



Output current: **10A; 16A / 13A**
 Rated voltage PRI: **230V AC 50/60Hz / 3 x 400V 50/60Hz**
 Range of output voltage: **0 - 230V AC / 0 - 400V AC (50 degrees of control)**
 Control type: **0 - 10V DC, 0-20mA, MODBUS RTU**

AREX/ZC and A3REX/ZC are microprocessor-based, thyristor electric heater power regulators. The control is done with 0-10V DC signal, 0-20mA signal (product for special order) or MODBUS RTU protocol. The control is carried out using the symmetrical group method with zero-voltage switching. The regulation period is 1...60s. By using an internal DC power supply for the control unit and set of optoisolators, galvanic insulation on the level of 4kV between the control input and the executive system is achieved, which significantly increases safety. Protection grade IP54.

The controllers functionality has been extended with the introduction of an air flow sensor input (S1, S2), which allows safe control of heaters in air ducts.

A3REX/ZC has been equipped with an independent switch.

Type	Current	Max power	Adjustment range	Dimensions [mm]					Weight [kg]
	[A]	[kW]		A	B	C	D	E	
Single-phase regulators, 230VAC 50/60Hz									
AREX 10/ZC	10	2,3	0 - 230V AC	104	184	105	163	80	1,0
AREX 16/ZC	16	3,6	0 - 230V AC	105	200	105	190	80	1,2
Three-phase regulators, 3x400VAC 50/60Hz									
A3REX 13/ZC	13	9,0	0 - 400V AC	146	272	138	255	113	3,5