Oct 30, 2026

Product data sheet

HDP6324

Characteristics

Motor circuit breaker, HDP6, 32A frame, 2.5..4 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	2.5…4 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	51 A
Utilisation category	AC-15 DC-13
Motor power kW	1.5 kW at 400/415 V 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…90 %

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Himel nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

Sustainable packaging	No