

CAN-BUS KEYPAD SWITCH MODULE ECB SERIES

Introduction

Suns ECB keypad switch module offers a flexible and sealed solution for high-density switch requirements in severe environments. The keypad can be configured with any graphic/switch, as well as with customer-defined illumination. Great for specialty vehicle, construction, and agricultural equipment markets.

- Reduced wire harness complexity and size; uses one harness to a controller, reducing wiring, weight, connection point, and controller requirements
- On/Off-Highway applications: signal and light controls, beacon and utility systems, etc..

Features

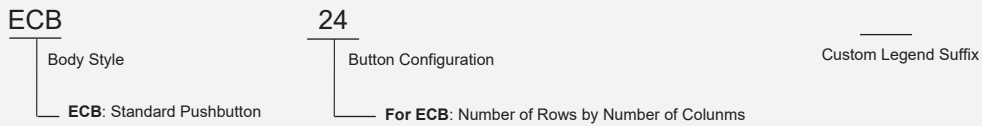
- Silicone rubber overmold for enhanced water resistance and shock-resistance
- SAE J1939 CAN or ISO11898 CAN
- Up to IP69K sealing protection when connected
- Exceptional tactile and audible feedback of switch actuation
- Modular legend inserts for easy legends change

Specifications

Voltage Input	8 to 32 VDC
Serial Communication	CAN J1939/ISO11898
Short Circuit Protection	ISO 16750-2
ESD	ISO 10605
Radiated Immunity	ISO14982 6.6
Conducted Emissions	SAE J1113-41
Broadband Radiated Emissions	ISO14982 6.4
Operating Temperature	-40~+85°C (-40~185°F)
Thermal Shock	IEC 60068-2-14
Solar Radiation	IEC 60068-2-5
Ingress Protection	IP67
Humidity	IEC 60068-2-78; IEC 60068-2-30
Salt Fog	IEC 60068-52
Chemical resistance	ISO 16750-5
Vibration	IEC 60068-2-6
Mechanical Shock	IEC 60068-2-27

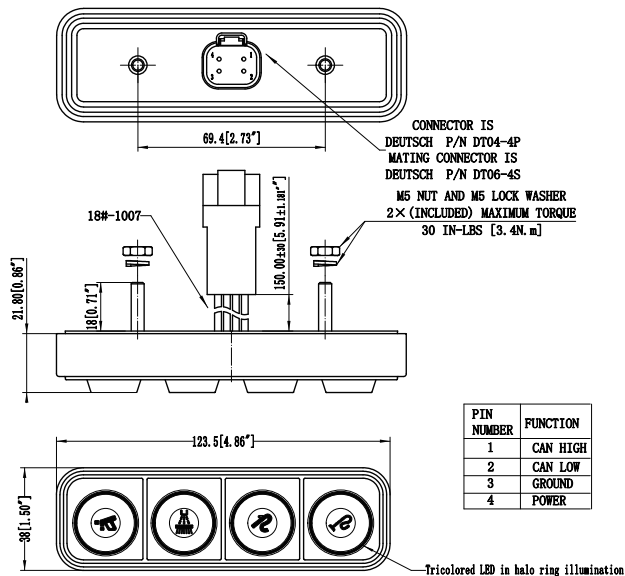


Selection Guide:



Dimensions:

ECB14
Canbus Keypad

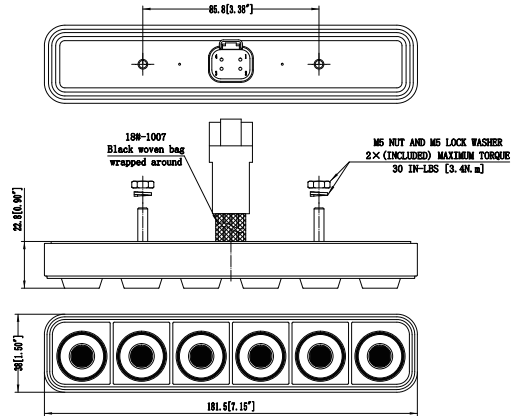


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ECB16



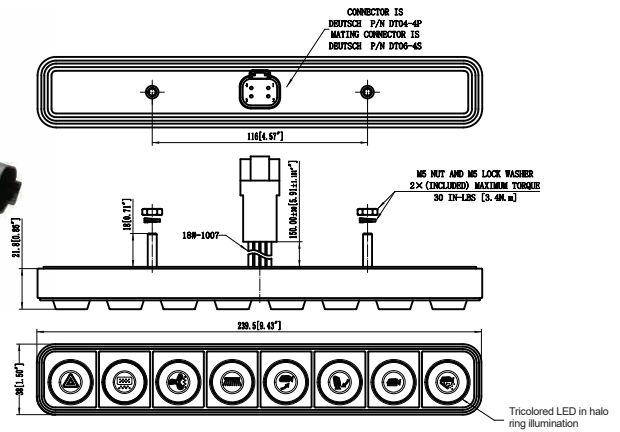
PIN NUMBER	FUNCTION
1	CAN LOW
2	CAN HIGH
3	GROUND
4	POWER



ECB18



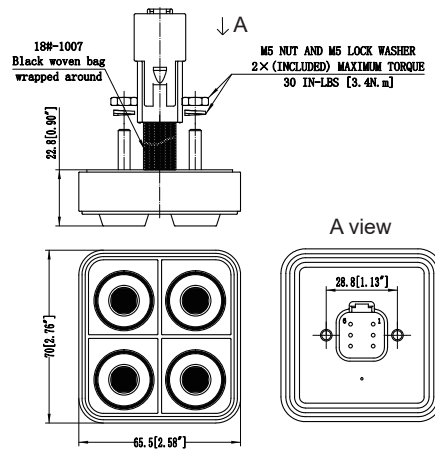
PIN NUMBER	FUNCTION
1	CAN LOW
2	CAN HIGH
3	GROUND
4	POWER



ECB22



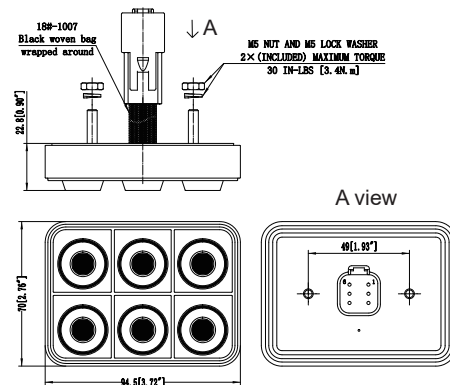
PIN NUMBER	FUNCTION
1	Vbat
2	Common
3	CAN HIGH
4	CAN LOW
5	Common
6	GND



ECB23



PIN NUMBER	FUNCTION
1	Vbat
2	Common
3	CAN HIGH
4	CAN LOW
5	Common
6	GND

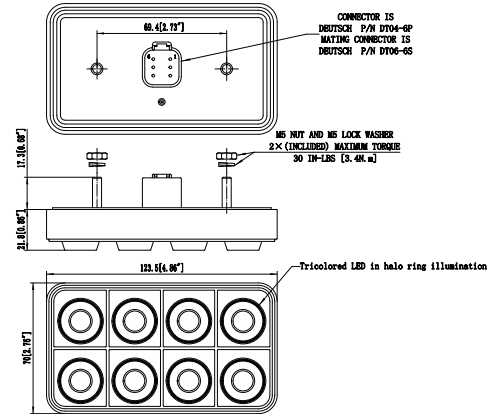


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ECB24



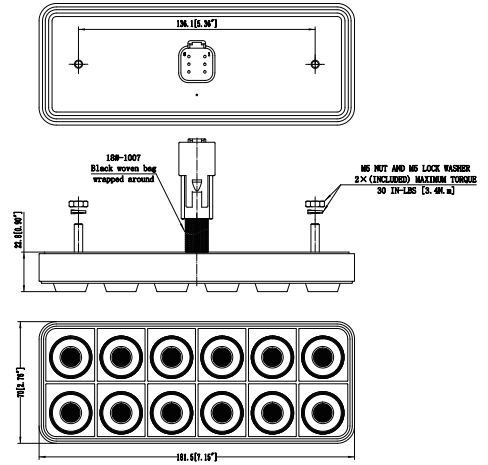
PIN NUMBER	FUNCTION
1	Vbat
2	Common
3	CAN High
4	CAN Low
5	Common
6	N/A



ECB26



PIN NUMBER	FUNCTION
1	Vbat
2	Common
3	CAN HIGH
4	CAN LOW
5	Common
6	GND



ECB35



PIN NUMBER	FUNCTION
1	Vbat
2	Common
3	CAN HIGH
4	CAN LOW
5	Common
6	GND

