



Complete (UV-)Systems UV-Compact D - Cabinet for 1-Lamp Operation

ready to start: Complete Control Unit
for 1-Lamp Systems

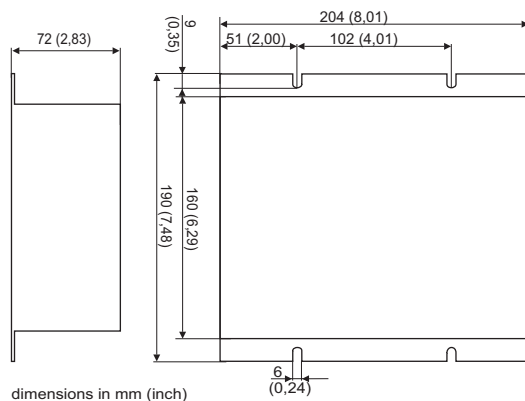


Features

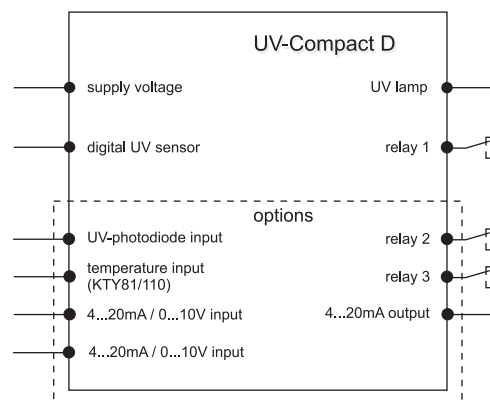
- ⇒ electronic ballast - power range 30...160W
- ⇒ operation hour counter, cycle counter
- ⇒ lamp replace counter, lamp replacement indication
- ⇒ UV-monitoring using ZED digital UV sensor or UV-photodiode (option)
- ⇒ startup / warmup delay
- ⇒ internal temperature monitoring / overheating protection
- ⇒ system state indication on alphanumeric display
- ⇒ user operation parameters adaptable by customer
- ⇒ multi language user interface
- ⇒ system state forwarding via relay
- ⇒ customer specific implementation on request (e.g. lamp preheating, external temperature monitoring, additional relays for switching / warning / alarming, dose calculation, transmission measurement...)

lamp power range:	30...160W	mains voltage:	230V AC ±10%
operating frequency:	30...50kHz	mains frequency:	45...65Hz
handling:	menu-based, 4 buttons	efficiency:	> 90%
status indication:	4 line LCD-Display, back light colour: green, yellow, red-flashing	languages:	German, English, additional languages on request
connections:	mains: line cord, cable length 1,5m		
	lamp: Hirschmann cable socket CA6GD (appropriate Hirschmann cable plug CA6LS is element of delivery; required cable diameter: 6...12mm; wire gauge: max. 0,75mm ² / AWG 19)		
	1x RS485-interface for parallel operation of up to 2 digital UV sensors 1x relay switching output (potential free contact, resistive load: 50...500mA at 24...230V AC; 50...500mA at 5...60V DC)		
dimensions (w/h/d):	190 / 204 / 72 mm	IP Code:	IP54 if lamp and peripherals are connected by appropriate plugs
weight:	1900g	ambient temperature:	0...40°C
mounting:	see ZED "Ballast Generals"		
recommended sensors:	digital sensor: D-SICONORM-LP, D-SICDVGW-LP, D-SiC131, D-SiC133 UV photodiode (optional): SiC001, SiC003		
optional functions:	<ul style="list-style-type: none"> • light version - without UV monitoring • lamp preheating • UV measurement by using UV photodiode • external temperature monitoring (warning / alarming threshold, overheating protection) • forwarding of UV-, temperature- or lamp status or further switching functions by using additional relays (see drawing) • connection to PLC by using 4...20mA Interface • flow measurement and dose calculation by using 4...20mA / 0...10V Interface • transmission measurement by using two digital UV sensors 		

Dimensions



Connections



subject to change

Please note the installation and operating instructions and the technical advices in the ZED "Ballast Generals".
For use in chemical and biological inactive environment only!
To be installed by specialized staff.