

step-switched welding transformers

- supply voltage 230 V and 400 V with two separate main cables
- LK 180/180 F: 7 voltage steps
LK 220: 8 voltage steps at 230 V
2 x 8 voltage steps at 400 V
- For stick electrode welding with AC-current, covered stick electrodes for AC-current can be used.
- weldable electrode diameters:
LK 180/180 F: 2 - 4 mm wire diameter
LK 220: 1,5 - 5 mm wire diameter
- LK 180 F and LK 220 aircooled with integrated fan
- carrying handles to wrap the cables around
- solid sheet steel case
- maintenance-free design

LK 180
LK 180 F
LK 220



MADE IN GERMANY

technical data	LK 180		LK 180 F		LK 220	
supply voltage, 50 Hz	230 V	400 V	230 V	400 V	230 V	400 V
fuse	16 A slow	16 A slow	16 A slow	16 A slow	16 A slow	16 A slow
max. power draw	6 kVA	10 kVA	6 kVA	10 kVA	6 kVA	10,5 kVA
setting range	60 - 130 A	90 - 180 A	60 - 130 A	90 - 180 A	50 - 135 A	60 - 220 A
operating voltage	22 - 25 V	24 - 27 V	22 - 25 V	24 - 27 V	22 - 25 V	22 - 29 V
open circuit voltage	46 V	60 V	46 V	60 V	46 V	60 V
voltage steps	7	7	7	7	8	2 x 8
duty cycle 25°C	10 %	-----	180 A	-----	-----	-----
	15 %	-----	150 A	-----	-----	-----
	20 %	130 A	130 A	-----	180 A	-----
	35 %	-----	-----	130 A	150 A	135 A
	50 %	-----	-----	-----	130 A	-----
	60 %	80 A	-----	80 A	-----	-----
	100 %	60 A	-----	60 A	-----	60 A
system of protection	IP 22		IP 22		IP 22	
insulation class	H (180°C)		H (180°C)		H (180°C)	
system of cooling	S		F		F	
weight	32 kg		33 kg		45 kg	
dimensions L x W x H (mm)	380 x 230 x 380		380 x 230 x 380		430 x 230 x 480	

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