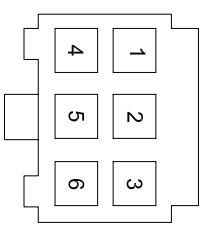


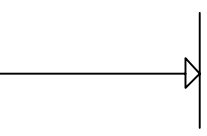
Technical Data Sheet DC/DC converter 24W200

Parameter	Min.	Max.	Unit	Test Condition
Input Voltage	30	130	V	
Output Voltage	23,5	24,5	V	
Output Current	0	8,3	A	Constant
Efficiency	89		%	V _{in} =80V, I _{out} =12,5A
Static load regulation		400	mV	I _o =0-12,5A, V _{in} =80V T=25°C
Static line regulation		200	mV	V _{in} =30-130V T=25°C
Output short circuit protection				I _{out} =12,5A V _{in} =30-130V V _{out} =24V Yes
Output current limit	9,1	12,1	A	V _{in} =30-130V V _{out} =24V
Enable voltage	+20	+130	V	Referred to "N-"
Input reverse polarity protection				Yes
Output series diode				Yes
Output crowbar protection		30	V	Double crowbar optional
Led power ON		90	°C	Yes
Thermal protection		90	°C	Yes
External temperature range	-20	+55	°C	
Storage temperature range	-40	+70	°C	
Protection degree				IP65 (Connector excluded)

Position	Colour	Function
1	BLACK	IN+
2	BLUE	IN-
3	RED	OUT+
4	BLUE	OUT-
5	ORANGE	ENABLE
6		not connected



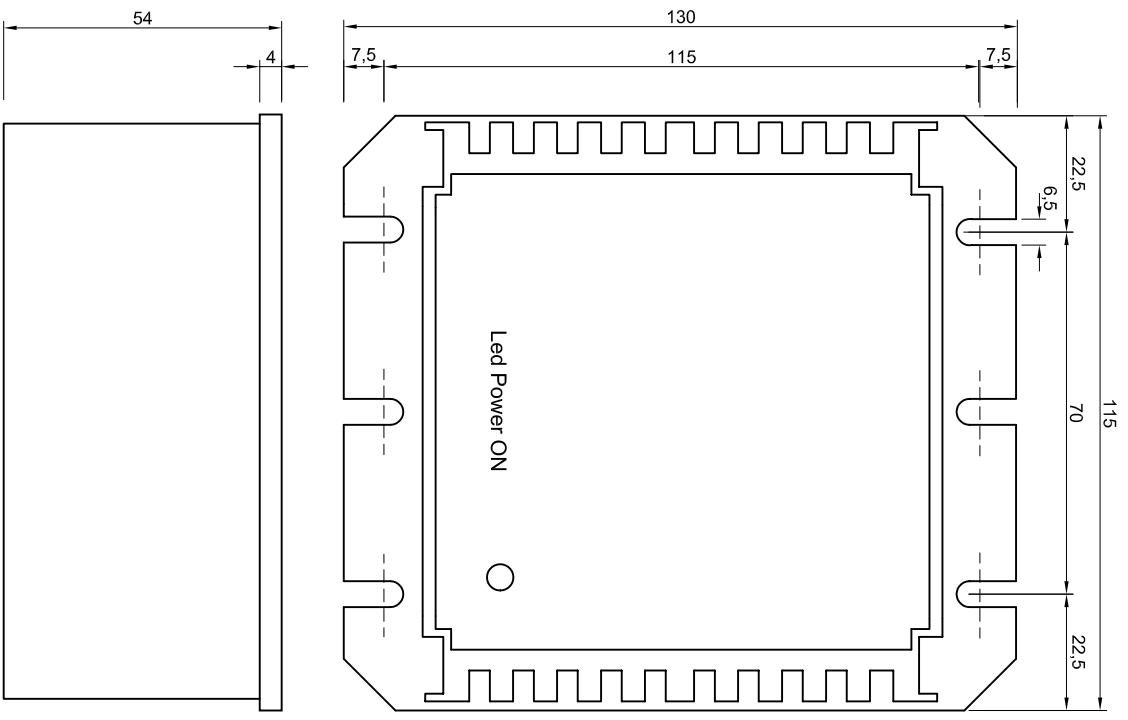
Cable side front view



Molex Connector
Code 19091069

Cable length
150 mm

The input ENABLE must be connected to positive battery voltage, typically after the key switch



Led Power ON