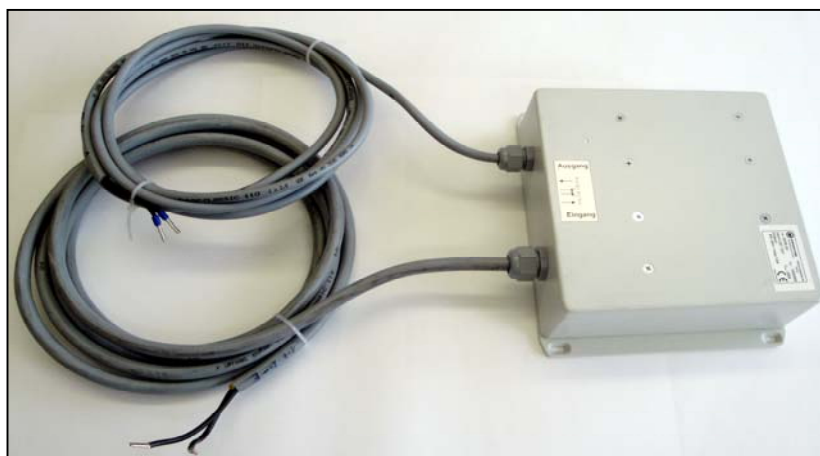


**equipment qualities**

- short-circuit proof
- no galvanic separation
- compact construction
- switched mode
- stabilised type 2239.30
- humidity protected



**technical parameter:**

specification	type	2239.3	2239.30	2239.33
DC area input voltage		11V - 14,5V	11V - 14,5V	11V - 14,5V
DC output voltage		24V	24V	24V
DC output current		6A	6A	12A
CV stability		proportional Ue	with limited voltage by 26V	proportional Ue
CV remaining ripple Ueff		25mV	25mV	25mV
idle current accommodation		< 30mA	< 30mA	< 60mA
power input full load		22A	22A	25A
fuse protection		25A	25A	2x 25A
correction time by load 10-100%		1,5ms		
operating temperature		-10°C - 45°C		
max.relative humidity		85% bei 35°C		
dimensions WxHxD mm		165 x 100 x 80		215x70x185
distance of clips		125 x 120 Dm 4mm		203 x 161
weight		1,0 kg		3 kg
other		together with negativ potential		
color		RAL 7035		
degree of protection		IP 65		
electric connections input		cable ca. 200mm		
electric connections output		cable ca. 200mm		
noise suppression		EN 61000-6-3 ; EN 61000-6-1		