

data sheet

HC510-OC2-230-10-I-SL

for HC510 rack (RK), OC2 = output-card - 2nd generation, 230 Volts, 10 channels, I = amp measurement, SL = softSTARTlight



order code

510.411

100 % compatible replacement for antecessor

HC510-OC-230-10-SL (order code 510.243)

mechanics

construction	• power circuit boards with aluminum heat sink • aluminum front panel (powder coated)			
dimension (b/w/d with connectors)	343 / 33.7 / 230 mm 13.5 / 1.33 / 9.1 inch			
weight (without packing)	0.9 kg 1.98 lb			
degree of protection	IP20			

climatic condition

surrounding air temperature	0 - 45 °C 32 - 113 F			
rel. humidity	≤ 75 %, no condensation			
forced ventilation	with fan-unit (FU) mount to rack (RK)			

connectors

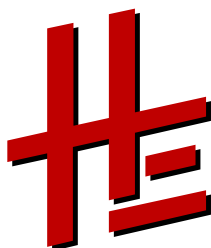
HC-BUS	gold contacts on PCB for plugs in the rack (RK)			
power in	screw type plugs on front			
	1 pcs.	3 pins	0,75 - 16,0 mm ² AWG 18 - 6	1,2 - 1,5 Nm 10.6 - 13.2 lb in
outputs	2 pcs.	5 pins	0.25 - 4.0 mm ² ; AWG 24 - 10	0,5 - 0,6 Nm 4.4 - 5.3 lb in

supply	
voltage	230 Vac • 2 phases at will
amp	43.5 A each phase (power in) / 2 phases
protection	external (for wire protection only)

outputs	
quantity	10
amperage	8.7 A / 2.000 W
heater wiring	• Y-operation = heaters between phase and neutral (N) • Δ-operation = heaters between 2 phases
switching	BF (full sinusoid waves) with softSTARTlight
short circuit protection of power switches (triac)	1 melt fuse each channel 6.3 x 32 mm, TS 16 A (HC-SI-160TS-6X32, order code 100.954) USE ORIGINAL FUSES ONLY !

various	
quantity each CPU-unit (CU)	max. 64
detection of • broken IR-lamp • broken wire • broken fuse • shorted power switch (heater can not be turned off)	with one (1) multiplexed amp measurement each phase
constant amp despite fluctuating voltage	if voltage-unit (VU) is used
LEDs	2 (HC-BUS, power supply and power circles)

certification	
IEC60204-1 containing EN60204-1  and UL508	



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