Display Controller
DC2

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The Display Controller DC2 is a CAN bus operating unit for controlling HMI displays. The module also has 6 pushbuttons. Thanks to the individual design and illumination of the symbols, it can be integrated into any operating concept. With RGB illumination of the push-buttons, 16 lighting scenarios can be preset.

Technical data

Operation temperature	-40°C to +85°C
Degree of protection	
Elektronic	IP67
Mechanic	IP4X

Functions

Joystick function	4 digital functions
Rotary function	20 detent points
Push button function	6 push buttons with RGB illumination

Example

DC2	-2	-1	-S3315	-S0924	-S0082	-S0083	-...	-...	-E317	-S...	-X

Basic unit

DC2	Display Controller

Push-button variants

1	Push-buttons with insert symbols
2	Push-buttons with predefined symbols

Mounting position / symbol arrangement

1	Controller position north
2	Controller position south
3	Controller position west
4	Controller position east

Symbol push-buttons 1

0	Without symbol
S	Symbol according to ISO 7000 (example: S0244 - acoustic signal, horn / ISO 7000 symbol 0244)
X	As required

Symbol push-buttons 2

0	Without symbol
S	Symbol according to ISO 7000 (example: S0244 - acoustic signal, horn / ISO 7000 symbol 0244)
X	As required

Symbol push-buttons 3

0	Without symbol
S	Symbol according to ISO 7000 (example: S0244 - acoustic signal, horn / ISO 7000 symbol 0244)
X	As required

Symbol push-buttons 4

0	Without symbol
S	Symbol according to ISO 7000 (example: S0244 - acoustic signal, horn / ISO 7000 symbol 0244)
X	As required

Symbol push-buttons 5

0	Without symbol
S	Symbol according to ISO 7000 (example: S0244 - acoustic signal, horn / ISO 7000 symbol 0244)
X	As required

Symbol push-buttons 6

0	Without symbol
S	Symbol according to ISO 7000 (example: S0244 - acoustic signal, horn / ISO 7000 symbol 0244)
X	As required

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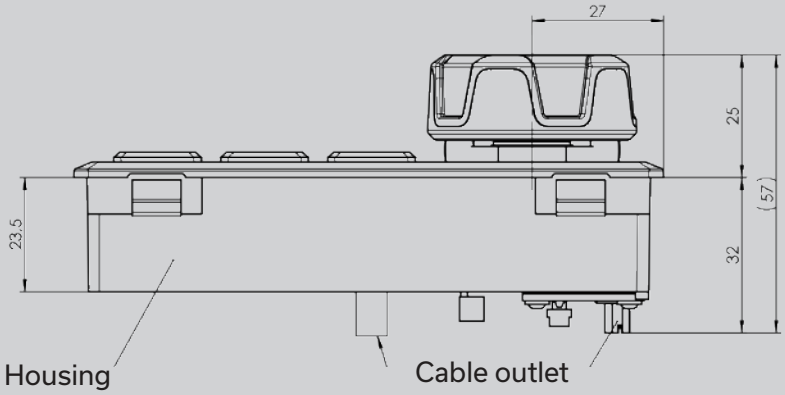
	DC2	-2	-1	-S3315	-S0924	-S0082	-S0083	-...	-...	-E317	-S...	-X
CAN Interface										E317		
Supply voltage	9-32 V DC											
Idle current consumption	50 mA (24V DC, excl. lighting)											
Protocol	CANopen CiA DS 301 or SAE J1939 (based on)											
Baud rate	20 KBit/s to 1 Mbit/s (standard 250KBit/s)											
Wiring	CAN cable 300 mm without plug											
CAN Safety Schnittstelle										E417		
Supply voltage	9-32 V DC											
Idle current consumption	50 mA (24V DC, excl. lighting)											
Protocol	CANopen Safety EN50325-5 or J1939-76											
Baud rate	20 KBit/s to 1 Mbit/s (standard 250KBit/s)											
Wiring	CAN cable 300 mm without plug											

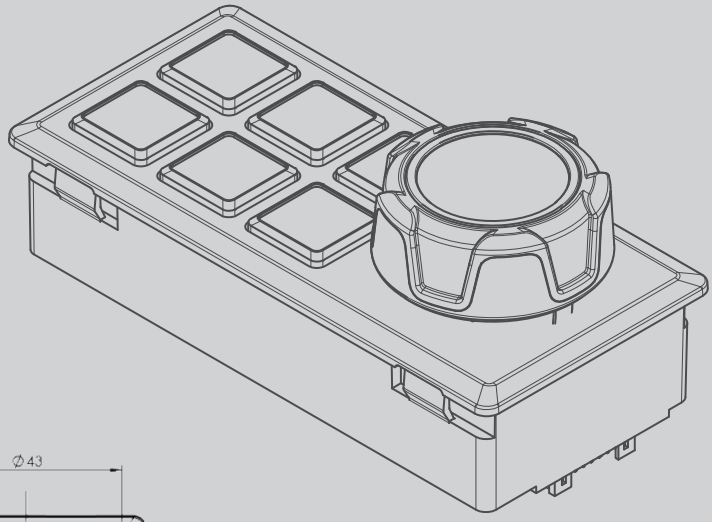
Plug	
S...	Standard plug (see page 129)

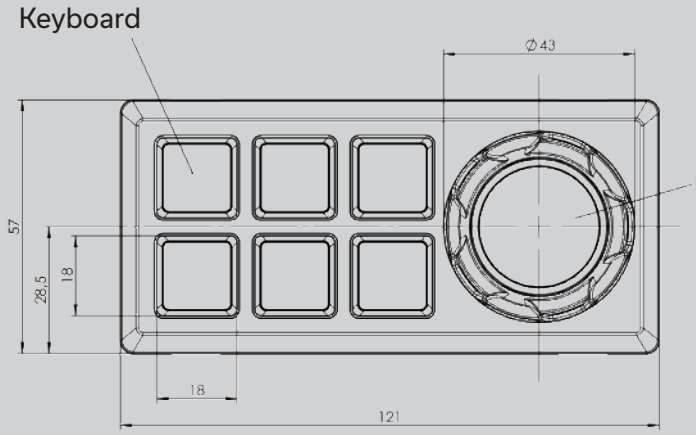
Special model	
X	Special / customer specified

Technical details may vary based on configuration or application! Technical data subject to change without notice!

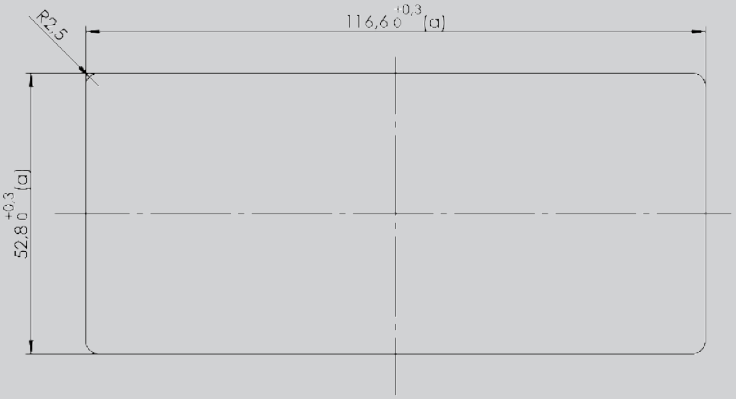
V2025/1 25.02.2025







Installation opening



Thickness of the mounting plate: 2-4

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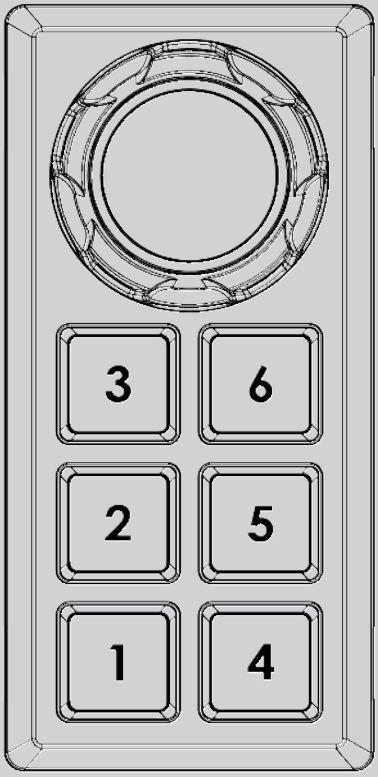
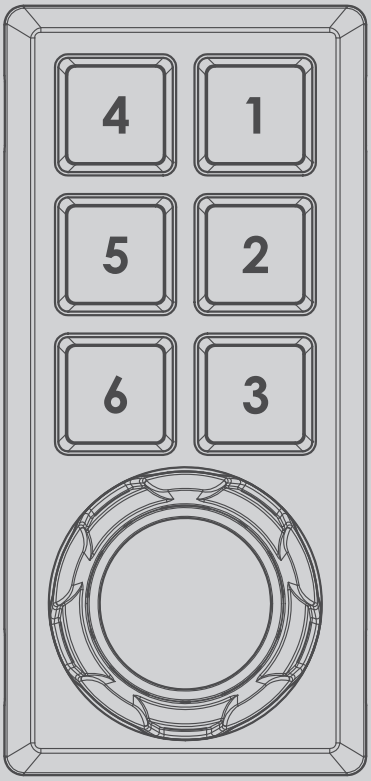
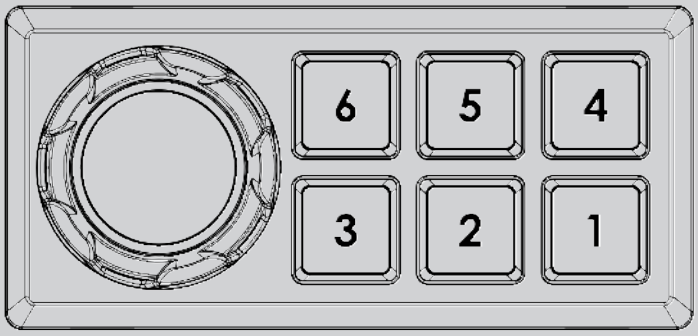
1 North



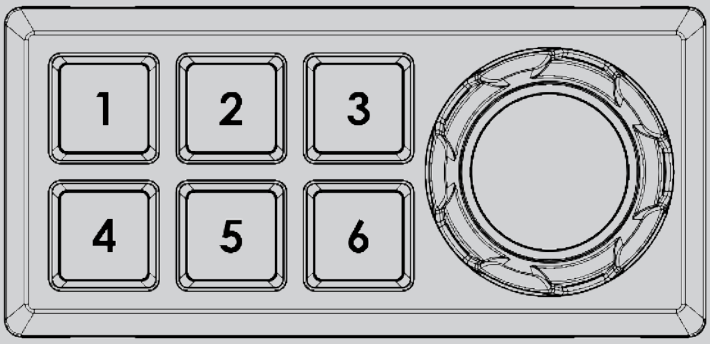
2 South



3 West



4 East



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V2025/1 25.02.2025