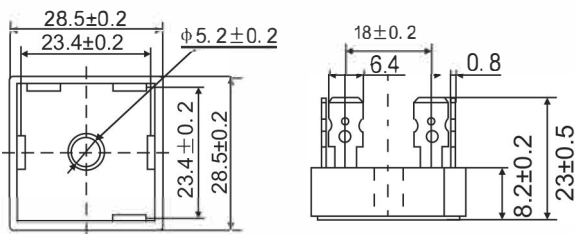


Product Picture:

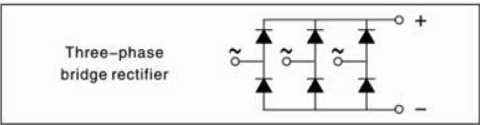


TYPE: SKBPC3516 W



Dimensions / in mm

Nominal current	35 A
Alternating input voltage	1000-1600 V
Dimensions	28 x 28 x 8.2 [mm]
Weight approx.	18 g



Maximum ratings

Type	Alternating input volt. V_{VRMS} [V]	Rep. peak reverse voltage V_{RRM} [V]	Surge peak reverse voltage V_{RSM} [V]
SKBPC3510	600	1000	1200

	$f > 15 \text{ Hz}$	I_{FRM}	84 A
Repetitive peak forward current	$T_A = 25^\circ \text{C}$	I_{FSM}	233 A
Peak forward surge current, 50 Hz half sine-wave	$T_A = 25^\circ \text{C}$	$i^2 t$	272 A ² s
Rating for fusing, $t < 10 \text{ ms}$		T_j	-40...+150°C
Operating junction temperature		T_s	-40...+150°C
Storage temperature			

Characteristics

Max. current with cooling fin 300 cm ²	T _A =50°C	R-load	I _{FAV}	35.0 A
Forward voltage	T _j =25°C	I _F =11.5A	V _F	< 1.2 V
Leakage current	T _j =25°C	V _R =V _{RRM}	I _R	< 10 μ A
Isolation voltage terminals to case			V _{ISO}	>2500 V
Thermal resistance junction to case			R _{thC}	< 2.0 K/W
Admissible torque for mounting		M 5		2 ± 10 % Nm

