Nov 08, 2026

Product data sheet

HDM3E16XM12X33XXT

Characteristics

Molded case circuit breaker, HDM3E, 1600A, 3P, electronic, 1250 A, 400 V AC, 50 C



Main

Range of product	HDM3E
Product or component type	Enclosed moulded case circuit breaker
Poles description	3P
[In] rated current	1250 A
Trip unit technology	Electronic

Complementary

[Ue] rated operational voltage	400/415 V
Network type	AC
Network frequency	50/60 Hz
[Ui] rated insulation voltage	1000 V
[Uimp] rated impulse withstand voltage	12 kV
[Icu] ultimate breaking capacity	50 kA
[Ics] rated service breaking capacity	50 kA
[Icw] rated short-time withstand current	42 kA duration: 1 s
Mechanical durability	12500 cycles
Electrical durability	6000 cycles on AC at 400/415 V
Height	327 mm
Width	280 mm
Depth	190 mm

Environment

Product certifications	CE TÜV
Standards	EN/IEC 60947-1 EN/IEC 60947-2
Pollution degree	3
IP degree of protection	IP20
Rated ambient air temperature	50 °C
Ambient air temperature for storage	-40…70 °C
Operating altitude	2000 m
Relative humidity	0…90 %

Packing Units

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

Offer Sustainability

Sustainable packaging	No