



# SPLITTER C2-PE4

Standard version



The **Splitter C2-PE4** is a device dedicated to connect multiple GND signals to your vehicle chassis. It offers the possibility to connect up to 70 signals and up to four power connections. The product is designed to regroup all of the vehicle's grounding into one place, at the same level. It can be integrated in small accessibility areas.

### The advantages of the Splitter C2-PE4:

- Connect up to 70 signals to the module
- Connector can handle current up to 15 A per pin
- Continuous current up to 200 A
- Can be used for GND or +BATT signal distribution

**Standard version of the product is presented on the first page of this document. Customisation of the product can be realised according to your requirements. Refer to page 2 and contact us for more information.**

### The advantages of our Splitter modules summarised:

- **Robust & durable:** Thanks to high IP levels and cable harness reduction
- **Fast project processing:** Due to a broad range of standardised housings and a structured and established product development process
- **High economic efficiency:** Resulting from simplified installation and maintenance as well as low tooling and engineering costs
- **Convincing service concept:** We support you from the first idea up to serial production of your tailor-made solution and beyond
- **Compact & modular architecture:** Thanks to the modular building block system, the customer-specific configurable PCB and the efficient use of space

Mechanical data	
Box dimensions	155 x 115 x 45 mm
PCB dimensions	141 x 101 mm
Operating temperature	-40 °C up to +85 °C
IP protection class	IP66 / IP69K
Specifics	Oblong compression limiter

Electrical data	
Power inputs	2 x M8 Powerelements 1 x M6 Powerelement 1 x M5 Powerelement
Current rating	Up to 200 A
Connectors	1 x LeavySeal 31-pin 1 x LeavySeal 39-pin

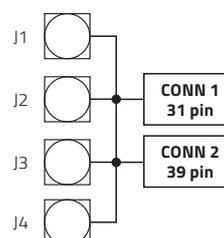
Mating connector		
Pins	Code	TE part number
31	E	1-1564297-6
39	E	5-1718321-3

Torque fixing point	
Compatibility	Up to ISO class 8.8 screws

Torque electric connection	
M5	2.4 Nm
M6	3.9 Nm
M8	9.0 Nm

Order information	
Splitter C2-PE4	ICS-105118

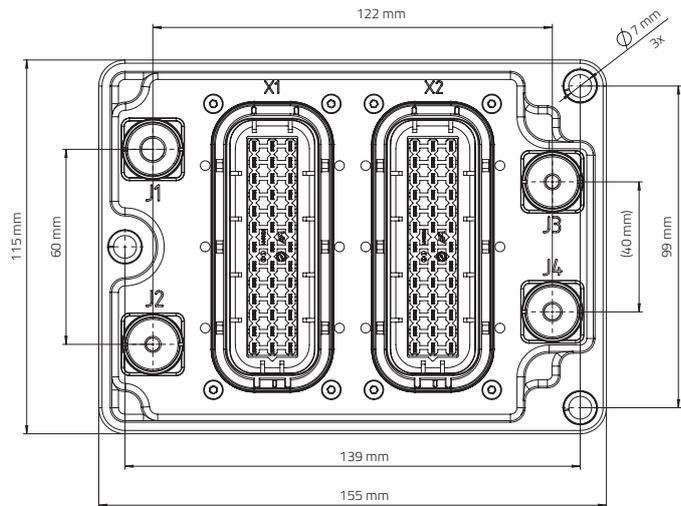
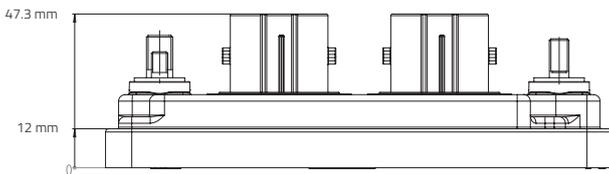
### Electrical schematic



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## Box dimensions



**Do you want to customise the Splitter C2-PE4 according to your needs? With the following three steps, we help you to get your tailor-made solution.**

# 1

Choose desired inputs and outputs according to your electrical schematic

### Up to 4 Power Inputs

- Threaded: M5, M6, M8
- Radlok™: 3.6, 5.7, 8
- SurLok Plus™: 3.6, 5.7, 8
- LED indicator
- Closed input

# 2

Select the components to be integrated and get the PCB designed according to your electrical schematic

### For 12 V / 24 V applications:

#### Compatible LeavySeal connectors

Pins	Code	TE part number
31	E	1-1564297-6
39	E	5-1718321-3
62	A	1-1418883-1

### For 48 V applications:

#### Compatible HDSCS connectors (group D)

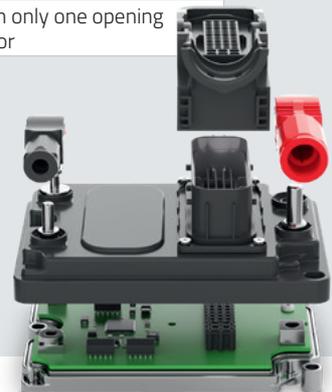
Pins	Code	TE part number
8	A	1-1670894-1
10	B	2-1564514-1
12	C	3-1703639-1

# 3

Choose your additional component options

### Options

- CAN signals connection
- Electronic components integration for different I/O's measurement
- Version with only one opening for connector



### Are you looking for a box with special requirements?

No problem, just contact us! We develop your customer-specific product according to the motto: more than you expect. From the idea through to the start of serial production.

For more information write us an e-mail [ics@we-online.com](mailto:ics@we-online.com), call **+49 7940 9810-0** or visit us at [www.we-online.com/ics](http://www.we-online.com/ics)

Würth Elektronik ICS GmbH & Co. KG  
 Intelligent Power & Control Systems  
 Gewerbepark Waldzimmern · Würthstraße 1  
 74676 Niedernhall · Germany  
 Tel.: +49 7940 9810-0 · Fax +49 7940 9810-1099  
[ics@we-online.com](mailto:ics@we-online.com) · [www.we-online.com/ics](http://www.we-online.com/ics)

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