

CED040 electronic control unit



- 12VDC applications
- Designed for PHC electronic systems
- Four digital outputs control (by 4 relays)

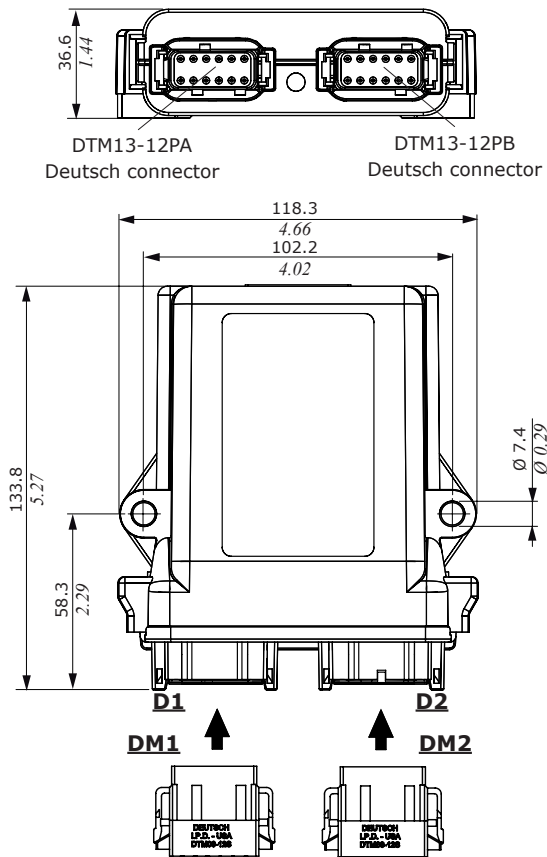
Working conditions

| General features | CED040 |
|-----------------------------|--|
| Supply voltage | from 9 to 16 V |
| Current consumption | 50 mA (no-load current) 15A (max. supply) |
| Max current output | 15 A (2 output) |
| Interface | CAN 2.0 A - B |
| EMC compatibility | 150 V/m - ISO13766, ISO14982 |
| Environmental compatibility | IEC60068-2-6/27/29 |
| Working temperature | from -40 to +85°C (<i>from -40°F to 185°F</i>) |
| Protection degree | IP67 with mating connector attached |
| Weight | 0.3 Kg (<i>0.66 lb</i>) |
| Analog inputs | |
| Number | 3 |
| Signal type | from 0.5 to 4.5 V |
| Digital inputs | |
| Number | 6 |
| Signal type | 0/VB |
| ON/OFF outputs | |
| Number | 4 |
| Type | relay (HSD*) |
| Max. load | 7.5 A |

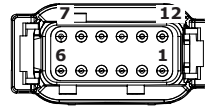
NOTE (*): HSD - High Side Driver

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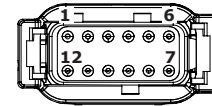
Dimensions and pin-out



D1 connector



D2 connector



Connectors PIN-OUT

| Pin | Function | |
|-----|--------------|--------------|
| | D1 connector | D2 connector |
| 1 | OUT_1 | OUT_L |
| 2 | VB- | DI_5 |
| 3 | CAN_H | DI_1 |
| 4 | CAN_L | VJ- |
| 5 | AI_4 | AI_3 |
| 6 | AI_5 | AI_2 |
| 7 | VK+ | AI_1 |
| 8 | VK+ | VJ+ |
| 9 | OUT_2 | DI_2 |
| 10 | OUT_3 | DI_3 |
| 11 | OUT_4 | DI_4 |
| 12 | OUT_1 | DI_6 |

Mating connectors

| Name | Type |
|------|--------------------|
| DM1 | DTM06-12SA Deutsch |
| DM2 | DTM06-12SB Deutsch |

CED040 control unit code

| | |
|-------------|--|
| Code | 183360010 |
| Description | CED040/PHC250C-12V/v6.00 |
| Notes | Supply voltage 12V, 3 ON-OFF outputs (5A) |

System diagram

CED040/PHC250C configuration

The CED040 control unit is dedicated configuration for front loader application, for SDM122/DLM22 series with mechatronic control.

For information, please contact our Sales Department.

