



Product data sheet

HDC3S185M7

Characteristics

HDC3S-185 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	275 A
	275 A
	275 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	185 A at 220/230 V AC-3
	185 A at 380/400 V
	107 A at 660/690 V
Motor power kW	55 kW at 220/230 V AC-3
	90 kW at 380/400 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

Packing Units

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