



Product data sheet

HDC3S120M7

Characteristics

HDC3S-120 2NO+2NC AC/DC 220/230V 50/60Hz RoHS



Main

Range of product	HDC3S
Product or component type	Contactor
Contactor application	Non-reversing
Poles description	3P
[Ith] conventional free air thermal current	200 A 200 A 200 A

Complementary

Utilisation category	AC-3
[Uc] control circuit voltage	220/230 V AC/DC 50/60 Hz
Auxiliary contact composition	2 NO + 2 NC
[Ui] rated insulation voltage	690 V
[Ie] rated operational current	120 A at 220/230 V AC-3 120 A at 380/400 V 86 A at 660/690 V
Motor power kW	37 kW at 220/230 V AC-3 55 kW at 380/400 V AC-3 80 kW at 660/690 V AC-3

Environment

Installation category	III III III
Ambient air temperature for operation	-5...40 °C -5...40 °C -5...40 °C
Average ambient air temperature for operation	= 35 °C (average over 24 hours)
Ambient air temperature for storage	-25...55 °C -25...55 °C -25...55 °C
Operating altitude	2000 m 2000 m 2000 m
Standards	IEC 60947-4-1 IEC 60947-4-1 IEC 60947-4-1
Product certifications	CB CE SEMKO
IP degree of protection	IP00 IP00 IP00
Relative humidity	0...50 % at 0...40 °C 0...90 % at 0...20 °C

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Packing Units

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