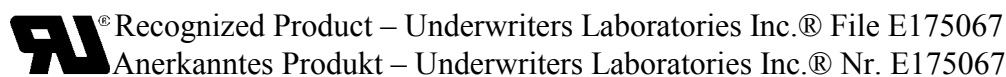
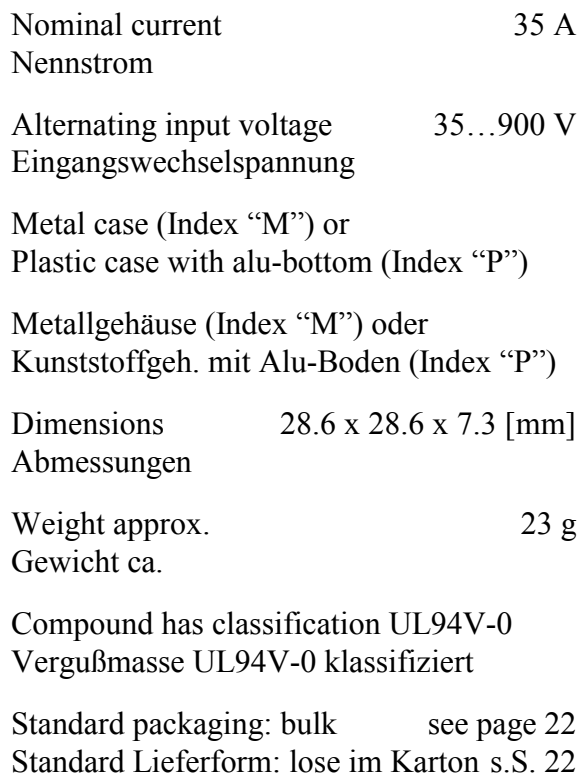


Silizium-Brückengleichrichter



Repetitive peak forward current	f > 15 Hz	I _{FRM}	80 A ²⁾
Periodischer Spitzenstrom			

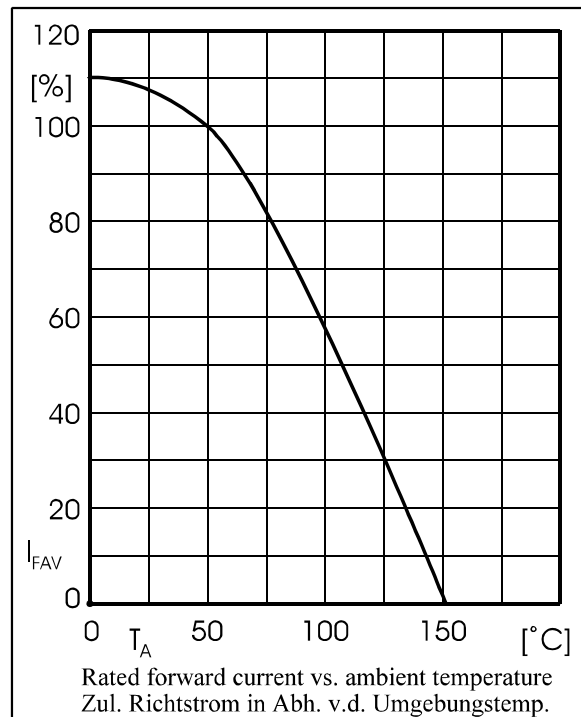
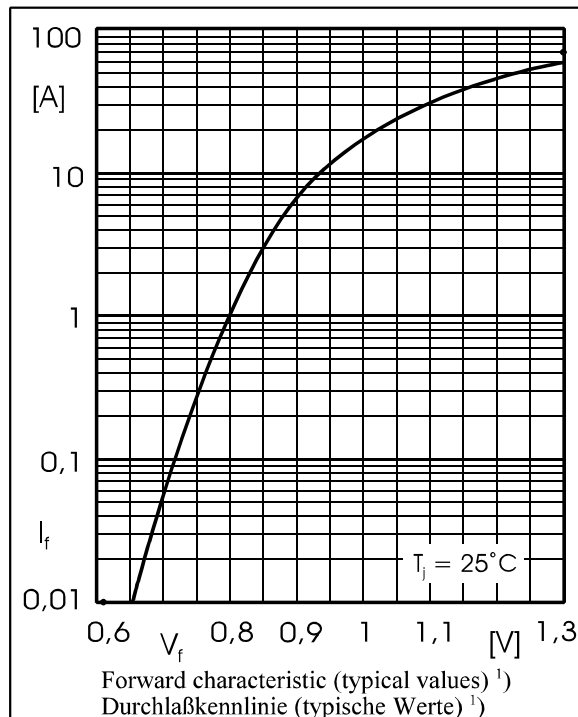
²⁾ Valid, if the temperature of the case is kept to 120°C – Gültig, wenn die Gehäusetemp. auf 120°C gehalten wird

Peak forward surge current, 60 Hz half sine-wave Stoßstrom für eine 60 Hz Sinus-Halbwelle	$T_A = 25^\circ\text{C}$	I_{FSM}	400 A
Rating for fusing – Grenzlasterintegral, $t < 10\text{ ms}$	$T_A = 25^\circ\text{C}$	i^2t	660 A ² s
Operating junction temperature – Sperrschichttemperatur		T_j	– 50...+150°C
Storage temperature – Lagerungstemperatur		T_s	– 50...+150°C

Characteristics

Kennwerte

Max. current with cooling fin 300 cm ² Dauergrenzstrom mit Kühlblech 300 cm ²	$T_A = 50^\circ\text{C}$	R-load C-load	I_{FAV} I_{FAV}	35.0 A 28.0 A
Forward voltage – Durchlaßspannung	$T_j = 25^\circ\text{C}$	$I_F = 17.5\text{ A}$	V_F	< 1.1 V ¹⁾
Leakage current – Sperrstrom	$T_j = 25^\circ\text{C}$	$V_R = V_{\text{RRM}}$	I_R	< 25 µA
Isolation voltage terminals to case Isolationsspannung Anschlüsse zum Gehäuse			V_{ISO}	> 2500 V
Thermal resistance junction to case Wärmewiderstand Sperrschicht – Gehäuse			R_{thC}	< 1.5 K/W
Admissible torque for mounting Zulässiges Anzugsdrehmoment		10-32 UNF M 5		18 ± 10% lb.in 2 ± 10% Nm



¹⁾ Valid for one branch – Gültig für einen Brückenweig