

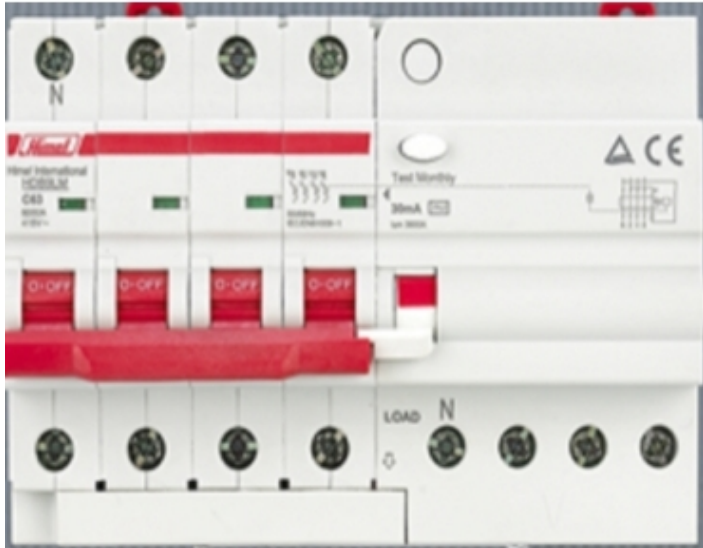


Product data sheet

HDB9LM636C20TE

Characteristics

Residual Current Operated Circuit Breaker HDB9LM63AF 3P+N20A300mA withenclosure

	Main	
	Range of product	HDB9LM
	Product or component type	Residual current breaker with overcurrent protection (RCBO)
	Frame size	63AF
	Mechanical durability	2000 cycles
	Electrical durability	2000 cycles
	Suitability for isolation	Yes
	Trip unit technology	Thermal-magnetic
	Device application	Isolation Control

Complementary

Poles description	3P + N
[In] rated current	20.0 A
[Ue] rated operational voltage	415 V AC 50...60 Hz
Residual current	300.0 mA
[Uimp] rated impulse withstand voltage	4.0 kV
Curve code	C
Magnetic tripping limit	5...10 x In
Breaking capacity	6.0 kA
[Ui] rated insulation voltage	500 V
Protection type	Short-circuit protection Overload protection Earth-leakage protection Residual current breaker with overcurrent protection (RCBO)
Fault indication	Fault sensing
Cable entry	Top
Mounting support	35 mm DIN rail
Clamping connection capacity	= 25 mm²
Tightening torque	2...3 N.m
Connections - terminals	Forked type tag connectors
Height	101 mm
Width	135.0 mm
Depth	78.5 mm

Environment

Tropicalisation

IP degree of protection	IP20
Pollution degree	2
Electrical shock protection class	Class II
Ambient air temperature for operation	-5...55 °C
Standards	IEC 61009-1 IEC 61009-2-1
Product certifications	CE RoHS TÜV

Offer Sustainability

Sustainable packaging	No
RoHS exemption information	Yes