



CAIS KIT NAI T3



SKU: N/A

Categories: [Systems](#), [All Products](#)

GALLERY IMAGES



PRODUCT DESCRIPTION

ORIGINAL NAI KIT

- Automatic Identification System (AIS) Type 3 (transmit)
- Position reporting of navigational aids and obstacles to navigation (message 21) selectable
- Support for x10 virtual AtoN
- Seamless integration onto the Sabik Offshore NAI bus
- Easy mounting and simple electrical connection
- Low power consumption

The AIS-KIT-NAI-T3 combines the SRT AIS with the Sabik Offshore NAI system. A stainless-steel junction box allows for superior performance



against corrosion in harsh offshore environments.

Seamless integration into the Sabik Offshore NAI system allows for accurate monitoring and simple electrical connection. The AIS includes an integrated GPS antenna and external VHF antenna.

Technical Data

DIMENSIONS & WEIGHT

Width	290 mm
Edge length junction box	200 mm
Height	1734 mm
Weight	12 kg

MATERIAL

Housing Junction Box	Stainless steel 316 L / 1.4404
Bracket	Stainless steel 316 L / 1.4404
Cable Gland	Nickel-plated brass

ELECTRICAL CONNECTION

Electrical connection	Spring terminal block, max. 2.5 mm ²
Operating voltage VIN	DC 24.0 V (-25 % / +25 %)
Power consumption (average) (RATMA, Msg#21, 3 minute intervals)	0.85 W

ENVIRONMENTAL CONDITIONS

Ambient temperature (operation)	-25 °C to 55 °C
Ambient temperature (storage / transport)	-40 °C to 70 °C
Humidity (operation / storage / transport)	95 % r.h. up to 45 °C 70 % r.h. for T > 45 °C
Degree of protection (acc. To IEC 60529)	IP67
Lightning protection zone (acc. to IEC 62305-4:2010)	LPZ0B

ELECTRICAL SAFETY AND HEALTH

Protection class	Class III
Overvoltage protection	Class III
Pollution degree	3

VHF TRANSCEIVER

Transmitter	x 1
Receiver	x 2
Frequency	156.025 to 162.025 MHz in 25 KHz steps
Output Power	1 W



GPS-RECEIVER AND ANTENNA

Channels

50

IEC 61108-1

Compliant

GPS antenna

Internal