

Fișă tehnică produs

Specificatii



PowerLogic HeatTag, senzor inteligent pentru detectarea supraincalzirii cablurilor

SMT10020

Principale

Gama	PowerLogic
gama de produse	PowerLogic HeatTag
Tip produs sau componenta	Heat detector
compatibilitate gama	PrismaSeT wireless panel server EcoStruxure data concentrator PowerLogic PowerTag
aplicatie a dispozitivului	Electrical switchboard
functie disponibila	Overheating detection of cables and wire connections Overheating detection based on the analyse of gas and particles in the air 3 levels of alert according to the severity of the situation Environment auto-learning to avoid false alerts Wireless communication with all EcoStruxure data concentrators
tehnologia senzorilor	Electronic
tip de masurare	Temperatura - 15...70 °C, precizie: +/- 1.1 °C Humidity 15...90 % RH, precizie: +/- 9 % Air quality index 0...10 AQI
transmission period	30 s (standard) > 30 s (high data traffic)
alarm level	Air quality index >= 10
tipul rețelei de comunicare	Wireless 2,4 GHz
standarde	IEC 61010-1 IEC 61010-2-201 IEC 61326-1 ETSI EN 300 328 ETSI EN 301 489-1 ETSI EN 301 489-17 IEEE 802.15.5 FCC part 15 Subpart B FCC part 15 Subpart C UNE 20315 CSA C22.2 No 61010-1

Suplimentare

[Us] tensiune nominala de alimentare	110...277 V c.a. la 50/60 Hz, o singura faza
limitele tensiunii de alimentare	110...277 V (+/- 15 %)
curentul maxim furnizat	0,1 A
categorie de supratensiune	III
tip de control	1 push-button (sensor pairing/alert acknowledgement)
semnalizare locala	Starea rețelei: 1 LED (green, orange and red) Operating: 1 LED (green, orange and red)
locatia dispozitivului in sistem	Top of the switchboard Non forced air ventilated switchboard

suport de montare	Sina DIN
tip de protectie	Circuit breaker 2 A curbă C
conexiune electrica	2 pinibloc terminal detaşabil cu arc 2.5 mm ² rigid sau flexibil
Cantitate pe set	1
inaltime	107 mm
latime	108 mm
adancime	55 mm
greutate produs	0,27 kg

Mediu

temperatura ambietala pentru depozitare	-20...85 °C
temperatura ambientala de functionare	-15...70 °C
altitudine de functionare	0...2000 m
umiditate relativa	15...90 %
grad de protectie IP	IP20
grad de protectie IK	IK06
Grad de poluare	3
compatibilitate electromagnetica	Imunitate EMC conforming to IEC 61326-1

Unitati de ambalare

Unitate de masura pentru prima forma de impachetare	PCE
Număr de produse în pachet	1
Inaltime prima forma de impachetare	6,300 cm
Latime prima forma de impachetare	9,500 cm
Lungime prima forma de impachetare	11,600 cm
Greutate colet(Lbs)	292,800 g
Unitate de masura pentru a doua forma de impachetare	S02
Numar unitati in a doua forma de impachetare	14
Inaltime a doua forma de impachetare	15,000 cm
Latime a doua forma de impachetare	30,000 cm
Lungime a doua forma de impachetare	40,000 cm
Greutate a doua forma de impachetare	4,399 kg

Garanție contractuală

Garantie (in luni)	18
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Schneider Electric isi propune sa atinga nivelul Net Zero pana in 2050 prin parteneriate la nivelul lantului de aprovizionare, materiale cu impact mai redus si circularitate, prin campania „Use Better, Use Longer, Use Again” pentru a extinde durata de viata a produselor si reciclabilitatea.

[Environmental Data explicate >](#)

[Cum evaluam sustenabilitatea produselor >](#)

Amprenta de mediu

Amprenta de carbon totala pe durata de viata	1 090 kg CO2 eq.
Amprenta de carbon a fazei de fabricație [A1–A3]	95 kg CO2 eq.
Amprenta de carbon a fazei de distribuție [A4]	0.1 kg CO2 eq.
Amprenta de carbon a fazei de instalare [A5]	0.1 kg CO2 eq.
Amprenta de carbon a fazei de utilizare [B2, B3, B4, B6]	995 kg CO2 eq.
Amprenta de carbon a fazei de sfârșit de viață [C1–C4]	0.6 kg CO2 eq.
Raport de mediu	Profilul ambiental al produsului

Use Better

Materiale si ambalare

Pachet cu carton reciclabil	Da
Ambalaj fara plastic	Nu, am redus la minimum utilizarea plasticului in ambalaje in conformitate cu reglementarile si luand in considerare standardele de calitate si siguranta
Numar SCIP	4981ed74-eedf-4d4d-920e-f7100d9c76e4
Directiva RoHS a UE	Conform Prin Scutire
Regulamentul REACH	Referința conține SVHC peste prag
Statut de indemn de halogen	Produs cu piese din plastic fara halogen
Nu contine PVC	Da
Nu contine silicon	Da

Use Longer

Prelungire durata de viata

Reparare	Nu
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Use Again

Reambalare si refabricare

Potentialul de reciclabilitate, in %	1
Profil circularitate	Informatii privind sfarsitul duratei de viata
Preluare la sfarsitul duratei de viata	Da

În Uniunea Europeană, produsele trebuie reciclate respectând sistemul specific de colectare a deșeurilor și nu trebuie să ajungă în puștele de colectare a deșeurilor menajere.

Offer Marketing Illustration

Product benefits / Features

PowerLogic HeatTag

Technical Benefits



The image shows a white and green rectangular device with a QR code on the front and a green vented top section. It is set against a green circular background.

- HeatTag provides a temperature value with a 30 second default transmission period
- Paired with Schneider Electric panel servers or gateways
- Measures temperature and humidity
- Detects invisible yet hazardous transformations of cable insulators, such as PVC, XLPE, EPR, typically between 170°C and 200°C.
- Sends an alarm via email or SMS, enabling the switchboard digital management.

Offer Marketing Illustration

Product benefits / Features



PowerLogic HeatTag
Range Accessories

Wireless auxiliary contacts

Energy Sensor PowerTag NSX

EcoStruxure Panel Server

Outlet grille plast

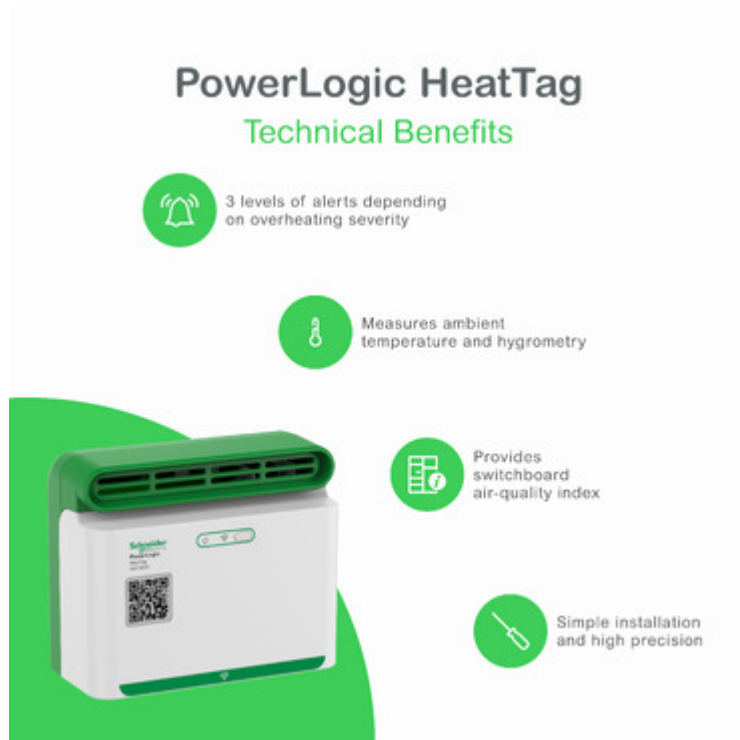
ClimaSys CC simple thermostat

ClimaSys PTC heating resistance

The image displays a collection of six accessories for the PowerLogic HeatTag system. At the top left is a larger unit. Below it are six smaller items arranged in two rows of three. Each item is accompanied by a text label. The items include wireless auxiliary contacts, an energy sensor, a panel server, a plastic outlet grille, a simple thermostat, and a PTC heating resistance.

Offer Marketing Illustration





Product benefits / Features



The infographic features a central image of the Schneider PowerLogic HeatTag device, which is white with a green top section containing a fan grille. The device has a QR code and a small display on its front. Surrounding the device are four green circular icons, each with a white symbol and a corresponding text description of a technical benefit.

PowerLogic HeatTag

Technical Benefits

-  3 levels of alerts depending on overheating severity
-  Measures ambient temperature and hygrometry
-  Provides switchboard air-quality index
-  Simple installation and high precision

Offer Marketing Illustration

Product benefits / Features

