

LEKTROMIK® K3 KIMODUL® DLS Voltage controllers

for Single-phase capacitor motors up to 18 A,
Three-phase motors up to 6 A



Features

- ◆ Terminals and adjustment potentiometer well protected against accidental contact
- ◆ Limit values of minimum and maximum voltage separately adjustable

For speed control the load must have a quadratic torque/speed characteristic to ensure that the load is self stabilizing. The motor should have one of the following characteristics:

- ◆ Motor with external rotor as in widespread use for air-conditioning
- ◆ Motor for operation with voltage control

Applications

- ◆ Speed control of fans and pumps
- ◆ Torque controller for torque motors e.g. with winder drives
- ◆ Voltage controller for electrical heating equipment. Please refer to supplier

User benefits

- ◆ Compact housing for mounting on 35 mm DIN rails. Compact version with the width of a standard contactor.
- ◆ Can easily be retrofitted

TECHNICAL DATA

Designation	LEKTROMIK K3				KIMODUL DLS	
	0.2K3	0.7K3	1.5K3	3K3	2DLS	
Motor power 1/N AC 230 V	kW	0.08-0.18	0.25-0.75	0.37-1.5	0.55-3	
Motor power 3 AC 400 V	kW					1.1-2.2 **
Max. continuous current	A	1.5	5	10	18	6
Max. starting current	A	5	15	30	45	30
Max. Losses at max. continuous current	W	5	8	12	20	21
Cooling		Convection				Convection
Fuses *	A	-	16	20	30	20

Installation, Mounting:

Weight	g	300	350	400	650	700
Dimensions: - Height - Width - Depth	mm	75	75	75	75	75
	mm	45	45	60	85	85
	mm	120	120	120	120	120
Protection		IP20				IP20
Mounting space: - upper - lower - left, right	mm	50	50	50	50	50
	mm	50	50	50	50	50
	mm	10	10	10	10	10
Order no:		8023.202	8023.207	8023.211	8023.213	7118.312

* Not included! We recommend 16/20/30 A Siemens SILIZED 5SD4-420/430/480

** Lower power ratings on request

Types	Rated supply voltage	Rated power unit [kW]				
		0.18	0.75	1.5	2.2	3
LEKTROMIK K3	1/N AC 230 V	●	●	●		●
KIMODUL DLS	3 AC 400 V				●	

Optimum drive solutions from 0.25 up to 2000 kW and from 110 up to 690 V

