



**equipment qualities**

- short-circuit proof
- no galvanic separation
- compact construction
- E1 certifiat (type 2238.0)
- switched mode



**technical parameter:**

specification	type	2238.0	2238.6	2238.61
DC area input voltage		5,5V - 8V	5,8V - 8V	
DC output voltage		12V		
DC output current		10A	20A	30A
CV stability		proportional input voltageUe		
CV remaining ripple Ueff		25mV	25mV	25mV
idle current accommodation		< 30mA	<60mA	<90mA
power input full load		ca. 22 A	ca.44 A	ca.66 A
protection		1 x 25A	2x25A FSK	3x25A FSK
correction time by load 10-100%		1,5ms		
cooling		Konvektion	switched fan	
operating temperature		0 - 35°C		
max.relative humidity		85% bei 35°C		
fixing degree		140mm Dm 4mm	130 x 160mm	
dimensions WxHxD mm		150 x 85 70	120 x 95 x 210	120 x 165 x 240
weight		0,6 kg	1,8 kg	2,2 kg
other		minus -gnd		
certificat		E1 - certifiat		
color		RAL 9005	RAL 7035	
degree of protection		IP 30 / III		
electric connections input		level plug 6,3x0,8	clamp	bolt M8
electric connections output		level plug 6,3x0,8	clamp	bolt M8
noise suppression		EN 61000-6-3 ; EN 61000-6-2		