

The Display Controller DC1 is a robust CAN bus operating unit for controlling HMI displays. The module is designed for rough applications. Due to the individual design and illumination of the symbols, it can be integrated into any operating concept.

Technical data

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

Functions

Joystick function	4 digital functions
Rotary function	20 detent points
Push button function	2 push buttons



	DC1	-1	-S3315	-S0924	-E3151	-X
<i>Example</i>						
Basic unit						
DC1 Display Controller						
Illumination						
1 RGB illuminated ring						
Symbol push button left						
0 Without symbol						
1 F1						
2 F2						
S Symbol according to ISO 7000 (example: S0244 - acoustic signal, horn / ISO 7000 symbol 0244)						
X Custom-made						
Symbol push button right						
0 Without symbol						
1 F1						
2 F2						
S Symbol according to ISO 7000 (example: S0244 - acoustic signal, horn / ISO 7000 symbol 0244)						
X Custom-made						
CAN						
Supply voltage	9-32 V DC					
Idle current consumption	50 mA (24V DC, excl. illumination)					
Protocol	CANopen CiA DS 301 or SAE J1939 (based on)					
Baud rate	20 KBit/s til 1 Mbit/s (standard 250KBit/s)					
Wiring	CAN cable 300 mm with plug DTM04-6P					
CAN					E3151	
CANopen Safety						
Supply voltage	9-32 V DC					
Idle current consumption	50 mA (24V DC, excl. illumination)					
Protocol	CANopen Safety EN50325-5					
Baud rate	20 KBit/s til 1 Mbit/s (standard 250KBit/s)					
Wiring	CAN cable 300 mm with plug DTM04-6P					
CANopen Safety					E4141	
Special model						
X Special / customer specified						

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

