Nov 08, 2026

Product data sheet

HDR3S185185

Characteristics

Thermal overload relay, HDR3S-185 150..185 A



Main

Range of product	HDR3s
Product or component type	Thermal overload relay
Device application	Motor protection
Thermal protection adjustment range	150…185 A
Frame size	185A

Complementary

Protection type	Overload Phase failure
Reset	Automatic reset Manual reset
Control type	Test button Stop button
[Ith] conventional free air thermal current	5 A
Local signalling	Trip indicator
[Ie] rated operational current	1.57 A at 230 V AC-15 0.9 A at 400 V AC-15 0.14 A at 230 V DC-13
[Ui] rated insulation voltage	690 V
[Uimp] rated impulse withstand voltage	6 kV
Utilisation category	AC-15 DC-13
Poles description	3P
Height	103 mm
Width	105 mm
Depth	132 mm

Environment

Installation category	III
Pollution degree	3
Ambient air temperature for operation	-5…40 °C
Ambient air temperature for storage	-25…55 °C
Operating altitude	2000 m
Standards	IEC 60947-4-1
Product certifications	CB CE SEMKO

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.

IP degree of protection	IP20
Relative humidity	0…95 %

Packing Units

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

Offer Sustainability

Sustainable packaging	No