

SKBPC75 High Current Three-Phase Bridge Rectifiers

Product Introduction

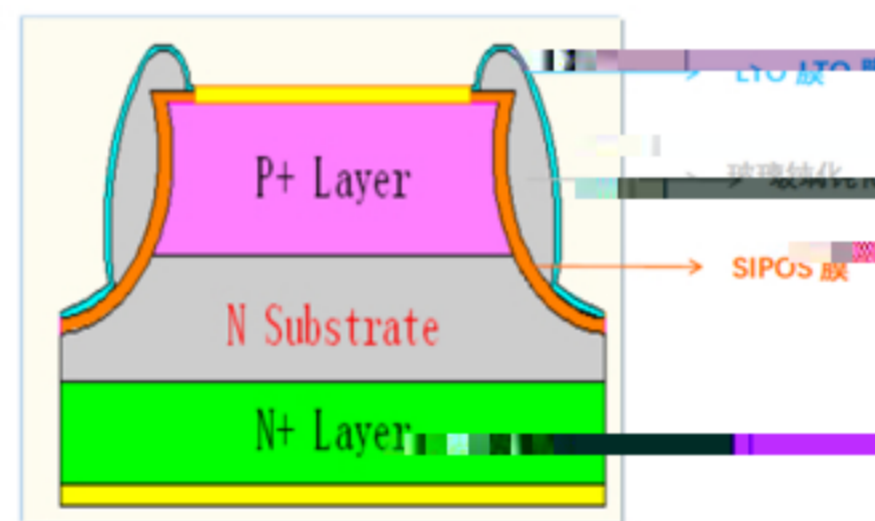
SKBPC75 series of high-current three-phase square rectifier bridge products have the advantages of high output voltage and small ripple, high power factor and fast dynamic response, which is an excellent choice for household appliances, industrial power supplies, industrial automation equipment, welding machines and other applications.

Product Features

1、SKBPC75 high-current three-phase rectifier bridge package is large, external 5 pins, built-in 6 chips, current contains 75A, voltage coverage 600V-1600V, with forward voltage reduction, small reverse leakage current, positive surge ability and good heat dissipation performance;



2、Yangjie adopts the deep IDM model and has its own wafer design and manufacturing facility. We have internally packaged Photo Glass process chips, with three layers of passivation protection, and stable high temperature characteristics and reliability capabilities.



Electrical parameters

Product Name	V_{RRM} (V)	I_T (A)	I_{TSM} (A)	V_{FM} (V)	$V_{FM(1)}$ (V)	$V_{FM(2)}$ (V)	$V_{FM(3)}$ (V)	T_{jmax} (°C)
SKBPC7506-SKBPC7512	600-1200	75	800	37.5	1.1	5	500	-55~+150
SKBPC7514-SKBPC7516	1400-1600	75	800	37.5	1.7	5	500	-55~+150

Please Refer To The Official Website For More Details

Application



Inverter