[Himel]

Product data sheet

HDB3W125H3C125

Characteristics

Miniature circuit breaker, HDB3w-125, 27 mm, AC, 10 kA, 3P, C curve, 125 A



Range of product	HDB3w-125	
Product or component type	Miniature circuit-breaker Isolation	
Device application		
Trip unit technology	Thermal-magnetic	
Suitability for isolation	Yes	
Mechanical durability	7000.0 cycles	
Electrical durability	1000.0 cycles	

Complementary

Poles description	3P		
[In] rated current	125 A		
[Ue] rated operational voltage	400 V AC 50/60 Hz		
Curve code	С		
Magnetic tripping limit	8.5 x In		
Breaking capacity	10 kA		
[Ui] rated insulation voltage	250.0 V between phase and ground 500.0 V between phases		
[Uimp] rated impulse withstand voltage	$4.0~\mathrm{kV}$		
Cable entry	Top Bottom		
Mounting support	35 mm DIN rail		
Protection type	Overload protection Short-circuit protection		
Connections - terminals	Forked type tag connectors		
Clamping connection capacity	= 50 mm ²		
Tightening torque	3.5 N.m		
Height	86.4 mm		
Width	81.0 mm		
Depth	77.5 mm		
Embedding depth	44.0 mm		
Net weight	0.5013888888888889 kg		
E-commerce address	Hdb3w-125-mcb-27mm-up-to-125a-10ka-breaking-capacity-1		

Main

Environment

Dielectric test voltage	2.0 kV 50/60 Hz 1 min
Shock resistance	30 gn (duration = 11.0 ms) for 3 shocks

Standards	IEC 60947-2	
IP degree of protection	IP20	
Pollution degree	2	
Ambient air temperature for operation	-2060 °C	
Ambient air temperature for storage	-4070 °C	
Packing Units		
Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	8.100 cm	
Package 1 Width	8.640 cm	
Package 1 Length	7.750 cm	
	0.5013888888888889 kg	

Sustainable packaging	No	