Sep 09, 2026

Product data sheet

HDW316M103DHNN54H

Characteristics

Air circuit breaker, HDW3, 1600AF, 1000 A, 3P, drawout horizontal, 4 NO + 4 NC

Main

Range of product	HDW3
Product or component type	Air circuit breaker
Frame size	1600AF
[Icu] ultimate breaking capacity	50 kA at 400 V load 35 kA at 690 V load
[Ics] rated service breaking capacity	42 kA at 400 V 35 kA at 690 V
[Icw] rated short-time withstand current	42 kA at 400 V duration: 1 s 35 kA at 690 V duration: 1 s

Complementary

[In] rated current	1000 A
Poles description	3P
Mounting mode	Drawout
Mounting position	Horizontal
[Uc] Control circuit voltage	230 V AC: motor mechanism (MCH) + closing release (XF) 230 V AC: shunt release (MX)
Voltage release type	Without undervoltage release
Maximum tripping time	25 ms
Maximum closing response time	70 ms
Auxiliary contact composition	4 NO + 4 NC
Product compatibility	Series intelligent controller iTR326H advance protection
Height	322 mm
Width	288 mm
Depth	330 mm
Net weight	34 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	38 cm
Package 1 Width	37 cm
Package 1 Length	45 cm
Package 1 Weight	34 kg

Offer Sustainability

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Sustainable packaging	No