

Product data sheet

HDP632P63

Characteristics

Motor circuit breaker, HDP6, 32A frame, 0.4..0.63 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	0.4...0.63 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	8 A
Utilisation category	AC-15 DC-13
Motor power kW	0.12 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 %

Product data sheet

HDP6321

Characteristics

Motor circuit breaker, HDP6, 32A frame, 0.63..1 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	0.63...1 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	13 A
Utilisation category	AC-15 DC-13
Motor power kW	0.25 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 %

Product data sheet

HDP6321P6

Characteristics

Motor circuit breaker, HDP6, 32A frame, 1..1.6 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	1...1.6 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	22.5 A
Utilisation category	AC-15 DC-13
Motor power kW	0.37 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 %

Product data sheet

HDP6322P5

Characteristics

Motor circuit breaker, HDP6, 32A frame, 1.6..2.5 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	1.6...2.5 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	33.5 A
Utilisation category	AC-15 DC-13
Motor power kW	0.75 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 %

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 %

Product data sheet

HDP6326P3

Characteristics

Motor circuit breaker, HDP6, 32A frame, 4..6.3 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	4...6.3 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	78 A
Utilisation category	AC-15 DC-13
Motor power kW	2.2 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 %

Product data sheet

HDP63210

Characteristics

Motor circuit breaker, HDP6, 32A frame, 6..10 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	6...10 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	138 A
Utilisation category	AC-15 DC-13
Motor power kW	4 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 %

Product data sheet

HDP63214

Characteristics

Motor circuit breaker, HDP6, 32A frame, 9..14 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	9...14 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	170 A
Utilisation category	AC-15 DC-13
Motor power kW	5.5 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 %

Product data sheet

HDP63218

Characteristics

Motor circuit breaker, HDP6, 32A frame, 13..18 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	13...18 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	223 A
Utilisation category	AC-15 DC-13
Motor power kW	7.5 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 %

Product data sheet

HDP63223

Characteristics

Motor circuit breaker, HDP6, 32A frame, 17..23 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	17...23 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	327 A
Utilisation category	AC-15 DC-13
Motor power kW	9 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 %

Product data sheet

HDP63225

Characteristics

Motor circuit breaker, HDP6, 32A frame, 20..25 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	20...25 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	327 A
Utilisation category	AC-15 DC-13
Motor power kW	11 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 %

Product data sheet

HDP63232

Characteristics

Motor circuit breaker, HDP6, 32A frame, 24...32 A



Main

Range of product	HDP6
Product or component type	Motor circuit breaker
Device application	Motor protection
Frame size	32A
Trip unit rating	24...32 A
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Magnetic tripping current	416 A
Utilisation category	AC-15 DC-13
Motor power kW	15 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 %

