

Product data sheet

HDR3S630480F

Characteristics

Thermal overload relay, HDR3S-630/F 350..480 A



Main

| | |
|-------------------------------------|------------------------|
| Range of product | HDR3s |
| Product or component type | Thermal overload relay |
| Device application | Motor protection |
| Thermal protection adjustment range | 350...480 A |
| Frame size | 630A |

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 | 171 mm |
| Width | 150 mm |
| Depth | 181 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 |
|------------------------------|---|
