


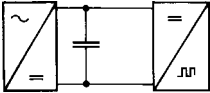
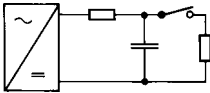

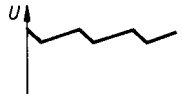
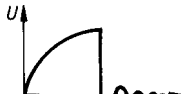
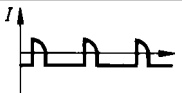





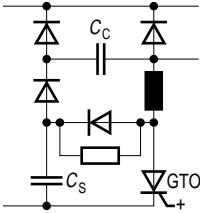
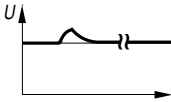
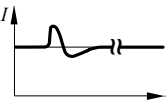


# Selector Guide

## DC capacitors

Application	Smoothing or filtering, supporting, discharge		
			
Type	B 25 353	B 25 355	
Page	<a href="#">63</a>	<a href="#">67</a>	
Version	MP	MP	
Rated capacitance $C_N$	95 ... 4800 $\mu\text{F}$	0,25 ... 880 $\mu\text{F}$	
Rated voltage $U_N$	450 ... 2800 V (co) 560 ... 3500 V (sto)	450 ... 6300 V (co) 560 ... 7900 V (sto)	
Max. current $I_{\text{max}}$	200 A	16 ... 100 A	
Temperature range	- 40 ... + 70 °C	- 40 ... + 70 °C	
Dissipation factor $\tan \delta_0$	$50 \cdot 10^{-4}$	$50 \cdot 10^{-4}$	
	Smoothing or filtering	Supporting	Discharge
Circuit	 KLK1289-N-1	 KLK1290-R-1	 KLK1291-Z-1
Voltage characteristic	 KLK1289-N-2	 KLK1290-R-2	 KLK1291-Z-2
Current characteristic	 KLK1289-N-3	 KLK1290-R-3	 KLK1291-Z-3

DC capacitors





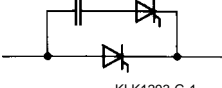
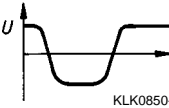
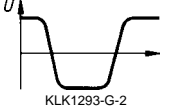
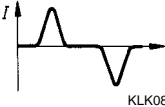
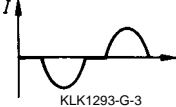
Application	GTO clamping		
			
Type	B 25 556	B 25 855	B 25 856
Page	<a href="#">94</a>	<a href="#">214</a>	<a href="#">262</a>
Version	MPK	MKV	MKV
Rated capacitance $C_N$	7,5 ... 12 $\mu\text{F}$	5 ... 40 $\mu\text{F}$	5 ... 20 $\mu\text{F}$
Rated voltage $U_N$	2300 V, 3400 V	1300 ... 4000 V	1700 V ... 3300 V
Max. current $I_{\text{max}}$	$\leq 80$ A	80 ... 120 A	80 A
Temperature range	- 25 ... + 85 °C	- 25 (- 40) ... + 85 °C	- 25 ... + 85 °C
Dissipation factor $\tan \delta_0$	$\leq 20 \cdot 10^{-4}$	$2 \cdot 10^{-4}$	$2 \cdot 10^{-4}$
Circuit			
Voltage characteristic			
Current characteristic			

# Selector Guide

## DC capacitors





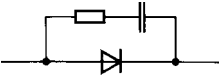
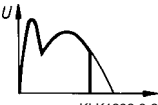

Application	DC link and series resonant circuits, discharge		
Type	B 25 650		
Page	98		
Version	MKK		
Rated capacitance $C_N$	80 ... 30 000 $\mu\text{F}$		
Rated voltage $U_N$	700 ... 6000 V		
Max. current $I_{\text{max}}$	$\leq 600 \text{ A}$		
Temperature range	$-40 \dots +70 \text{ }^\circ\text{C}$		
Dissipation factor $\tan \delta_0$	$2 \cdot 10^{-4}$		
	DC link circuits	Series resonant circuits	Discharge
Circuit	 KLK1290-R-1	 KLK1606-L	 KLK1291-Z-1
Voltage characteristic	 KLK1290-R-2	 KLK1626-F	 KLK1291-Z-2
Current characteristic	 KLK1290-R-3	 KLK1627-N	 KLK1291-Z-3

## AC capacitors




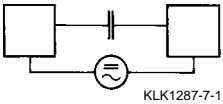
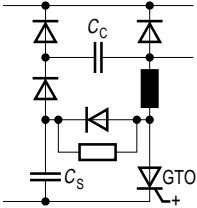
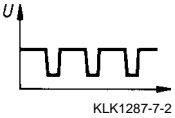

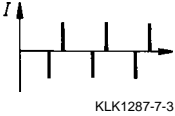
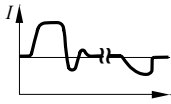
Application	General AC applications	Commutating and general AC applications	Commutating
			
Type	B 25 832	B 25 834	B 25 838
Page	<a href="#">110</a>	<a href="#">128</a>	<a href="#">186</a>
Version	MKV	MKV	MKV
Rated capacitance $C_N$	1,0 ... 50 $\mu\text{F}$	0,10 ... 220 $\mu\text{F}$	0,15 ... 50 $\mu\text{F}$
Rated voltage $U_N$	640, 930 V	500 ... 2100 V	600 ... 1100 V
Max. current $I_{\text{max}}$	10 ... 18 A	10 ... 80 A	20 ... 80 A
Temperature range	- 25 ... + 85 °C	- 25 ... + 85 °C	- 25 ... + 85 °C
Dissipation factor $\tan \delta_0$	$2 \cdot 10^{-4}$	$2 \cdot 10^{-4}$	$2 \cdot 10^{-4}$
	General AC applications	Commutating	
Circuit	 KLK0851-3	 KLK1293-G-1	
Voltage characteristic	 KLK0850-U	 KLK1293-G-2	
Current characteristic	 KLK0855-1	 KLK1293-G-3	

# Selector Guide

## AC capacitors


Application	Damping			
				
Type	B 25 834	B 25 835	B 25 838	B 25 839
Page	<a href="#">128</a>	<a href="#">168</a>	<a href="#">186</a>	<a href="#">206</a>
Version	MKV	MKV	MKV	MKV
Rated capacitance $C_N$	0,10 ... 220 $\mu\text{F}$	0,10 ... 4,7 $\mu\text{F}$	0,15 ... 50 $\mu\text{F}$	0,10 ... 1 $\mu\text{F}$
Rated voltage $U_N$	500 ... 2100 V	900 ... 3400 V	600 ... 1100 V	700 V
Max. current $I_{\text{max}}$	10 ... 80 A	10 ... 18 A	20 ... 80 A	6 ... 10 A
Temperature range	- 25 ... + 85 °C	- 25 ... + 85 °C	- 25 ... + 85 °C	- 25 ... + 85 °C
Dissipation factor $\tan \delta_0$	$2 \cdot 10^{-4}$	$2 \cdot 10^{-4}$	$2 \cdot 10^{-4}$	$2 \cdot 10^{-4}$
Circuit	 <p style="text-align: center;">KLK1292-8-1</p>			
Voltage characteristic	 <p style="text-align: center;">KLK1292-8-2</p>			
Current characteristic	 <p style="text-align: center;">KLK1292-8-3</p>			

AC capacitors

Application	Coupling	GTO snubbing	
			
Type	B 25 839	B 25 855	B 25 856
Page	<a href="#">206</a>	<a href="#">214</a>	<a href="#">262</a>
Version	MKV	MKV	MKV
Rated capacitance $C_N$	0,10 ... 1 $\mu\text{F}$	0,5 ... 10 $\mu\text{F}$	0,1 ... 10 $\mu\text{F}$
Rated voltage $U_N$	700 V	DC 1300 ... 4000 V AC 1100 ... 3400 V	DC 1700 ... 4000 V AC 1400 ... 3400 V
Max. current $I_{\text{max}}$	6 ... 10 A	40 ... 120 A	20 ... 80 A
Temperature range	- 25 ... + 85 °C	- 25 (- 40) ... + 85 °C	- 25 ... + 85 °C
Dissipation factor $\tan \delta_0$	$2 \cdot 10^{-4}$	$2 \cdot 10^{-4}$	$2 \cdot 10^{-4}$
Circuit			
Voltage characteristic			
Current characteristic			

# Selector Guide

## AC Capacitors

Application	Power factor correction and filtering	
		
Type	B 25 667; 3-phase	B 25 667; single-phase
Page	<a href="#">312</a>	<a href="#">312</a>
Version	MKK	
Output (50 Hz)	2,5 ... 25 kvar	2,5 ... 15 kvar
Rated current $I_N$	4,2 ... 36 A	10,9 ... 36,2 A
Rated voltage $U_N$	230 ... 690 V	230 ... 525 V
Temperature range	- 25 ... + 55 °C	
Losses (dielectric)	< 0,25 W/kvar	
Circuit	