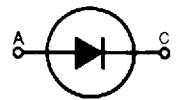




Rectifier Diodes



$I_{FAV} = 160 \text{ A}$, Standard Diodes (DS..), Avalanche Diodes (DSA..)

Type	V_{RRM}	I_{FAV} $T_C=100^\circ\text{C}$	P_{RSM}	I_{FRSM}	I_{FSM} 45°C 10 ms	V_{T0}	r_F	T_{JM}	R_{thJC}	R_{thCK}	Package style	
	V	A	kW	A	A	V	mΩ	°C	K/W	K/W		
DSA 110-18 F*	1800	160	35	250	3150	0.85	1.1	180	0.35	0.1	See outlines on page 31 Fig. 14 DO-205 AC (~DO-30) Weight = 130 g 	
● DSA 80-18 F	1800	110	28	175	2100		1.6		0.5			
DSA 110-16 F	1600	160	35	250	3150	0.85	1.1	180	0.35	0.1		
● DS 110-16 F	1600	160	-	250	3150		1.1		0.35			
● DSA 80-16 F	1600	110	28	175	2100		1.6		0.5			
● DS 80-16 F	1600	110	-	175	2100		1.6		0.5			
● DSA 110-14 F	1400	160	35	250	3150		1.1		0.35			
● DS 110-14 F	1400	160	-	250	3150		1.1		0.35			
● DSA 80-14 F	1400	110	28	175	2100		1.6		0.5			
● DS 80-14 F	1400	110	-	175	2100		1.6		0.5			
DSA 110-12 F	1200	160	35	250	3150	0.85	1.1	180	0.35	0.1		
● DSA 80-12 F	1200	110	28	175	2100		1.6		0.5			
DS 110-12 F	1200	160	-	250	3150	0.85	1.1	180	0.35	0.1		
● DS 80-12 F	1200	110	-	175	2100		1.6		0.5			
DS 110-08 F	800	160	-	250	3150	0.85	1.1	180	0.35	0.1		
● DS 80-08 F	800	110	-	175	2100		1.6		0.5			
● DS 110-04 F	400	160	-	250	3150		1.1		0.35			
● DS 80-04 F	400	110	-	175	2100		1.6		0.5			
DSAI110-18 F*	1800	160	35	250	3150	0.85	1.1	180	0.35	0.1		See outlines on page 31 Fig. 14 DO-205 AC (~DO-30) Weight = 130 g 
● DSAI80-18 F	1800	110	28	175	2100		1.6		0.5			
DSAI110-16 F	1600	160	35	250	3150	0.85	1.1	180	0.35	0.1		
● DSI 110-16 F	1600	160	-	250	3150		1.1		0.35			
● DSAI80-16 F	1600	110	28	175	2100		1.6		0.5			
● DSI 80-16 F	1600	110	-	175	2100		1.6		0.5			
● DSAI110-14 F	1400	160	35	250	3150		1.1		0.35			
● DSI 110-14 F	1400	160	-	250	3150		1.1		0.35			
● DSAI80-14 F	1400	110	28	175	2100		1.6		0.5			
● DSI 80-14 F	1400	110	-	175	2100		1.6		0.5			
DSAI110-12 F	1200	160	35	250	3150	0.85	1.1	180	0.35	0.1		
● DSAI80-12 F	1200	110	28	175	2100		1.6		0.5			
DSI 110-12 F	1200	160	-	250	3150	0.85	1.1	180	0.35	0.1		
● DSI 80-12 F	1200	110	-	175	2100		1.6		0.5			
DSI 110-08 F	800	160	-	250	3150	0.85	1.1	180	0.35	0.1		
● DSI 80-08 F	800	110	-	175	2100		1.6		0.5			
● DSI 110-04 F	400	160	-	250	3150		1.1		0.35			
● DSI 80-04 F	400	110	-	175	2100		1.6		0.5			

* Delivery time on request - Data according to DIN / IEC 747-2

● Part numbers have been replaced by the next higher prime product in this category.

A = Anode, C = Cathode