

## NO CHANCE FOR CONDENSATION - NEW PTC HEATERS OF THE LOOP SERIES.



### SAFE AND USER-FRIENDLY

Pressure clamp connection reduces installation time for the user by up to 50%. The clamps exert constant pressure on the cables, which provides added security when transporting pre-assembled control cabinets, for example.



### LOOP-STYLE HEATING BODY

The innovative aluminium loop profile is extremely efficient at absorbing the heat from the PTC heating elements, guarantees optimum heat distribution within the control cabinet, and ensures constant heating power throughout the heater's service life.



### VIBRATION-PROOF FOR RAILWAY APPLICATIONS

All touch-safe loop heaters have been successfully tested for shock and vibration resistance. This also makes them suitable for situations exposed to strong vibration impact. Especially in the field of railway applications.



### TOUCH-SAFE VERSIONS (LTS 064, LT 065 AND LTF 065)

The LTS 064, LT 065 and LTF 065 series are designed to be touch-safe. The insulated plastic housings keep the surface temperature under 80°C, thus protecting maintenance and operating personnel from burns in the event of accidental contact.



LTF 065



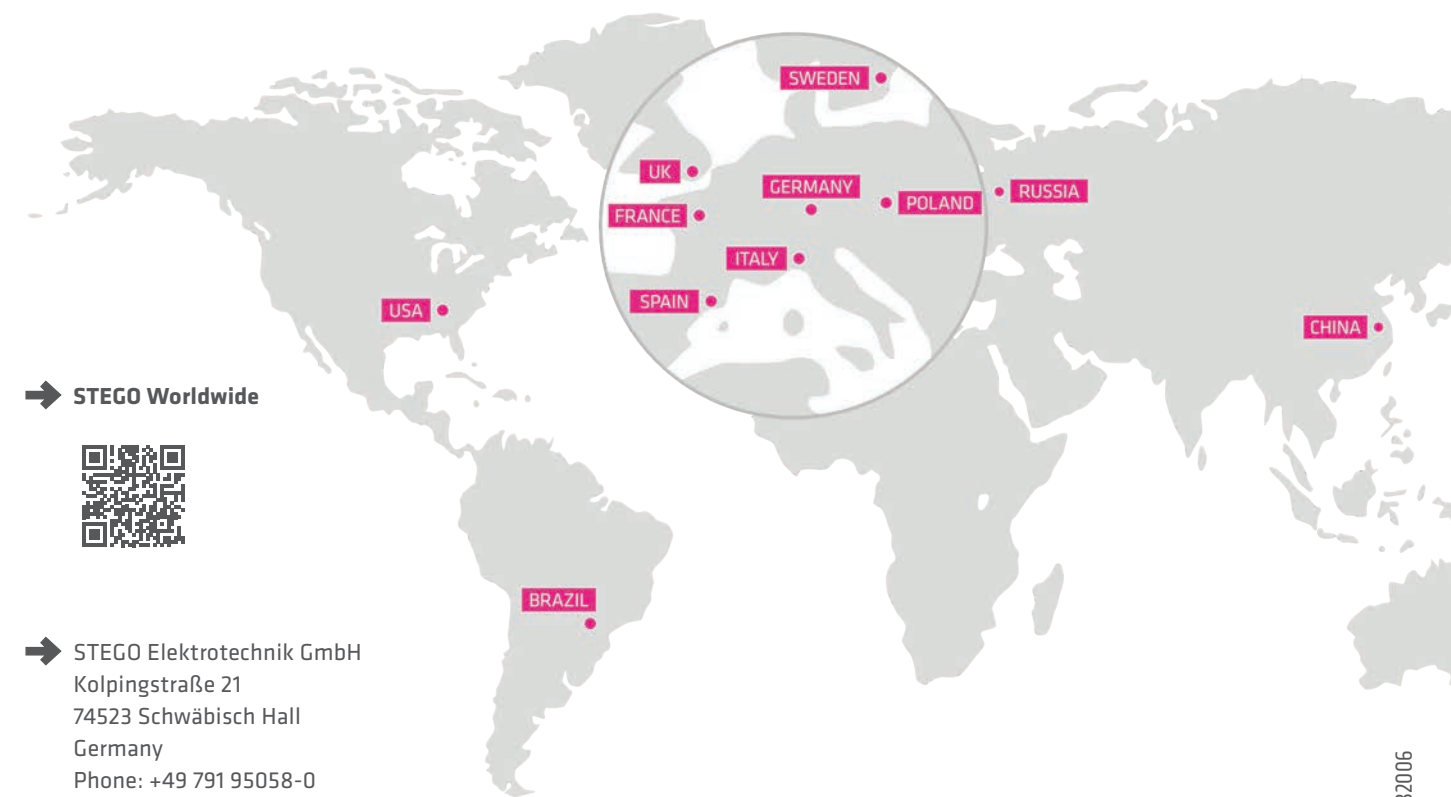
LTS 064



LP 165

## WORLDWIDE AVAILABLE FOR YOU - ELECTRONICS PROTECTORS FROM STEGO.

STEGO is represented globally and proud to offer its customers maximum availability, personal visits and consultations. With 10 locations, one sales office in China and more than 1500 sales partners worldwide, customer service is our top priority. Whenever you need support in matters of enclosure climatization and thermal management - your STEGO contact is close to you.



### → STEGO Worldwide



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## THERMAL MANAGEMENT. POWERFUL.

Thermal Management solutions from STEGO protect sensitive electronic components worldwide against heat, cold and humidity. Take a look at our product range inside.



## HEATING

**Protection against frost and condensation**  
Optimised temperatures are of utmost importance in switch cabinets: STEGO heaters and fan heaters prevent dangerously low temperatures and ensure equal distribution of warm air.

### HEATERS

- PTC or resistive element
- 3 to 150 W
- AC/DC 120 – 240 V
- DC 24 and 48 V

### FAN HEATERS

- PTC or resistive element
- 100 to 1200 W
- AC 120 and 230 V
- DC 24, 48 and 56 V

#### Heaters

RCE 016  
5 W, 9 W



RC 016  
8 W - 13 W



LTS 064  
20 W - 40 W



CSK 060  
10 W - 30 W



LPS 164  
10 W - 50 W



HGK 047  
10 W - 30 W



LT 065  
50 W - 150 W



CS 060  
50 W - 150 W



LTF 065  
50 W - 150 W



CSF 060  
50 W - 150 W



LP 165  
50 W - 150 W



HG 140  
15 W - 150 W



CP 061  
50 W, 100 W



CREx 020  
50 W - 250 W



#### Fan Heaters

CS 028 / CSL 028  
150 W - 400 W



CSF 028  
250 W - 400 W



HGL 046  
250 W - 400 W



HV 031 / HVL 031  
100 W - 400 W



CR 027  
up to 650 W



HVI 030  
500 W - 700 W



DCR 030 / DCR 130  
200 W - 800 W



CR 030 / CR 130  
950 W



CS 032 / CSF 032  
1000 W



CS 030 / CS 130  
1200 W



## COOLING

### Protection against overheating

To protect installations from excessively high temperatures STEGO filter fans ensure efficient cooling by ambient air.

### FILTER FANS

- AC 120 and 230 V
- DC 24 and 48 V
- More efficiency through air-flap technology
- IP56 with FFH 086 for outdoor installation

#### Filter Fan Plus (active)

FPI / FPO 018  
up to 32 m³/h (92 x 92 mm)



FPI / FPO 018  
up to 117 m³/h (124 x 124 mm)



FPI / FPO 018  
up to 313 m³/h (176 x 176 mm)



FPI / FPO 018  
up to 581 m³/h (223 x 223 mm)



FPI / FPO 018  
up to 1031 m³/h (291 x 291 mm)



#### Filter Fan Plus (passive)

FPI 118  
Exit Filter  
(available in all five sizes)



FPO 118  
Intake Filter  
(available in all five sizes)



#### Hose-Proof Hood

FFH 086  
IP56



#### Roof Filter Fan

RFP 018  
300 m³/h, 500 m³/h



#### Fan Tray

LE 019  
486 m³/h - 1458 m³/h



## REGULATING

### Constant regulating

STEGO's temperature and humidity control systems regulate the operating conditions for electric and electronic installations and therefore safeguard their performance.

### REGULATORS

- Thermostats, Hygrostats and Hygrotherms
- Adjustable and pre-set temperatures
- AC and DC versions

#### Mechanical Thermostats

KTO 111 / KTS 111  
NC / NO



STO 011 / STS 011  
NC / NO



FTO 011 / FTS 011  
NC / NO



FTD 011  
NC & NO



ZR 011  
NC & NO



FZK 011  
Change-over



REx 011  
15 °C, 25 °C



#### Electronic Thermostats

ETR 011  
Change-over



DCT 010  
Change-over, DC versions



MFR 012  
Change-over



#### Mechanical Hygrostat

#### Electronic Hygrostats

EFR 012  
Change-over



DCF 010  
Change-over, DC versions



#### Hygrotherm

ETF 012  
Change-over  
internal / external sensor



#### Switch Module

DCM 010  
DC versions



## MEASURING

### Measure smart

STEGO sensors detect environmental conditions inside and beyond enclosures. Smart sensors provide both digital and analogue signals.

### SENSORS & HUBS

- DC 24 V
- Analog and digital IO-Link interface
- IO-Link

#### Smart Sensors

CSS 014  
Temperature & Humidity



DSS 015  
Distance



SHC 071 & SEN 073  
Sensor Modul & Sensors



AHC 072  
Intelligent Switch



#### Electrical Sockets

SD 035  
DE/RU, F/PL/CZ/SK, CH, UK/IE, US/CA, IT, AU, BR



#### Pressure Compensation Devices

DA 284 (Snap-In)  
IP66



DA 084  
IP55



DA 284 (Kunststoff)  
IP66 & IP67



DA 284 (Stainless steel / Aluminium)  
IP66 & IP67



DAK 284  
IP66 / IP67



DD 084  
IP66 / IP67 / IP69K



## ACCESSORIES

### Complementary electronics protection

STEGO accessories help to discharge condensate and pressure. Country-specific sockets ensure safe connection of external devices.

### ACCESSORIES

- Country-specific sockets
- Pressure compensation devices
- More supplementary products

## LIGHTING

### Ideal lighting conditions

Our lighting solutions ensure that maintenance on electronic installations can be carried out night and day.

### LAMPS

- LED or energy saving lamps
- Different mounting possibilities
- Lamps with/without socket

#### LED Lamps Varioline

LED 021 / LED 022 / LED 121  
400 mm / 600 mm / 500 mm



#### Ventilation Cable Gland

DAK 284  
IP66 / IP67



#### Drainage Device

DD 084  
IP66 / IP67 / IP69K



#### LED Lamps

LED 025



#### Door Switch

DS 013



LED 025 Ecoline



#### Application Holder

SFP 095



#### Slimline Lamps

SL 025

