

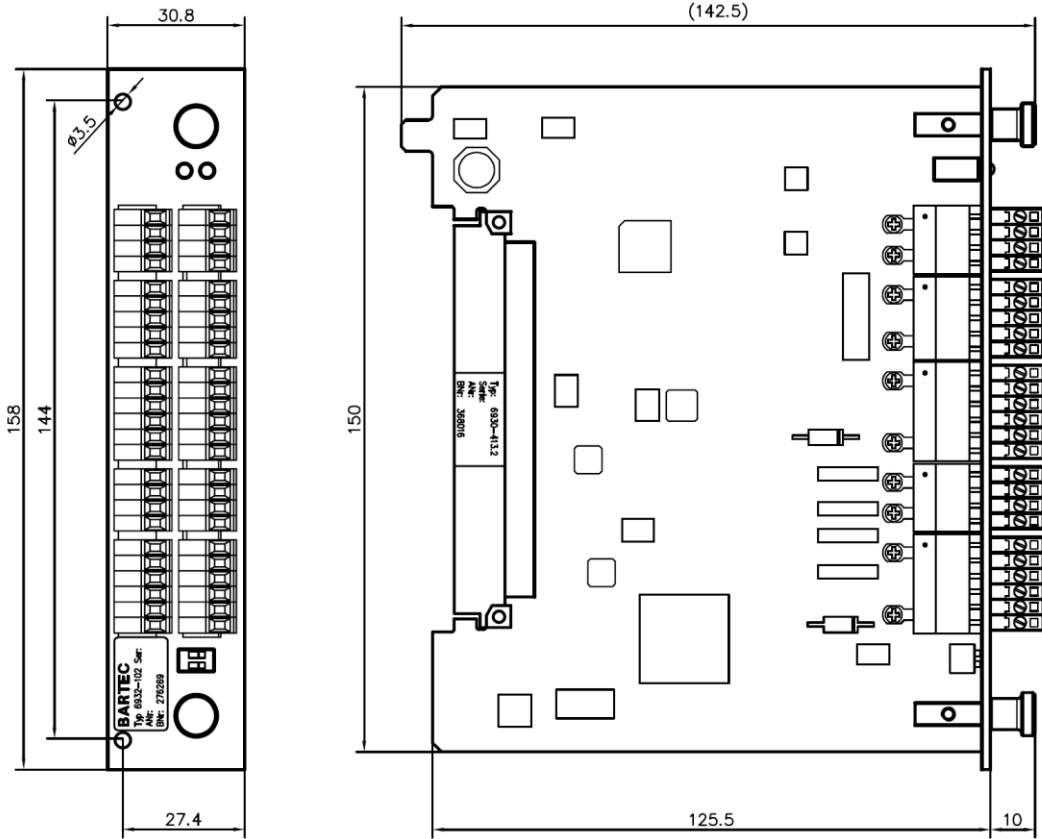
## COMM Ex e interface aircraft, type 6932-117

- USB
- RS-232-Interface
- CAN (J1939)
- RS-485-Interface
- Diagnosis



Technical data	
<b>Electrical Data</b>	
Supply voltage electronic	DC 5,5 V, fuse 1 A
Supply voltage external devices	24 V stabilised (6932-100 U <sub>24V_S</sub> )
Fuse peripherie	1000 mA
Fuse Printer	3500 mA
Interface USB	USB, Full speed, bus-powered, 12 Mbits/s
Interface RS232_1	Rx, Tx, CTS, RTS, 115 K, galvanically isolated
Interface RS232_2	Rx, Tx, CTS, RTS, 115 K, galvanically isolated
Interface RS232_3	Rx, Tx, CTS, RTS, 115 K, galvanically isolated
Interface RS232_4	Rx, Tx, galvanically isolated
Console (diagnosis)	Tx, 115 K, galvanically isolated
Interface RS 485	Serial, asynchron, 9600 bit/s, RS485 (max. 115 K)
CAN interface	CAN 2.0A/B, 250 kbaud Communication profile: free protocol based on SAE J1939 CAN bus termination: activated or deactivated
Product ID	6004
System connection	USB, Full speed, self-powered, 12 Mbits/s via motherboard
<b>Ambient conditions</b>	
Ambient temperature	-20 ... +70 °C
Ambient temperature (inside the basic module)	-20 ... +50 °C
Storage temperature	-20 ... +50 °C
<b>Mechanical Data</b>	
Dimensions	See Drawing
Weight	2,5 N (250 g)
Cable connection	Clamp connection pluggable, 1,5 mm <sup>2</sup>
<b>Ordering details</b>	
<b>Designation</b>	<b>Order no.</b>
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## Dimensions



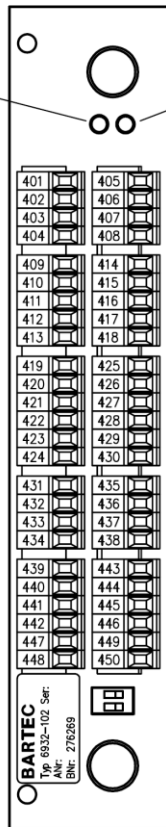
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## Terminal connection

green LED  
"USB-Communication"

green LED flashes  
"Module busy"

Terminal	Signal
401	TxD_1
402	+24V
403	RxD_3
404	CTS_3
409	+24V
410	RxD
411	CTS
412	+24V
413	RxD_5
419	+24V_SW
420	+24V
421	A
422	B
423	GND
424	GND
431	+24V_RS232 IN/OUT
432	+24V_RS232
433	RxD_2
434	CTS_2
439	CANH
440	CANL
441	Shield
442	Earth
447	D+
448	D-



Terminal	Signal
405	GND
406	GND
407	TxD_3
408	RTS_3
414	GND
415	TxD
416	RTS
417	GND
418	TxD_5
425	+24V_SW
426	+24V
427	PNET_A
428	PNET_B
429	PNET_S
430	GND
435	GND_RS232 IN/OUT
436	GND_RS232
437	TxD_2
438	RTS_2
443	+24V_B IN/OUT
444	+24V_B
445	GND_B IN/OUT
446	GND_B
449	+5V
450	GND

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