

TYPE	I_{FAVM}	V_{RRM}	I_{FSM} $t_p=10ms$	V_F @ 25°C & I_F max.	I_R @ V_{RRM} & 25°C max.	V_{FO} max.	r_F ($\times 10^{-3}$ ohms)	CASE STYLE
	(A)	(V)	(A)	(V)	(A)	(V)		
120 Arms	$T_{JM}=150^\circ C$		$R_{thJ-C} \leq 0.48^\circ C/W$		$i^2t=12.8kA^2s$		$T_{tight}=20Nm$	
D80N 2 (R)	80	200	1600	1.43	350	20		B-27d
D80N 4 (R)		400						
D80N 6 (R)		600						
D80N 8 (R)		800						
D80N 10 (R)		1000						
D80N 12 (R)		1200						
D80N 14 (R)		1400						
D80N 16 (R)		1600						
D80N 18 (R)		1800						
(R) Reverse Pol.								
160 Arms	$T_{JM}=150^\circ C$		$R_{thJ-C} \leq 0.42^\circ C/W$		$i^2t=20kA^2s$			
D100N 2 (R)	100	200	2000	1.33	350	20		
D100N 4 (R)		400						
D100N 6 (R)		600						
D100N 8 (R)		800						
D100N 10 (R)		1000						
D100N 12 (R)		1200						
D100N 14 (R)		1400						
D100N 16 (R)		1600						
D100N 18 (R)		1800						
(R) Reverse Pol.								
180 Arms	$T_{JM}=150^\circ C$		$R_{thJ-C} \leq 0.36^\circ C/W$		$i^2t=26.45kA^2s$		$T_{tight}=20Nm$	
D120N 2 (R)	120	200	2.3	1.22	350	20		B-27d
D120N 4 (R)		400						
D120N 6 (R)		600						
D120N 8 (R)		800						
D120N 10 (R)		1000						
D120N 12 (R)		1200						
D120N 14 (R)		1400						
D120N 16 (R)		1600						
D120N 18 (R)		1800						
(R) Reverse Pol.								
550 Arms	$T_{JM}=150^\circ C$		$R_{thJ-C} \leq 0.11^\circ C/W$		$i^2t=151kA^2s$		$T_{tight}=45Nm$	
D325N 200	325	200	5.5	1.60	1100	20	0.78	0.82
D325N 400		400						
D325N 600		600						
D325N 800		800						
D325N 1000		1000						
D325N 1200		1200						
D325N 1400		1400						
D325N 1600		1600						
D325N 1800		1800						
D325N 2000		2000						
** D325R 200 ... 2000 are similar to D325N 200 ... 2000 but with reverse polarity.								
550 Arms	$T_{JM}=150^\circ C$		$R_{thJ-C} \leq 0.11^\circ C/W$		$i^2t=186kA^2s$			
D355N 200	355	200	6.1	1.50	1100	20	0.72	0.72
D355N 400		400						
D355N 600		600						
D355N 800		800						
D355N 1000		1000						
D355N 1200		1200						
D355N 1400		1400						
D355N 1600		1600						
D355N 1800		1800						
D355N 2000		2000						
** D355R 200 ... 2000 are similar to D355N 200 ... 2000 but with reverse polarity.								

