



Complete (UV-)Systems ZCAB - Cabinet for 1...4-Lamp Operation

**ready to start: Complete Control Unit
for 1...4-Lamp Systems**

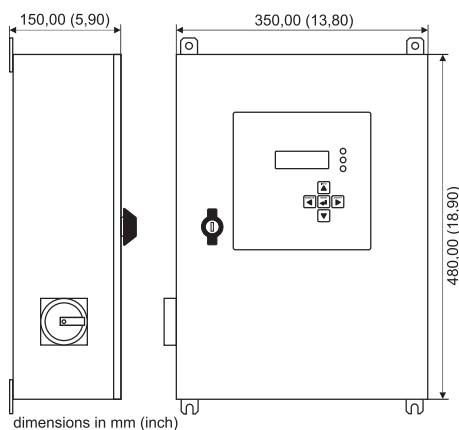


Features

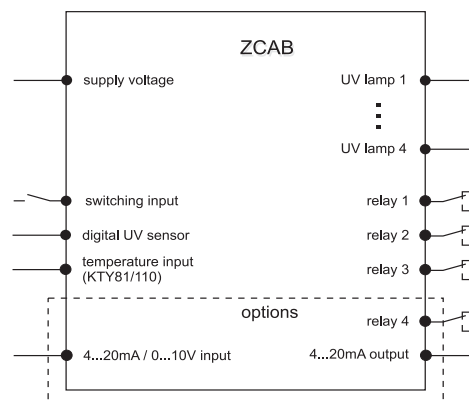
- ⇒ alternatively fitted with up to 2 single or twin ZED microprocessor ballasts (= up to 4 UV-lamps)
 - maximum total output power 1600W
 - start / stop ballast
 - control lamp parameters
 - state monitoring of each lamp and ballast
 - operation hour / cycle / lamp replace counter
- ⇒ system operation and state indication via alphanumeric display
 - user operation parameters adaptable by customer
 - multi language user interface
 - remote operation via external control switch
- ⇒ state forwarding via relays
 - system state / warnings / errors
- ⇒ UV monitoring
 - using up to four ZED digital UV sensors
- ⇒ temperature monitoring / overheating protection
 - using internal and external sensors
- ⇒ internal controlled fan for forced ballast cooling
- ⇒ automatic restart function after error events
- ⇒ ready for certification according to DVGW W294-3 and OENORM M5873-1 standard

total output power:	1600 W maximum	mains voltage:	230 V AC $\pm 10\%$
operating frequency:	30...50 kHz	mains frequency:	45...65 Hz
handling:	menu-based, 5 buttons	efficiency:	> 90 %
status indication:	4 line LCD-Display, back light colour: green, yellow, red-flashing	languages:	German, English, additional languages on request
connections:	all inputs and outputs via DIN rail terminals (required wire gauge: 0,5...4,0mm ² / AWG 21...12)		
	1x mains (L / N / PE) 1...4x lamps (4-PIN)		
	1x RS485-interface for parallel operation of up to 4 digital UV sensors 1x potential free switching input, state: (ON-Level from 110...240 V AC, OFF-Level up to 50 V AC) 1x semiconductor temperature sensor input (KTY81/110 / KTY81/220) 3x relay switching output (potential free contact, resistive load: 50...500mA at 24...230V AC; 50...500mA at 5...60V DC)		
dimensions (w/h/d):	350 / 480 / 150 mm	IP code:	IP 54 if all cable are connected by cable gland
weight:	9,5 kg	ambient temperature:	0...40 °C (32...104 °F)
mounting:	see ZED "Ballast Generals"	recommended sensors:	digital sensor: D-SICONORM-LP, D-SICDVGW-LP, D-SiC131, D-SiC133
optional software modules:	<ul style="list-style-type: none"> • dimming module (lamp control via 4...20 mA input) • UV value output module (forwarding UV value to PLC via 4...20 mA output) • timer module (cyclic switching of relays, e.g. for valve operation) • interval flushing module (cyclic / temperature controlled relay operation, e.g. for reactor flushing) ... customer specific modules on request		

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.