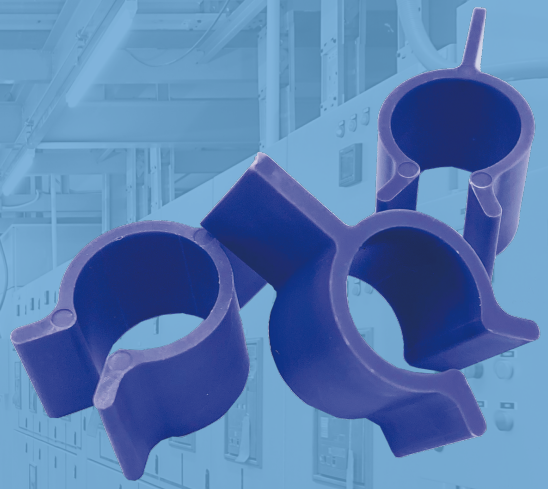


ThermoClip™ Series

Fixed-Wire Overtemperature Indicator Clips
for Electrical Equipment



Simple Application

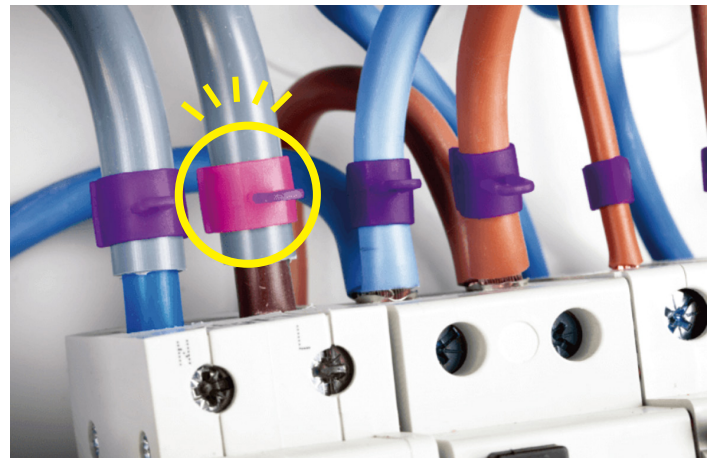
Easy and quick push-on installation means no de-energizing or disconnection is needed

Easy to Read

The thermochromic material provides a highly-visible predictive warning

Broad Coverage

Multiple models available to provide for varying wire sizes 17AWG to 750MCM wires. Suitable for circuits rated 36kVAC/600VDC



Features



Passive Design

Temperature-responsive color changes as a passive visual alert system for hazard detection and prevention.



Memory-Effect Feature

These non-conductive clips possess a memory-effect feature, enabling inspectors to view a permanent record of overtemperature excursions in intermittently loaded systems. This feature aids in tracking and analyzing temperature trends over time, contributing to asset health and safety monitoring.



Overtemperature Indicators

The Thermo Clip™ Series serves as reliable overtemperature indicators for electrical assets, offering a visual means to monitor temperature variations and potential issues within electrical systems.



Patented Thermochromic Technology

These clips feature patented Thermochromic technology, allowing them to change color as a response to temperature changes. This technology ensures a clear and permanent visual indicator of overtemperature conditions.

Manufacturer

 **IRISS**
ENGINEERED RELIABILITY
www.iriss.com

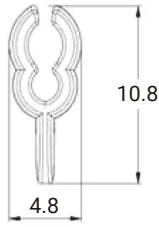
Seller

NiGK Corporation
www.nigkglobal.com

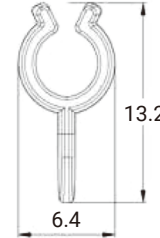
Specifications

| Type | H1-50 | H2-50 | H3-25 | H4-12 | H5-6 |
|-----------------------------|------------|------------|-------------|--------------|--------------|
| Quantity (PCS/Pack) | 50 | 50 | 25 | 12 | 6 |
| Wire Range | 17-12 AWG | 10-6 AWG | 4-2/0 AWG | 3/0-350 MCM | 400-750 MCM |
| Wire Outside Diameter Range | 2.3-4.2 mm | 4.8-7.1 mm | 8.0-13.6 mm | 13.8-23.0 mm | 23.0-31.0 mm |

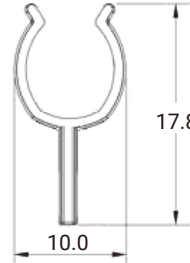
HEIGHT = 7mm



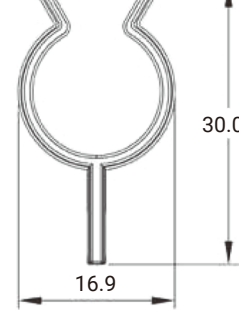
HEIGHT = 7mm



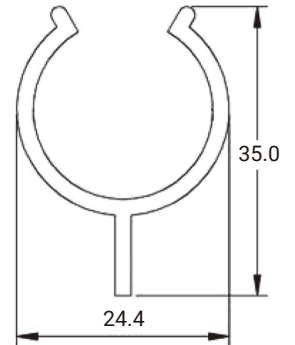
HEIGHT = 10mm



HEIGHT = 14mm



HEIGHT = 14.5mm



DIMENSIONS IN MILLIMETRES
NOTE: IMAGES ARE NOT TO SCALE

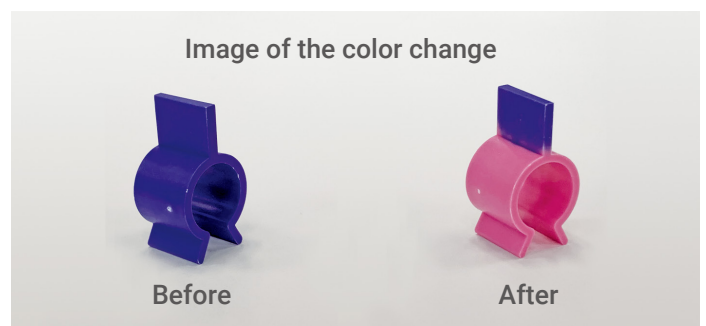
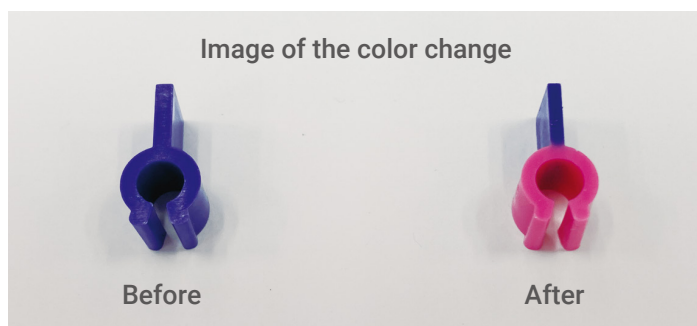
| Physical Properties | |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Base Materials | 5-10% Thermochromic Plastic. 90-95% Polypropylene, flame retardant to UL94V0 self extinguishing rating, nonhalogenated. |
| Initial Color Change Temperature | 53°C / 127°F |
| Permanent Color Change Temperature | 70°C / 158°F |
| Tolerance | +/- 1°C |
| Response Time | 5 to 20 Seconds |
| Recommended Storage | Store at room temperature & humidity (i.e. 16 to 27°C/60 to 80°F & 40 to 60% RH) |
| Product Lifespan | Replace overtemperature connection indicators within a maximum lifespan interval of 5 years. |
| Dielectric Strength | 44Kv Per mm |
| Wire Insulation Rating | 36kVAC/600VDC |

***Installation:** ThermoClip™ Series Clips are designed to be push fitted only onto the outer insulation of a cable, adjacent (15mm-30mm distance) to its connection terminal. ThermoClip™ should not be inserted anywhere into the current carrying path of the circuit or directly attached to bare live metal parts of the circuit.

***Caution:** ThermoClip™ Series are designed for use on electrical cables and as such installation must be assessed by a competent electrician licensed to applicable local requirements prior to their application.

Specifications are subject to change without notice.

Reference image



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MADE IN ENGLAND

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