IMCOS-9024 Multi-way self powered telephone

Product description

IMCOS-9024 is a 24-way (23 plus OFF) self powered telephone, suitable for ship applications. Specifically designed for marine environment, requiring a harsh and rugged product.

Available in different versions, depending on the various installation locations.

Designed for multi-way networks or master station working. The built in audio generator and 24 stations selector switch, allows a reliable point-to-point or multipoint communication with no central exchange needed.

Type approved by marine class societies: CCS, Tested according IACS E10 Req.1991/Rev.5 (2006) reference standard.
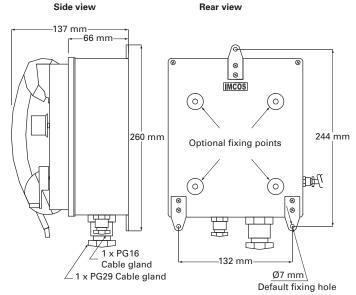
Features

- ABS. Non corrodible material
- 24-way selector switch
- Anti rolling handset
- Optical LED call indication
- Dedicated headset with microphone suitable for noisy areas use
- Extensible handset lead up to 1,5 mt
- Different versions available:
  - console mount (IMCOS-9024-C)
  - wall mount (IMCOS-9024-W)
  - portable with pre-wired plug and socket (IMCOS-9024-P)
- Wall mount version can be equipped with headset and microphone (IMCOS-9024-W-HS)
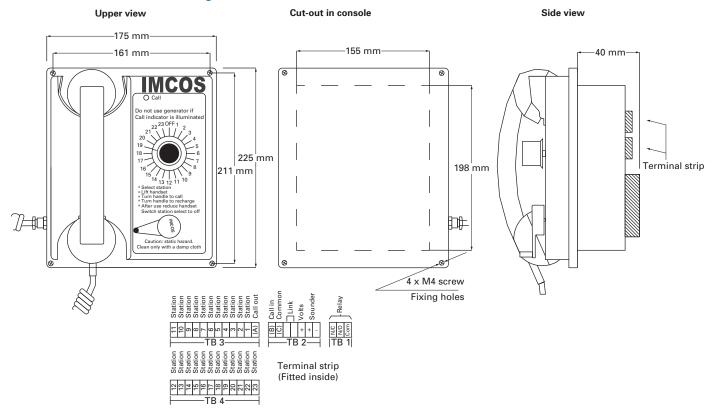- Ingress Protection IP55

F·T·N

Powering Business Worldwide

Specification

Material	ABS - black colour
Mounting	Console / wall mounting / portable version
Wiring	Screw terminals (-C / -W) 2 m. prewired cable and plug (-P) Cable type: 1 core screened cable + 1 per added station
Cable glands	1XPG29; 1XPG16 (only -W)
Ingress protection	IP 55
Weight	1,5 Kg (-C), 1,9 Kg (-W), 2,5 Kg (-P)
Max/min temperature	+70/-25 °C
Test certifications:	according to EN 60945 Enclosure emissions EN 55016-2-3 Immunity EN 61000 Dry heat cycle EN 60068-2-2 Damp heat cycle EN 60068-2-30 Cold test EN 60068-2-1 Salt mist EN 60068-2-52 Ingress protection EN 60529 Sinusoidal vibration EN 60068-2-6

IMCOS-9024-W Dimensions & fixing

Side view

137 mm
66 mm
260 mm

1 x PG16 Cable gland
1 x PG29 Cable gland

Rear view

IMCOS

Optional fixing points

244 mm
132 mm

Ø7 mm
Default fixing hole

UPPER VIEW dimensions as for IMCOS-9024-C

IMCOS-9024-C Dimensions & fixing

Upper view

175 mm
161 mm
225 mm
211 mm

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○ Call

Do not use generator if
Call indicator is illuminated

23 OFF 1
22 2
21 3
20 4
19 5
18 6
17 7
16 8
15 9
14 13 12 11 10

* Select station
* Lift handset
* Turn handle to call
* Turn handle to recharge
* After use reduce handset
Switch station select to off

Caution: static hazard.
Clean only with a damp cloth

Cut-out in console

155 mm
198 mm

4 x M4 screw
Fixing holes

Side view

40 mm

Terminal strip

Terminal strip
(Fitted inside)

TB 3: Station 11 | Station 10 | Station 9 | Station 8 | Station 7 | Station 6 | Station 5 | Station 4 | Station 3 | Station 2 | Station 1 | Call out (A)

TB 4: Station 12 | Station 13 | Station 14 | Station 15 | Station 16 | Station 17 | Station 18 | Station 19 | Station 20 | Station 21 | Station 22 | Station 23

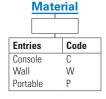TB 2: Call in (B) | Common (C) | Link | Volts + | Sounder + -
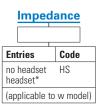
TB 1: Relay N/C | N/O | Com

Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

Model

IMCOS-9024

Material

Entries	Code
Console	C
Wall	W
Portable	P

Impedance

Entries	Code
no headset	HS
headset*	
(applicable to w model)	

Accessories

IMCOS-9024-S	Socket for portable telephone
IMCOS-9032	Headset

All specifications, dimensions, weights and tolerances are nominal (typical) and Gitiesse reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.

IMCOS™ System is type approved by seven marine class societies.