

Connectors:

Water cooling

Connector:	KSG 18 NW7 BA
Minimum flow rate:	2l/min
Maximum flow rate:	10l/min
Coolant:	Regular clean tap water

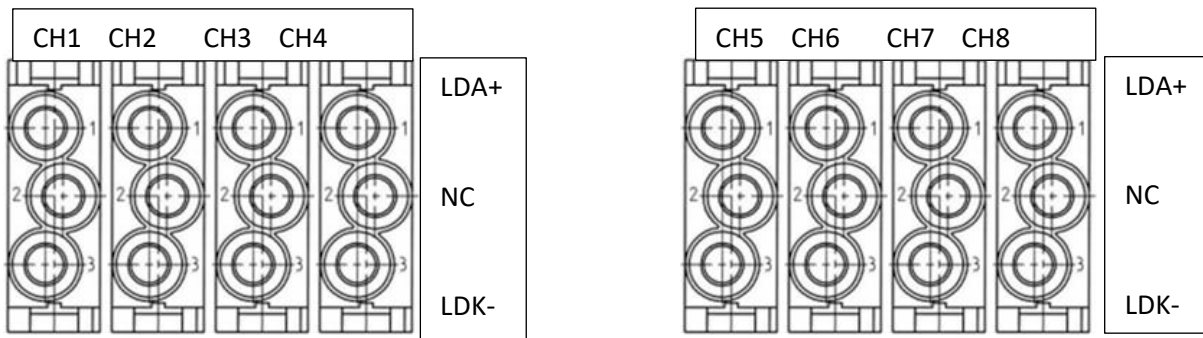
Power input

Connector:	WIELAND RST 2015G
Voltage:	208 - 400Vac Y
Power draw:	max. 20A

Output

Connector:	LAPP EPIC® H-B 16 AG
Voltage per channel:	1 ... 15V
Current per channel:	0 ... 45 Amps

The channels are laid out as follows:



Emission light

Connector:	LUM KFV 50
PIN 1:	Red (24Vdc max 100mA)
PIN 2:	Green (24Vdc max 100mA)
PIN 3:	Yellow (24Vdc max 100mA)
PIN 4:	GND

User interface:

Connector:	D-SUB D-9
PIN 1:	Contactur status (dry contact)
PIN 2:	n.c.
PIN 3:	n.c.
PIN 4:	Contactur status (dry contact)
PIN 5:	LASER ON GND (galvanic isolated)
PIN 6:	n.c.
PIN 7:	Remote shut down (connect to 8 with dry contact)
PIN 8:	Remote shut down (connect to 7 with dry contact)
PIN 9:	LASER ON Output TTL 5V (galvanic isolated)

Optional RS-232

Connector:	D-SUB D-9
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Optional Ethernet

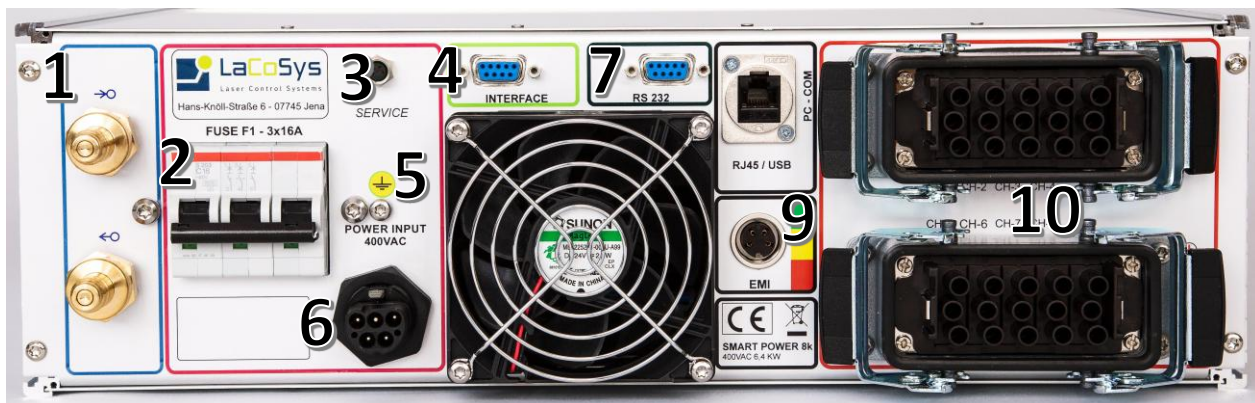
Connector:	Standard RJ-45
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FRONT SIDE



- 1 Control display
- 2 Keylock
- 3 System power-ON indication LED
- 4 Power switch

REAR SIDE



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|--------------------------|------------------------|
| 1 Optional water cooling | 6 Power supply |
| 2 Circuit breakers | 7 Optional RS-232 |
| 3 Service interface | 8 Optional Ethernet |
| 4 User interface | 9 Emission light (EMI) |
| 5 Protective earth | 10 Power output |

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