

Auteldac 5

ATEX Approved Hazardous Area Telephone



Image for illustration purposes only

The Auteldac 5 (A5) telephone is an ATEX and IECEx approved, weather resistant unit, designed to withstand arduous industrial atmospheres and environmental extremes. Certified for safe operation in hazardous areas, the Auteldac 5 carbon loaded glass filled polyester enclosure eliminates risk of rust and corrosion. Features such as 'electronic on-hook sensing' and 'electronic tone ringer' ensures an enclosure protection of IP66. Should the handset be left off-hook, the A5 will automatically revert to on-hook state after a period of 7 minutes (optional). Auteldac 5 telephones come complete with an integral ringer with volume control and secondary beacon / external sounder actuator as standard. An inductive coupler is fitted to aid the hard of hearing.

Connectivity: Standard Analogue

The standard analogue unit provides basic telephone functions and can be connected to any standard two-wire telephone line, including FXS ports, analogue PABX lines and PSTN.

IEC Ex Certified

⚡ II 2 G & ⚡ II 2 G ATEX Certified telephone for Gas and Dust

INMETRO Approved for Gas and Dust Zone 1 & 2, Zone 21 & 22

Compliant models

⚡ (EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU)

ATEX Product Directive 2014/34/EU

Fully compliant with TBR21 / TBR38

Full keypad with 3 programmable memory buttons, or CB (0 button) variant

Optional removable headset*

90dB sounder (adjustable)

Beacon / external sounder actuator

Robust and weather resistant to IP66

Extended cord length available

Handset Options

The handset has a choice of armoured stainless steel or curly cord.



18 button Full Keypad

Included in the 18 button version, are 3 direct dial buttons for fast one touch dialling of pre-stored numbers or accessing low cost call facilities. Includes: M1- M3 Memory buttons, S 'Store', R 'Recall', LR 'Last number redial'

0 button CB

This can be used to initiate a PABX 'hotline' or lift handset and wait for reply, where the PABX does the call routing/dialling.



*Please note that the headset is ATEX Certified only (not IECEx or Inmetro)

General Specifications

Enclosure: Carbon loaded glass-filled polyester (colour: black)

Surface resistance: This value should be <10 to the power of 9. Can also be <1,000M Ohm

Handset: Conductively coated polycarbonate handset with coiled cord or stainless steel spiral cord. Noise cancelling options. Extended cord lengths available.

Keypad: Weathersealed tactile digital keypad

Hookswitch: Electronic with no mechanical moving parts

Weather Ingress protection: To IP66

Ringng: Shrill warble tone >90 dBA @ 1 metre typical. Internal volume control.

Power Supply: Drawn from telephone line

Integral Ring Detector: Contact closure following the ringing cadence, rated at 230Vac, 3A r.m.s.

Isolated hookswitch sensor: Additional contact rated at 230Vac, 150mA r.m.s.

Parallel Terminal Block: Duplicated line terminals allows connection to a parallel device without an additional junction box.

Time Out: Enforces a fixed call maximum time limit to 7 minutes from lifting of the handset. User selectable ON or OFF

Dialling system: LD or DTMF (switchable)

Recall Button: Internally switchable from Earth Loop Recall (600ms pulse) and Timed Break Recall 100ms, 250ms or 600ms.

Certified Operating Temperature: -40 C up to +60 C

Relative Humidity: Up to 95% (non-condensing)

Weight: approx. 3.2 kg

Approvals

This mark indicates compliance with the following directives: EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/ EU, RoHS 2 Directive 2011/65/EC, ATEX Product Directive 2014/34/EU, Tested to TBR21 / TBR38)

The GAI-Tronics Quality Management System has been approved by LRQA to ISO9001:2008, ISO 14001:2004 and OHSAS 18001:2007 Certificate No. 861888

Telephone compliance

Baseefa14ATEX0362

Ⓜ II 2G Ex eb ib mb IIC T4 Gb (-40°C ≤ Ta ≤ +60°C)

Ⓜ II 2G Ex eb ib mb IIC T5 Gb (-40°C ≤ Ta ≤ +50°C)

Ⓜ II 2D Ex ib tb IIIC T180°C Db (-40°C ≤ Ta ≤ +60°C)

IECEX BAS 14.0165

Ex eb ib mb IIC T4 Gb (Ta = -40°C to +60°C)

Ex eb ib mb IIC T5 Gb (Ta = -40°C to +50°C)

Ex ib tb IIIC T180°C Db (Ta = -40°C to +60°C) - Dust certified models only

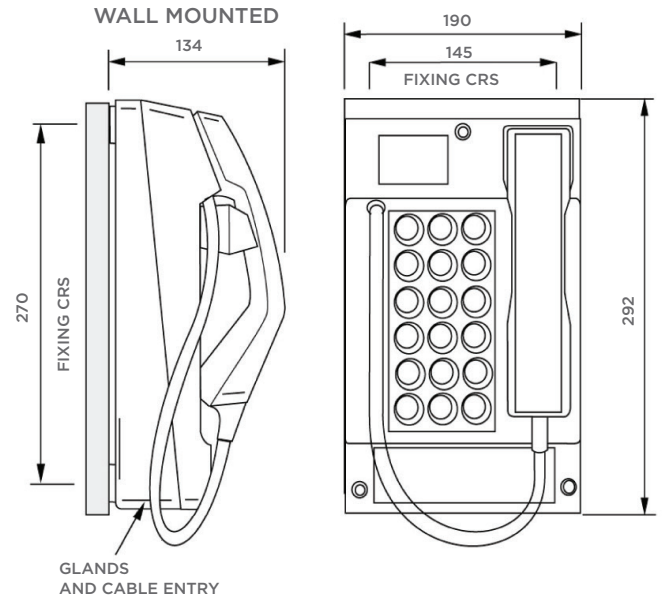
INMETRO (Brazil) IEx 15.0096

Ex e ib mb IIC T4 Gb (-40°C ≤ Ta ≤ +60°C)

Ex e ib mb IIC T5 Gb (-40°C ≤ Ta ≤ +50°C)

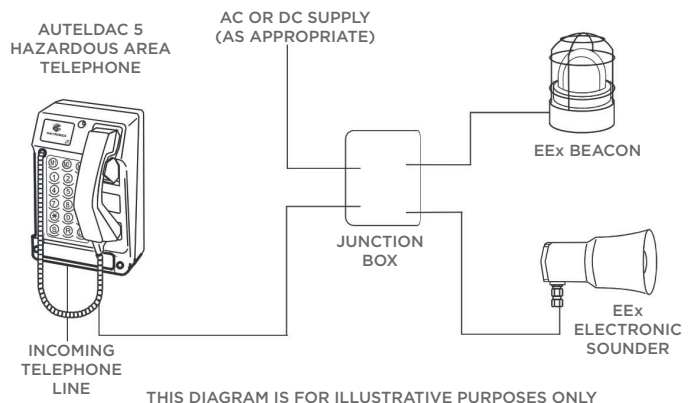
Ex ib tb IIIC T180°C Db (-40°C ≤ Ta ≤ +60°C)

Dimensions



Auteldac 5 Curly Cord	
0 button, curly cord	212-02-5028-400
18 button, curly cord	212-02-5028-400
Auteldac 5 Stainless Steel Cord	
0 button, steel cord	212-02-5020-B00
18 button, steel cord	212-02-5028-B00

Connection Options



©2024 Gai-Tronics. All rights reserved.

Hubbell and the Hubbell logo are registered trademarks or trademarks of Hubbell Incorporated. All other trademarks are the property of their respective owners.

UK: +44 (0) 1283 500500 | www.hubbell.com/gai-tronics/en

USA: +1 (610) 777-1374 | www.hubbell.com/gai-tronics/en

Italy: +39 02 4860 1460 | www.hubbell.com/gai-tronics/en

Malaysia: +60-3-8945-4035 | www.hubbell.com/gai-tronics/en

Australia: +61-28-851-5000 | www.austdac.com.au



A proud member of the Hubbell family.