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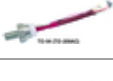

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THYRISTORS - PHASE CONTROL DISCRETE




Phase controls discrete thyristors from Vishay are available in more than a dozen package types with voltage ratings from 4 V to 2600 V.















Part Number	Product Image	$I_T(AV)$ (A)	$I_T(RMS)$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-10RIA Series		10	25	100	225	240	1.75 at 32	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-10RIA Series		10	25	1000	225	240	1.75 at 32	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-10RIA Series		10	25	200	225	240	1.75 at 32	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-10RIA Series		10	25	400	225	240	1.75 at 32	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-10RIA Series		10	25	600	225	240	1.75 at 32	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-10RIA Series		10	25	1200	225	240	1.75 at 32	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-10RIA Series		10	25	800	225	240	1.75 at 32	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-10TTS08-M3		6.5	10	800	110		1.15 at 6.5	-40 to 125	150	TO-220AB 3L	Single SCR
VS-10TTS08S-M3 Series		6.5	10	800	110		1.15 at 6.5	-40 to +125	150	D2PAK (TO-263AB)	Single SCR
VS-110RKI...PbF, VS-111RKI...PbF Series		110	172	800	2080	2180	1.57 at 350	-40 to +140	500	TO-94 (TO-209AC)	Single SCR
VS-110RKI...PbF, VS-111RKI...PbF Series		110	172	1200	2080	2180	1.57 at 350	-40 to +140	500	TO-94 (TO-209AC)	Single SCR















Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-110RKI...PbF, VS-111RKI...PbF Series		110	172	400	2080	2180	1.57 at 350	-40 to +140	500	TO-94 (TO-209AC)	Single SCR
VS-12TTS08-M3		8	12.5	800	110		1.2 at 8	-40 to 125	150	TO-220AB 3L	Single SCR
VS-12TTS08HM3		8	12.5	800	110		1.2 at 8	-40 to +125	150	TO-220AB	Single SCR
VS-12TTS08S-M3 Series											
VS-12TTS08SLHM3		8	12.5	800	110		1.2 at 8	-40 to +125	150	D2PAK (TO-263AB)	Single SCR
VS-16RIA Series		16	35	400	340	360	1.75 at 50	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-16RIA Series		16	35	600	340	360	1.75 at 50	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-16RIA Series		16	35	1200	340	360	1.75 at 50	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-16RIA Series		16	35	800	340	360	1.75 at 50	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-16RIA Series		16	35	100	340	360	1.75 at 50	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-16RIA Series		16	35	1000	340	360	1.75 at 50	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-16RIA Series		16	35	200	340	360	1.75 at 50	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-16TTS08-M3, VS-16TTS12-M3		10	16	1200	200		1.4 at 10	-40 to 125	500	TO-220AB 3L	Single SCR













Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-16TTS08-M3, VS-16TTS12-M3		10	16	800	200		1.4 at 10	-40 to 125	500	TO-220AB 3L	Single SCR
VS-16TTS08FP-M3, VS-16TTS12FP-M3		10	16	800	200		1.4 at 10	-40 to +125	500	3L TO-220 FullPAK	Single SCR
VS-16TTS08FP-M3, VS-16TTS12FP-M3		10	16	1200	200		1.4 at 10	-40 to +125	500	3L TO-220 FullPAK	Single SCR
VS-16TTS08S-M3, VS-16TTS12S-M3 Series		10	16	1200	200		1.4 at 10	-40 to 125	500	D2PAK (TO-263AB)	Single SCR
VS-16TTS08S-M3, VS-16TTS12S-M3 Series		10	16	800	200		1.4 at 10	-40 to 125	500	D2PAK (TO-263AB)	Single SCR
VS-16TTS16S-M3 Series		10	16	1600	200		1.4 at 10	-40 to +125	500	D2PAK (TO-263AB)	Single SCR
VS-180RKI...PbF, VS-181RKI...PbF Series		180	285	400	3800	4000	1.35 at 570	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-180RKI...PbF, VS-181RKI...PbF Series		180	285	800	3800	4000	1.35 at 570	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-180RKI...PbF, VS-181RKI...PbF Series		180	285	1000	3800	4000	1.35 at 570	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-22RIA Series		22	35	100	400	420	1.70 at 70	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-22RIA Series		22	35	1000	400	420	1.70 at 70	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-22RIA Series		22	35	200	400	420	1.70 at 70	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-22RIA Series		22	35	400	400	420	1.70 at 70	-65 to +125	100	TO-48 (TO-208AA)	Single SCR



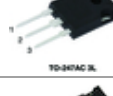









Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-22RIA Series		22	35	600	400	420	1.70 at 70	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-22RIA Series		22	35	1200	400	420	1.70 at 70	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-22RIA Series		22	35	800	400	420	1.70 at 70	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-25RIA Series		25	40	200	420	440	1.70 at 79	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-25RIA Series		25	40	1000	420	440	1.70 at 79	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-25RIA Series		25	40	100	420	440	1.70 at 79	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-25RIA Series		25	40	800	420	440	1.70 at 79	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-25RIA Series		25	40	600	420	440	1.70 at 79	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-25RIA Series		25	40	400	420	440	1.70 at 79	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-25RIA Series		25	40	1200	420	440	1.70 at 79	-65 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-25TTS08-M3, VS-25TTS12-M3		16	25	1200	320		1.25 at 16	-40 to 125	500	TO-220AB 3L	Single SCR
VS-25TTS08-M3, VS-25TTS12-M3		16	25	800	320		1.25 at 16	-40 to 125	500	TO-220AB 3L	Single SCR
VS-25TTS08FP-M3, VS-25TTS12FP-M3		16	25	1200	350		1.25 at 16	-40 to +125	500	3L TO-220 FullPAK	Single SCR
VS-25TTS08FP-M3, VS-25TTS12FP-M3		16	25	800	350		1.25 at 16	-40 to +125	500	3L TO-220 FullPAK	Single SCR










Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-25TTS08S-M3, VS-25TTS12S-M3 Series		16	25	1200	350		1.25 at 16	-40 to +125	500	D2PAK (TO-263AB)	Single SCR
VS-25TTS08S-M3, VS-25TTS12S-M3 Series		16	25	800	350		1.25 at 16	-40 to +125	500	D2PAK (TO-263AB)	Single SCR
VS-25TTS12HM3		16	25	1200	320			-40 to +125	500	TO-220AB	Single SCR
VS-25TTS12S2L-M3		16	25	1200	350		1.25 at 16	-40 to +125	500	D2PAK 2L (TO-263AB 2L)	Single SCR
VS-25TTS12S2LHM3		16	25	1200	350		1.25 at 16	-40 to +125	500	D2PAK 2L (TO-263AB 2L)	Single SCR
VS-25TTS12SLHM3		16	25	1200	350		1.25 at 16	-40 to +125	500	D2PAK (TO-263AB)	Single SCR
VS-25TTS16S-M3 Series		16	25	1600	350		1.25 at 16	-40 to +125	500	D2PAK (TO-263AB)	Single SCR
VS-25TTS16S2L-M3		16	25	1600	350		1.25 at 16	-40 to +125	500	D2PAK 2L (TO-263AB 2L)	Single SCR
VS-25TTS16S2LHM3		16	25	1600	350		1.25 at 16	-40 to +125	500	D2PAK 2L (TO-263AB 2L)	Single SCR
VS-25TTS16SLHM3		16	25	1600	350		1.25 at 16	-40 to +125	500	D2PAK (TO-263AB)	Single SCR

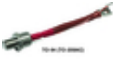
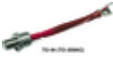




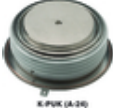




Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-2N681, VS-2N5205 Series		16	25	600	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		22	35	700	285	300	2.3 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	200	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	200	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		22	35	700	285	300	2 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	600	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	25	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	500	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		22	35	600	285	300	2.3 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	250	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	150	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		22	35	600	285	300	2 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		22	35	1200	285	300	2.3 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	700	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR

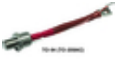
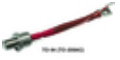
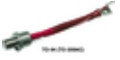










Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-2N681, VS-2N5205 Series		16	25	50	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	400	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		22	35	1200	285	300	2 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	300	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	100	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	800	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		22	35	1000	285	300	2.3 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	800	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	100	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	300	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		22	35	1000	285	300	2 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	400	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	50	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	700	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR










Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-2N681, VS-2N5205 Series		22	35	800	285	300	2.3 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	150	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	250	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		22	35	800	285	300	2 at 22	-40 to +125	100	TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	500	145	150	2 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-2N681, VS-2N5205 Series		16	25	25	145	150	2.3 at 16	-40 to +125		TO-48 (TO-208AA)	Single SCR
VS-30TPS..-M3 Series		20	30	1200	300		1.3 at 20	-40 to +125	500	TO-247AC 3L	Single SCR
VS-30TPS..-M3 Series		20	30	800	300		1.3 at 20	-40 to +125	500	TO-247AC 3L	Single SCR
VS-30TPS12L-M3		20	30	1200	300		1.3 at 20	-40 to +125	500	TO-247AD 3L	Single SCR
VS-30TPS12LHM3		20	30	1200	300		1.3 at 20	-40 to +125	500	TO-247AD 3L	Single SCR
VS-30TPS16-M3		20	30	1600	300		1.3 at 20	-40 to +125	500	TO-247AC 3L	Single SCR
VS-30TPS16L-M3		20	30	1600	300		1.3 at 20	-40 to +125	500	TO-247AD 3L	Single SCR












Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-30TPS16LHM3		20	30	1600	300		1.3 at 20	-40 to +125	500	TO-247AD 3L	Single SCR
VS-40TPS...-M3 Series		35	55	1200	600		1.85 at 110	-40 to +125	1000	TO-247AC 3L	Single SCR
VS-40TPS...-M3 Series		35	55	800	600		1.85 at 110	-40 to +125	1000	TO-247AC 3L	Single SCR
VS-40TPS12ALHM3		35	55	1200	600		1.85 at 110	-40 to +125	500	TO-247AD 3L	Single SCR
VS-40TPS12L-M3, VS-40TPS12AL-M3		35	55	1200	600		1.85 at 110	-40 to +125	1000	TO-247AD 3L	Single SCR
VS-40TPS12LHM3		35	55	1200	600		1.85 at 110	-40 to +150	1000	TO-247AD 3L	Single SCR
VS-40TPS16-M3		35	55	1600	500		1.85 at 110	-40 to +125	1000	TO-247AC 3L	Single SCR
VS-40TPS16L-M3		35	55	1600	500		1.92 at 110	-40 to +125	1000	TO-247AD 3L	Single SCR
VS-40TPS16LHM3		35	55	1600	500		1.92 at 110	-40 to +125	1000	TO-247AD 3L	Single SCR
VS-40TTS12-M3		25	40	1200	350		1.6 at 80	-40 to 140	500	TO-220AB 3L	Single SCR
VS-40TTS12HM3		25	40	1200	350		1.6 at 80	-40 to +140	500	TO-220AB	Single SCR
VS-50RIA Series		50	80	400	1430	1490	1.60 at 157	-40 to +125	200	TO-65 (TO-208AC)	Single SCR









Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-50RIA Series		50	80	200	1430	1490	1.60 at 157	-40 to +125	200	TO-65 (TO-208AC)	Single SCR
VS-50RIA Series		50	80	1200	1430	1490	1.60 at 157	-40 to +125	200	TO-65 (TO-208AC)	Single SCR
VS-50RIA Series		50	80	1000	1430	1490	1.60 at 157	-40 to +125	200	TO-65 (TO-208AC)	Single SCR
VS-50RIA Series		50	80	800	1430	1490	1.60 at 157	-40 to +125	200	TO-65 (TO-208AC)	Single SCR
VS-50RIA Series		50	80	600	1430	1490	1.60 at 157	-40 to +125	200	TO-65 (TO-208AC)	Single SCR
VS-50RIA Series		50	80	100	1430	1490	1.60 at 157	-40 to +125	200	TO-65 (TO-208AC)	Single SCR
VS-50TPS12AL-M3		50	79	1200	630			-40 to +150	500	TO-247AD 3L	Single SCR
VS-50TPS12L-M3		50	79	1200	630			-40 to +150	1000	TO-247AD 3L	Single SCR
VS-50TPS12LHM3		50	79	1200	630			150		TO-247AD 3L	Single SCR
VS-70TPS12PbF, VS-70TPS16PbF High Voltage Series		70	75	1600	1100		1.4 at 100	-40 to +125	500	Super TO-247	Single SCR
VS-70TPS12PbF, VS-70TPS16PbF High Voltage Series		70	75	1200	1100		1.4 at 100	-40 to +125	500	Super TO-247	Single SCR
VS-80RIA...PbF, VS-81RIA...PbF, VS-82RIA...PbF Se		80	125	1200	1900	1990	1.60 at 250	-40 to +125	500	TO-94 (TO-209AC)	Single SCR




Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-80RIA...PbF, VS-81RIA...PbF, VS-82RIA...PbF Se		80	125	400	1900	1990	1.60 at 250	-40 to +125	500	TO-94 (TO-209AC)	Single SCR
VS-80RIA...PbF, VS-81RIA...PbF, VS-82RIA...PbF Se		80	125	800	1900	1990	1.60 at 250	-40 to +125	500	TO-94 (TO-209AC)	Single SCR
VS-80TPS16L-M3		80	126	1600	1000			-40 to +150		TO-247AD 3L	Single SCR
VS-ST1000C..K Series		1473	2913	1400	20	21.2	1.80 at 3000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1000C..K Series		1473	2913	1600	20	21.2	1.80 at 3000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1000C..K Series		1473	2913	1800	20	21.2	1.80 at 3000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1000C..K Series		1473	2913	2400	20	21.2	1.80 at 3000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1000C..K Series		1473	2913	2000	20	21.2	1.80 at 3000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1000C..K Series		1473	2913	1200	20	21.2	1.80 at 3000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1000C..K Series		1473	2913	2200	20	21.2	1.80 at 3000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST110SPbF Series		110	175	1200	2700	2830	1.52 at 350	-40 to +125	500	TO-94 (TO-209AC)	Single SCR












Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST110SPbF Series		110	175	1600	2700	2830	1.52 at 350	-40 to +125	500	TO-94 (TO-209AC)	Single SCR
VS-ST110SPbF Series		110	175	400	2700	2830	1.52 at 350	-40 to +125	500	TO-94 (TO-209AC)	Single SCR
VS-ST110SPbF Series		110	175	800	2700	2830	1.52 at 350	-40 to +125	500	TO-94 (TO-209AC)	Single SCR
VS-ST1200C..K Series		1650	3080	1400	30500	32000	1.73 at 4000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1200C..K Series		1650	3080	1600	30500	32000	1.73 at 4000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1200C..K Series		1650	3080	1800	30500	32000	1.73 at 4000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1200C..K Series		1650	3080	2000	30500	32000	1.73 at 4000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1200C..K Series		1650	3080	1200	30500	32000	1.73 at 4000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1230C..K Series		1745	3200	1400	33500	35100	1.62 at 4000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1230C..K Series		1745	3200	1600	33500	35100	1.62 at 4000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1230C..K Series		1745	3200	800	33500	35100	1.62 at 4000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1230C..K Series		1745	3200	1200	33500	35100	1.62 at 4000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST1280C..K Series		2310	4150	400	42500	44500	1.44 at 8000	-40 to +125	500	K-PUK (A-24)	Single SCR


Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST1280C..K Series		2310	4150	600	42500	44500	1.44 at 8000	-40 to +125	500	K-PUK (A-24)	Single SCR
VS-ST180C Series		350	660	1200	5000	5230	1.96 at 750	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST180C Series		350	660	1600	5000	5230	1.96 at 750	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST180C Series		350	660	2000	5000	5230	1.96 at 750	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST180C Series		350	660	1800	5000	5230	1.96 at 750	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST180C Series		350	660	400	5000	5230	1.96 at 750	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST180C Series		350	660	800	5000	5230	1.96 at 750	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST180S...VPbF Series		200	314	400	5000	5230	1.75 at 570	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST180S...VPbF Series		200	314	800	5000	5230	1.75 at 570	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST180S...VPbF Series		200	314	1200	5000	5230	1.75 at 570	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST180SPbF Series		200	314	1600	5000	5230	1.75 at 570	-40 to +125	500	TO-93 (TO-209AB)	Single SCR

Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST180SPbF Series		200	314	2000	5000	5230	1.75 at 570	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST230C Series		410	780	1200	5700	5970	1.69 at 880	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST230C Series		410	780	1400	5700	5970	1.69 at 880	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST230C Series		410	780	2000	5700	5970	1.69 at 880	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST230C Series		410	780	1600	5700	5970	1.69 at 880	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST230C Series		410	780	400	5700	5970	1.69 at 880	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST230C Series		410	780	1800	5700	5970	1.69 at 880	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST230C Series		410	780	800	5700	5970	1.69 at 880	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST230S...VPbF Series		230	360	1200	5700	5970	1.55 at 720	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST230S...VPbF Series		230	360	800	5700	5970	1.55 at 720	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST230S...VPbF Series		230	360	400	5700	5970	1.55 at 720	-40 to +125	500	TO-93 (TO-209AB)	Single SCR


Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST230SPbF Series		230	360	1400	5700	5970	1.55 at 720	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST230SPbF Series		230	360	1600	5700	5970	1.55 at 720	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST280C Series		500	960	400	7850	8220	1.36 at 1050	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST280C Series		500	960	600	7850	8220	1.36 at 1050	-40 to +125	500	A-PUK (TO-200AB)	Single SCR
VS-ST280CH Series				600			1.35 at 1000	-40 to +150	500	A-PUK (TO-200AB)	Single SCR
VS-ST280CH Series				400			1.35 at 1000	-40 to +150	500	A-PUK (TO-200AB)	Single SCR
VS-ST280S Series		280	440	400	7850	8220	1.28 at 880	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST280S Series		280	440	600	7850	8220	1.28 at 880	-40 to +125	500	TO-93 (TO-209AB)	Single SCR
VS-ST300C Series		650	1290	1600	8000	8380	2.18 at 1635	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST300C Series		650	1290	2000	8000	8380	2.18 at 1635	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST300C Series		650	1290	1800	8000	8380	2.18 at 1635	-40 to +125	500	E-PUK (TO-200AB)	Single SCR


Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST300C Series		650	1290	400	8000	8380	2.18 at 1635	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST300C Series		650	1290	800	8000	8380	2.18 at 1635	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST300C Series		650	1290	1200	8000	8380	2.18 at 1635	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST300CL Series		560	1115	2000	8000	8380	2.18 at 1635	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST300CL Series		560	1115	1800	8000	8380	2.18 at 1635	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST300CL Series		560	1115	400	8000	8380	2.18 at 1635	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST300CL Series		560	1115	800	8000	8380	2.18 at 1635	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST300CL Series		560	1115	1200	8000	8380	2.18 at 1635	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST300CL Series		560	1115	1600	8000	8380	2.18 at 1635	-40 to +125	500	B-PUK (TO-200AC)	Single SCR

Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST300SPbF Series		300	470	800	8000	8380	1.66 at 940	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST300SPbF Series		300	470	1200	8000	8380	1.66 at 940	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST300SPbF Series		300	470	1600	8000	8380	1.66 at 940	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST300SPbF Series		300	470	2000	8000	8380	1.66 at 940	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST300SPbF Series		300	470	1800	8000	8380	1.66 at 940	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST300SPbF Series		300	470	400	8000	8380	1.66 at 940	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST330C Series	 E-PUK (TO-200AB)	720	1420	800	9000	9420	1.96 at 1810	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST330C Series	 E-PUK (TO-200AB)	720	1420	1200	9000	9420	1.96 at 1810	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST330C Series	 E-PUK (TO-200AB)	720	1420	1400	9000	9420	1.96 at 1810	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST330C Series	 E-PUK (TO-200AB)	720	1420	1200	9000	9420	1.96 at 1810	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST330C Series	 E-PUK (TO-200AB)	720	1420	1400	9000	9420	1.96 at 1810	-40 to +125	500	E-PUK (TO-200AB)	Single SCR

Part Number	Product Image	$I_T(AV)$ (A)	$I_T(RMS)$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST330CL Series		650	1230	400	9000	9420	1.90 at 1730	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST330CL Series		650	1230	800	9000	9420	1.90 at 1730	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST330CL Series		650	1230	1200	9000	9420	1.90 at 1730	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST330CL Series		650	1230	1400	9000	9420	1.90 at 1730	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST330CL Series		650	1230	1600	9000	9420	1.90 at 1730	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST330SPbF Series		330	520	800	9000	9420	1.52 at 1000	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST330SPbF Series		330	520	1200	9000	9420	1.52 at 1000	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST330SPbF Series		330	520	1400	9000	9420	1.52 at 1000	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST330SPbF Series		330	520	2000	9000	9420	1.52 at 1000	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST330SPbF Series		330	520	1600	9000	9420	1.52 at 1000	-40 to +125	500	TO-118 (TO-209AE)	Single SCR
VS-ST330SPbF Series		330	520	400	9000	9420	1.52 at 1000	-40 to +125	500	TO-118 (TO-209AE)	Single SCR






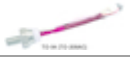






Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST380C Series		960	1900	400	15000	15700	1.60 at 3000	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST380C Series		960	1900	600	15000	15700	1.60 at 3000	-40 to +125	500	E-PUK (TO-200AB)	Single SCR
VS-ST380CH Series		960	2220	400	12500	13000	1.58 at 2900	-40 to +150	500	E-PUK (TO-200AB)	Single SCR
VS-ST380CH Series		960	2220	600	12500	13000	1.58 at 2900	-40 to +150	500	E-PUK (TO-200AB)	Single SCR
VS-ST650C..L Series		790	1557	2400	10100	10700	2.07 at 1700	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST650C..L Series		790	1557	2000	10100	10700	2.07 at 1700	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST650C..L Series		790	1557	2200	10100	10700	2.07 at 1700	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST700CL Series		910	1857	1600	15700	16400	1.80 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST700CL Series		910	1857	1800	15700	16400	1.80 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR



Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST700CL Series		910	1857	2000	15700	16400	1.80 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST700CL Series		910	1857	1200	15700	16400	1.80 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST730CL Series		990	2000	1200	17800	18700	1.62 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST730CL Series		990	2000	1400	17800	18700	1.62 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST730CL Series		990	2000	1600	17800	18700	1.62 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST730CL Series		990	2000	2000	17800	18700	1.62 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST730CL Series		990	2000	1800	17800	18700	1.62 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST730CL Series		990	2000	800	17800	18700	1.62 at 2000	-40 to +125	500	B-PUK (TO-200AC)	Single SCR
VS-ST780CL Series		1350	2700	600	24400	25600	1.31 at 3600	-40 to +125	500	B-PUK (TO-200AC)	Single SCR





Part Number	Product Image	$I_{T(AV)}$ (A)	$I_{T(RMS)}$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/μs)	Package	Circuit Configuration
VS-ST780CL Series		1350	2700	400	24400	25600	1.31 at 3600	-40 to +125	500	B-PUK (TO-200AC)	Single SCR




THYRISTORS - FAST DISCRETE

Fast discrete thyristors from Vishay are available in several package types, with voltage ratings from 400 V to 1200 V and time quotient (tq) values from 10 μ s to 30 μ s.

Part Number	Product Image	$I_T(AV)$ (A)	$I_T(RMS)$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/ μ s)	t_q Max. (μ s)	Package	Circuit Configuration
VS-ST083SP Series		85	135	1000	2450	2560	2.15 to 300	-40 to +125	500	20	TO-94 (TO-209AC)	Single SCR
VS-ST083SP Series		85	135	1200	2450	2560	2.15 to 300	-40 to +125	500	20	TO-94 (TO-209AC)	Single SCR
VS-ST083SP Series		85	135	400	2450	2560	2.15 to 300	-40 to +125	500	20	TO-94 (TO-209AC)	Single SCR
VS-ST083SP Series		85	135	800	2450	2560	2.15 to 300	-40 to +125	500	20	TO-94 (TO-209AC)	Single SCR
VS-ST103SP Series		105	165	800	3000	3150	1.73 to 300	-40 to +125	500	25	TO-94 (TO-209AC)	Single SCR
VS-ST103SP Series		105	165	400	3000	3150	1.73 to 300	-40 to +125	500	25	TO-94 (TO-209AC)	Single SCR
VS-ST173C Series		330	610	1000	4680	4900	2.07 to 600	-40 to +125	500	30	A-PUK (TO-200AB)	Single SCR
VS-ST173C Series		330	610	1200	4680	4900	2.07 to 600	-40 to +125	500	30	A-PUK (TO-200AB)	Single SCR
VS-ST173S Series		175	275	1200	4680	4900	2.07 to 600	-40 to +125	500	25	TO-93 (TO-209AB)	Single SCR
VS-ST173S Series		175	275	1000	4680	4900	2.07 to 600	-40 to +125	500	25	TO-93 (TO-209AB)	Single SCR
VS-ST183C Series		370	690	800	4900	5130	1.80 to 600	-40 to +125	500	20	A-PUK (TO-200AB)	Single SCR
VS-ST183C Series		370	690	400	4900	5130	1.80 to 600	-40 to +125	500	20	A-PUK (TO-200AB)	Single SCR

Part Number	Product Image	$I_T(AV)$ (A)	$I_T(RMS)$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/ μ s)	t_q Max. (μ s)	Package	Circuit Configuration
VS-ST183SP Series		195	306	800	4900	5130	1.80 to 600	-40 to +125	500	20	TO-93 (TO-209AB)	Single SCR
VS-ST183SP Series		195	306	400	4900	5130	1.80 to 600	-40 to +125	500	20	TO-93 (TO-209AB)	Single SCR
VS-ST203C Series		370	700	1200	5260	5510	1.72 to 600	-40 to +125	500	30	A-PUK (TO-200AB)	Single SCR
VS-ST203C Series		370	700	1000	5260	5510	1.72 to 600	-40 to +125	500	30	A-PUK (TO-200AB)	Single SCR
VS-ST223C..C Series		390	745	800	5260	5510	1.58 to 600	-40 to +125	500	30	A-PUK (TO-200AB)	Single SCR
VS-ST223C..C Series		390	745	400	5260	5510	1.58 to 600	-40 to +125	500	30	A-PUK (TO-200AB)	Single SCR
VS-ST303C Series		620	1180	800	7950	8320	2.16 to 1255	-40 to +125	500	30	E-PUK (TO-200AB)	Single SCR
VS-ST303C Series		620	1180	400	7950	8320	2.16 to 1255	-40 to +125	500	30	E-PUK (TO-200AB)	Single SCR
VS-ST303C Series		620	1180	1200	7950	8320	2.16 to 1255	-40 to +125	500	30	E-PUK (TO-200AB)	Single SCR
VS-ST303C Series		620	1180	1000	7950	8320	2.16 to 1255	-40 to +125	500	30	E-PUK (TO-200AB)	Single SCR

Part Number	Product Image	$I_T(AV)$ (A)	$I_T(RMS)$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/ μ s)	t_q Max. (μ s)	Package	Circuit Configuration
VS-ST303CL Series		515	995	1200	7950	8320	2.16 to 1255	-40 to +125	500	30	B-PUK (TO-200AC)	Single SCR
VS-ST303CL Series		515	995	1000	7950	8320	2.16 to 1255	-40 to +125	500	30	B-PUK (TO-200AC)	Single SCR
VS-ST303CL Series		515	995	800	7950	8320	2.16 to 1255	-40 to +125	500	30	B-PUK (TO-200AC)	Single SCR
VS-ST303CL Series		515	995	400	7950	8320	2.16 to 1255	-40 to +125	500	30	B-PUK (TO-200AC)	Single SCR
VS-ST303SP Series		300	471	1200	3000	3150	2.16 to 1255	-40 to +125	500	20	TO-118 (TO-209AE)	Single SCR
VS-ST303SP Series		300	471	800	3000	3150	2.16 to 1255	-40 to +125	500	20	TO-118 (TO-209AE)	Single SCR
VS-ST303SP Series		300	471	400	3000	3150	2.16 to 1255	-40 to +125	500	20	TO-118 (TO-209AE)	Single SCR
VS-ST333C..C Series		720	1435	400	11000	11500	1.96 to 1810	-40 to +125	500	30	E-PUK (TO-200AB)	Single SCR
VS-ST333C..C Series		720	1435	800	11000	11500	1.96 to 1810	-40 to +125	500	30	E-PUK (TO-200AB)	Single SCR
VS-ST333C..L Series		620	1230	400	11000	11500	1.96 to 1810	-40 to +125	500	30	B-PUK (TO-200AC)	Single SCR
VS-ST333C..L Series		620	1230	800	11000	11500	1.96 to 1810	-40 to +125	500	30	B-PUK (TO-200AC)	Single SCR
VS-ST333SP Series		330	518	400	11000	11520	1.96 to 1810	-40 to +125	500	15	TO-118 (TO-209AE)	Single SCR

Part Number	Product Image	$I_T(AV)$ (A)	$I_T(RMS)$ (A)	V_{DRM}/V_{RRM} (V)	I_{TSM} at 50 Hz (A)	I_{TSM} at 60 Hz (A)	V_{TM} at I_{TM} (V at A)	T_J (°C)	dV/dt (V/ μ s)	t_q Max. (μ s)	Package	Circuit Configuration
VS-ST333SP Series		330	518	800	11000	11520	1.96 to 1810	-40 to +125	500	15	TO-118 (TO-209AE)	Single SCR
VS-ST733CL Series		940	1900	400	20000	20950	1.63 to 1700	-40 to +125	500	20	B-PUK (TO-200AC)	Single SCR
VS-ST733CL Series		940	1900	800	20000	20950	1.63 to 1700	-40 to +125	500	20	B-PUK (TO-200AC)	Single SCR

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