

Product data sheet

Characteristics

HDC31811M7

Contactor, HDC3-1811, 220/230 V, 50/60 Hz



Main

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

Complementary

Utilisation category	AC-3 AC-4
[I _n] rated current	18 A
[U _c] control circuit voltage	220/230 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 1 NC
[U _i] rated insulation voltage	690 V
[I _e] 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