



225MA midi modular armrest

State-of-the-art technology and perfected ergonomic design have been standard in the vehicles of the “big players” for mobile machines for many years. Now elobau offers you with the configurable, multi-functional armrest 225MA midi the chance to profit from our long-standing know-how in the areas of functionality, ergonomics and design. Elaborately developed and intensively tested operating elements, which have been meeting the expectations of demanding customers for years, can now be combined in a modular operating system.

From the wide range of elobau products you can choose exactly those control elements according to the modular principle with which you can control your vehicle functions in the best possible way. The motto is: plug-and-play – concentrate your energy on vehicle construction – we take care of the operation. Your modular backrest is completely configured

to your needs and requirements, so that you only have to connect the armrest to your vehicle via the standardized CAN protocol SAE J1939 and industry-standard plug connections.

Product characteristics

- Sustainable: 75% of the plastics used are bio-based
- Safe: Safety level AgPL c (ISO 25119)
- Practical: Storage compartment with USB charging socket for smartphones
- Conforms to standards: Mother Regulation compliant (EU 167/2013)
- Plug & Play: CAN bus (SAE J1939)
- Clearly designed: Colours, symbols, function and night illumination

Technical drawing

IMAGE 1/3

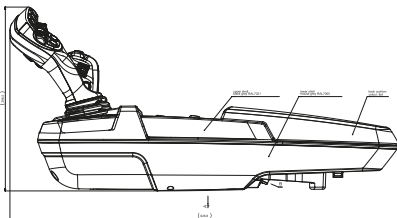


IMAGE 2/3

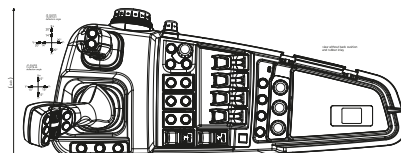
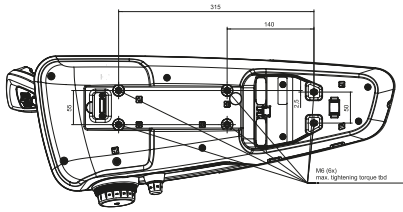


IMAGE 3/3



Electrical data

Attribute	225MA...
Polarity reversal protection	yes
EMC immunity (Norm)	DIN EN 13309:2010, EN ISO 14982:2009, ISO13766:2006
EMC emission (Norm)	DIN EN 13309:2010, EN ISO 14982:2009, ISO13766:2006
Operating voltage min.	8 V DC
Operating voltage max.	36 V DC
Current consumption	5000 mA
Short-circuit resistance to GND	yes
Short-circuit resistance to supply	no
Fieldbus system	CAN
Protocol	J1939
Node ID / Source Address	Variable/adjustable
Transmitting cycle	Variable/adjustable ms
Baud rate	00000000000000250, 0000000000000500 kBit/s
Bus terminating resistor	no

Properties

Attribute	225MA...
Housing colour	Oberschale schwarzgrau RAL7021, Unterschale mausgrau RAL7005

Material information

Attribute	225MA...
Housing material	PA610GF30

Environmental conditions

Attribute	225MA...
Protection class, mechanical	IP44 ISO 20653
Protection class, electronic	IP53 ISO 20653
Operating temperature min.	-25 °C
Max. operating temperature	85 °C
Min. storage temperature	-40 °C
Max. storage temperature	85 °C

Installation

Attribute	225MA...
Mounting type	screwed
Thread	M6

Connection

Attribute	225MA...
Connector type	AMP Junior Power Timer