Nov 10, 2026

Product data sheet

HDY3N406440

Characteristics

Surge protection device, HDY3N, 40kA, 3P+N, 440V



Main

Range of product	HDY3N
Product or component type	Surge protection device
Body type	Plug-in

Complementary

Poles description	3P + N
Nominal discharge current	20.0 kA
Maximum discharge current	40.0 kA
[Uc] maximum continuous operating voltage	385 V
Maximum [Up] voltage protection level	2.0 kV
Remote signalling	Without
[Ue] rated operational voltage	125 V
Local signalling	Indicator light
Mounting support	35 mm DIN rail
Location of connection	Top
Cable cross section	2.5…25 mm² flexible cable
Response time	= 25 ns

Environment

Electromagnetic compatibility	8/20 µs wave immunity
Operating altitude	= 2000 m
Standards	IEC 61643-1

Packing Units

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

Offer Sustainability

Sustainable packaging	No

Contractual warranty

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Himel nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.