

# Weatherproof Telephone ResistTel

Comfortable telephone for rough environmental conditions



## Overview

ResistTel stands for: telephony under rough environmental conditions with the highest degree of safety in industrial areas.

Our telephone is resistant to seawater as well as alkali, acids and lubricants.

The housing made of special compression-moulded material is impact-resistant. The stainless steel keypad withstands high stresses and protects the inner parts of the telephone. The steel-armoured handset cord is designed for high tensile strain.

Its alphanumeric display allows for a clear reading. Moreover, the telephone offers all the amenities that are already supplied as standard in the office communication sector. A number of accessories and components even enhance the telephone's functionality.

## Features

- Locking function with PIN
- Hands-free operation
- Temperature range -25 °C to +60 °C
- Display
- IP 66 according to EN 60529
- Different housing colours

**EATON**

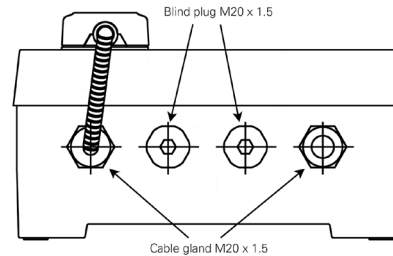
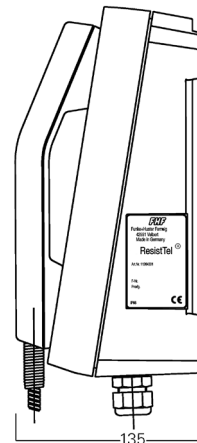
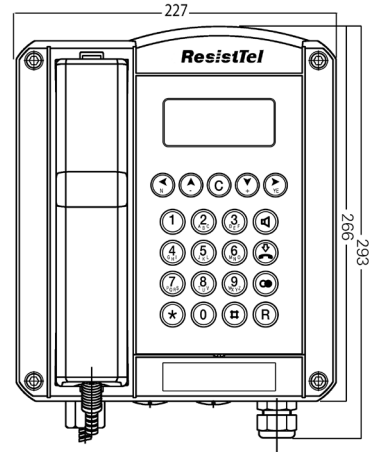
Powering Business Worldwide



**General arrangement drawing (all dimensions in mm)**

**Specifications**

|                             |   |
|-----------------------------|---|
| Supply voltage              | 24 VDC to 66 VDC  |
| Supply current              | 15 mA to 100 mA   |
| Ringing alternating current | 24 VAC to 90 VAC (at 21 to 54 Hz ringing frequency)<br>30 VAC to 90 VAC (at 16.6 ... 54 Hz ringing frequency)               |
| Ring tone impedance         | Greater than 6.0 kΩ at 25 Hz and 24 to 90 VAC.<br>Greater than 4.0 kΩ at 50 Hz and 24 to 90 VAC                             |
| Inquiry key                 | Flash function may be set from 40 ms to 399 ms  |
| Dialling procedure          | PD-DTMF operation to be set in the menu.<br>PD operation where the pulse/pause ratio can be set to 1.5:1 or 2:1 in the menu |
| W-conductor                 | Connection for external secondary sounder   |
| Connection terminals        | Up to 4 mm <sup>2</sup> rigid,<br>Up to 2.5 mm <sup>2</sup> flexible  |
| Housing Material            | Glass fibre reinforced polyester  |
| Height x width x depth      | Approx. 266 mm x 227 mm x 135 mm  |
| Weight                      | Approx. 5.5 kg  |
| Display                     | Two-line alphanumeric display with pictograms<br>Visual field approx. 78 mm x 26 mm   |
| Keypad                      | Metal keypad with ice protection<br>21 keys with ABC lettering for name entries   |
| Receiver                    |   |
| Stabilization bracket       | Integrated adjustable stabilization bracket   |
| Handset cord                | Stainless steel armoured cord   |
| Earpiece                    | Dynamic capsule with stray field coil for inductive coupling of hearing aids  |
| Mouthpiece                  | Electret microphone   |
| Noise suppression           | Greater than 3 dB due to integrated horn mouth  |
| Environmental conditions    |   |
| Ingress protection          | IP 66 according to EN60529  |
| Impact protection           | IK 09 according to EN50102  |
| Operating temperature       | -25 °C to +60 °C  |
| Storage temperature         | -25 °C to +70 °C  |
| Optical call indication     | Display screen ( ( ( 🔔 ) ) )  |
| Ringing volume              | Approx. 95 dB(A) in 1 m distance  |
| Ring tones                  | 10 sounds available   |
| Listening by loudspeaker    | Maximum volume approx. 68 dB(A) in 1 m distance   |
| Handsfree                   | Maximum volume approx. 68 dB(A) in 1 m distance   |
| Amplified listening         | Receiver volume may be set from 0 dB(A) to +12 dB(A),<br>in 7 steps   |
| Menu guide                  | Multilingual  |
| Telephone book              | Max. 50 items (names and phone numbers)   |



## Accessories



Headset



Additional earpiece



Loudspeaker set



TWIN



Protection hood



Secondary sounder

## Ordering data

\* The full article number for the TWIN is made up by appending the colour code to the article numbers given below.

| Type      | Designation               | Model | Article number    |             |    |
|-----------|---------------------------|-------|-------------------|-------------|----|
| ResistTel | Weatherproof Telephone    | black | FHF 112 643 01    | transparent | 01 |
| ResistTel | Weatherproof Telephone    | red   | FHF 112 643 01 02 | red         | 02 |
| ResistTel | Weatherproof Telephone ZB | black | FHF 112 643 02    | amber       | 03 |
| ResistTel | Weatherproof Telephone ZB | red   | FHF 112 643 02 02 | green       | 04 |
|           |                           |       |                   | blue        | 05 |

### Accessories

|  |                                      |                            |                 |
|--|--------------------------------------|----------------------------|-----------------|
|  | Additional Earpiece                  |                            | FHF 112 643 03  |
|  | Headset                              |                            | FHF 112 643 04  |
|  | Loudspeaker Set                      |                            | FHF 112 643 05  |
|  | Secondary Sounder                    |                            | FHF 211 101 05  |
|  | TWIN                                 |                            | FHF 118 832 ..* |
|  | Telephone Hood Model 404             | galvanized steel, yellow   | FHF 118 901 01  |
|  | Telephone Hood Model 404             | stainless steel            | FHF 118 901 11  |
|  | Telephone Hood Model 404             | synthetic material, orange | FHF 118 901 12  |
|  | Telephone Hood Model 404             | synthetic material, yellow | FHF 118 901 13  |
|  | Telephone Hood Model 404             | galvanized steel, red      | FHF 118 901 14  |
|  | Telephone Hood Model 404             | synthetic material, red    | FHF 118 901 15  |
|  | Telephone Hood Model 404             | GRP, yellow                | FHF 118 901 22  |
|  | Telephone Hood Model 404             | GRP, orange                | FHF 118 901 23  |
|  | Floor mounting console for Model 404 | yellow                     | FHF 118 901 03  |

Accessories are not available as DNV variants.