

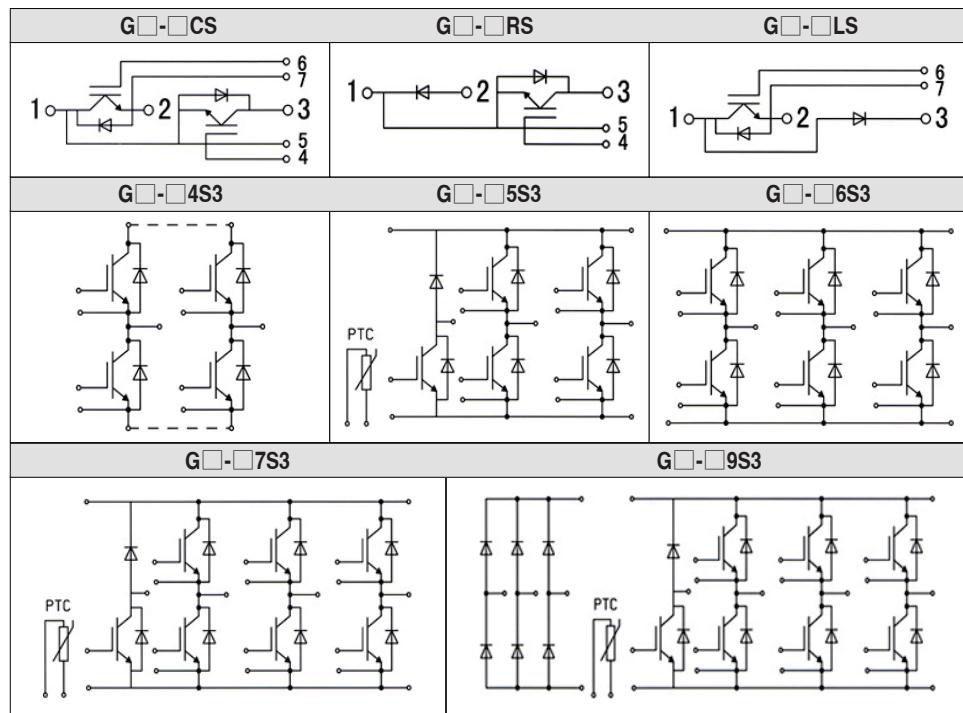
Characteristics

- SPT chip (soft-punch-through)
- MOS input control
- Ultrathin IGBT chip, great current low loss, low tail current
- Low VCE (sat) saturated voltage, positive temperature coefficient at high temperature
- High switch frequency, low switch loss
- High SC resistive ability
- Module creepage long distance design
- DBC insulated voltage above 2500VRMS

Typical Applications

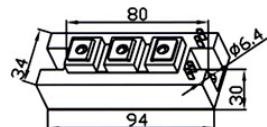
- AC and DC electric motor control
- Frequency transformer
- UPS
- Industry calefaction power supply
- Electric welding machine

Internal structure

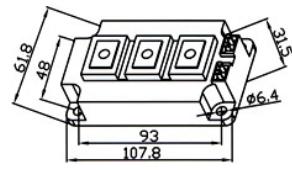


Major parameters

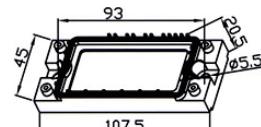
Parameters	Collector current Ic (A)					Vces(v) Collector-Emitter Voltage
Model	50,75,100,145	150,200,300,400	10,15,25,40	25,50	50,75	600,1200,1700
G□-□CS	G□-□CS	G□-□4S3	G□-□4S3	G□-□4S3		
G□-□RS	G□-□RS	G□-□5S3	G□-□5S3	G□-□5S3		
G□-□LS	G□-□LS	G□-□6S3	G□-□6S3	G□-□6S3		
		G□-□7S3	G□-□7S3	G□-□7S3		
		G□-□9S3				
Exterior	Figure 1	Figure 2	Figure 3			



(1)



(2)



(3)

