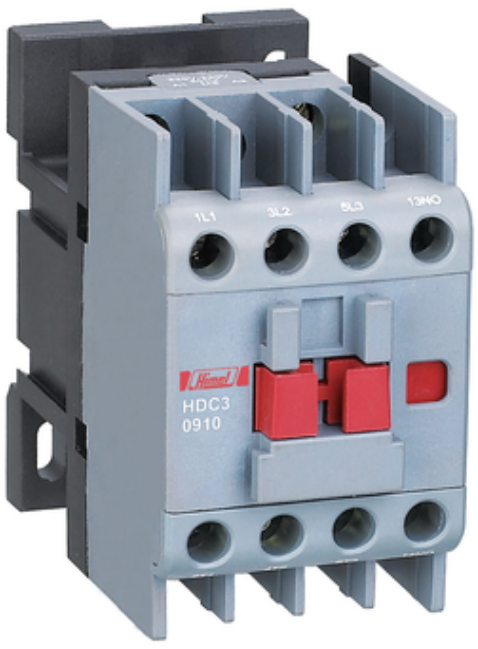
Nov 25, 2026

Product data sheet

HDC31811F7

Characteristics

Contactor, HDC3-1811, 110 V, 50/60 Hz



Main

Range of product	HDC3
Product or component type	Contactor
Contactor application	Non-reversing
Poles description	3P
[Ith] conventional free air thermal current	32 A

Complementary

Utilisation category	AC-3 AC-4
[In] rated current	18 A
[Uc] control circuit voltage	110 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 1 NC
[Ui] rated insulation voltage	690 V
[Ie] rated operational current	18 A at 380/400 V AC-3 12 A at 660/690 V AC-3 7.7 A at 380/400 V AC-4 3.8 A at 660/690 V AC-4
Motor power kW	7.5 kW at 380/400 V AC-3 10 kW at 660/690 V AC-3 4 kW at 380/400 V AC-4 3.7 kW at 660/690 V AC-4

Environment

Installation category	III
Pollution degree	3
Ambient air temperature for operation	-5…40 °C
Average ambient air temperature for operation	= 35 °C (average over 24 hours)
Ambient air temperature for storage	-25…55 °C
Operating altitude	2000 m
Standards	IEC 60947-4-1
Product certifications	CB CE SEMKO
IP degree of protection	IP20
Relative humidity	0…50 % at 0…40 °C 0…90 % at 0…20 °C

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1