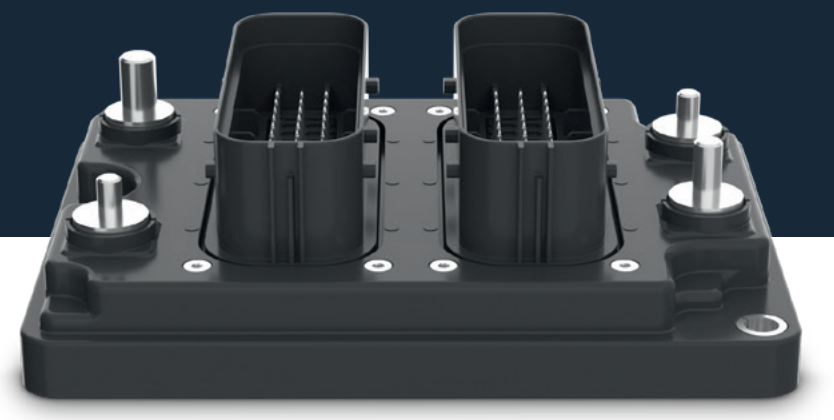
WÜRTH ELEKTRONIK MORE THAN YOU EXPECT

12 V | 24 V | 48 V

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

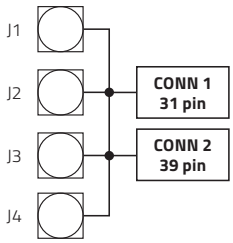
Mating connector		
Pins	**Code**	**TE part number**
31	E	1-1564297-6
39	E	5-1718321-3

Torque fixing point	
Compatibility	Up to ISO class 8.8 screws

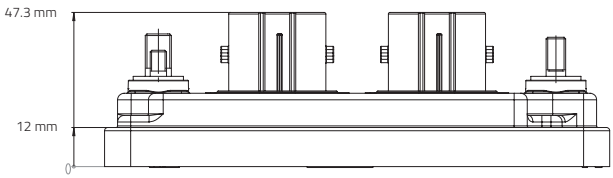
Torque electric connection	
M5	2.4 Nm
M6	3.9 Nm
M8	9.0 Nm

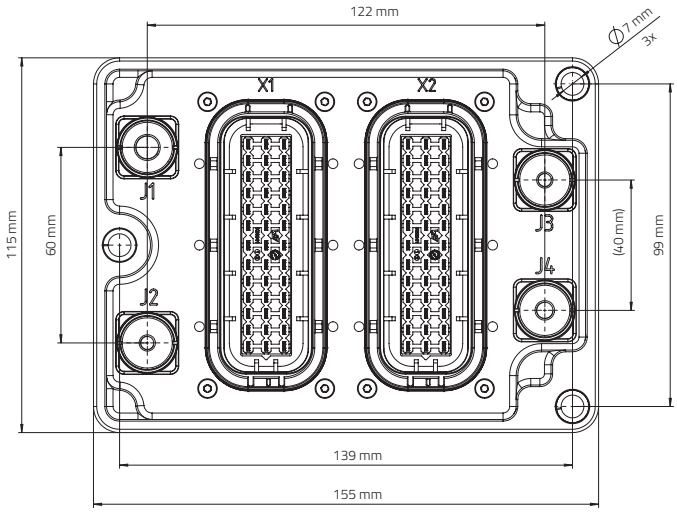
Order information	
Splitter C2-PE4	ICS-105118

Electrical schematic



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:

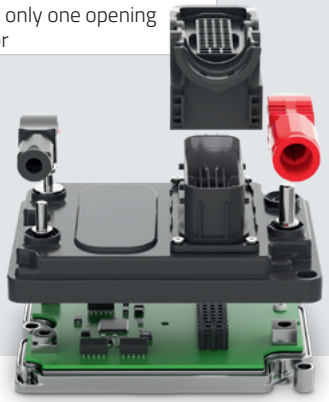
Compatible LeavySeal connectors		
Pins	**Code**	**TE part number**
31	E	1-1564297-6
39	E	5-1718321-3
62	A	1-1418883-1

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**, call **+49 7940 9810-0** or visit us at **www.we-online.com/ics**

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