

## Product data sheet

## HDP17Z8080

### Characteristics

Motor circuit breaker, HDP17Z, 80A frame, 56...80A



### Main

Range of product	HDP17Z
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	80A
Trip unit rating	56...80 A
Trip unit technology	Thermal-magnetic

### Complementary

Poles description	3P
Magnetic tripping current	960 A
Utilisation category	AC-15 DC-13
Motor power kW	25 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...93 %

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**Packing Units**

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