# [Himel]

## **Product data sheet**

## HDB3WHL3C16

#### Characteristics

#### Miniature circuit breaker HDB3WH - 18 mm AC - C - 3P - 4.5 kA - 16 A



Main	
Range of product	HDB3wH
Product or component type	Miniature circuit-breaker
Device application	Isolation Control
Trip unit technology	Thermal-magnetic
Suitability for isolation	Yes
Mechanical durability	20000.0 cycles
Electrical durability	7000.0 cycles

### Complementary

Poles description	3P
[In] rated current	16 A
[Ue] rated operational voltage	415 V AC 50/60 Hz
Curve code	С
Magnetic tripping limit	510 x In
Breaking capacity	4.5 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
Overvoltage category	II
Connections - terminals	Forked type tag connectors
Clamping connection capacity	= 25 mm <sup>2</sup>
Tightening torque	2.5 N.m
Height	80 mm
Width	53.0999999999994 mm
Depth	78.5 mm
Embedding depth	69.0 mm

## **Environment**

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

Standards	EN/IEC 60898-1
IP degree of protection	IP20
Pollution degree	2
Ambient air temperature for operation	-2060 °C
Ambient air temperature for storage	-4070 °C
Offer Sustainability	
Sustainable packaging	No