

## Product data sheet

## HDR3S18580

### Characteristics

Thermal overload relay, HDR3S-185 63..80 A



### Main

Range of product	HDR3s
Product or component type	Thermal overload relay
Device application	Motor protection
Thermal protection adjustment range	63...80 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

---

IP degree of protection	IP20
-------------------------	------

---

Relative humidity	0...95 %
-------------------	----------

---

**Packing Units**

---

Unit Type of Package 1	PCE
------------------------	-----

---

Number of Units in Package 1	1
------------------------------	---

---