Nov 22, 2026

Product data sheet

HDP17Z8040

Characteristics

Motor circuit breaker, HDP17Z, 80A frame, 25...40A



Main

Range of product	HDP17Z
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	80A
Trip unit rating	25…40 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	480 A
Utilisation category	AC-15 DC-13
Motor power kW	16 kW at 400/415 V AC 50/60 Hz AC-3
[Ui] rated insulation voltage	690 V
[Uimp] rated impulse withstand voltage	6 kV
Motor tripping class	10 A
Tightening torque	1.7 N.m
Mechanical durability	100000 cycles
Electrical durability	100000 cycles for AC-3 at 400 V
Height	90 mm
Width	45 mm
Depth	68 mm

Environment

Pollution degree	3
Average ambient air temperature for operation	30 °C
Ambient air temperature for operation	-5…40 °C
Ambient air temperature for storage	-25…55 °C
Operating altitude	2000 m
Standards	EN/IEC 60947-1 EN/IEC 60947-2 EN IEC 60947-4-1
Product certifications	CE KEMA
IP degree of protection	IP20
Relative humidity	0…91 %

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Packing Units

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

Offer Sustainability

Sustainable packaging	No