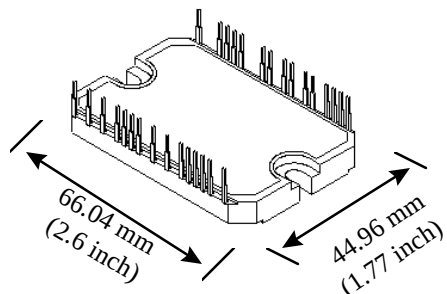


POWIRTRAIN Navigator

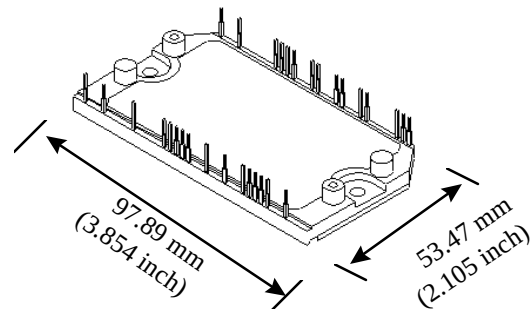


Package	1	2	1	2	2
Line voltage	180-240	180-240	180-240	180-240	380-480
Input phases	1	1	3	3	3
Brake	No	Yes	No	Yes	Yes
Circuit Diagram	1	2	3	4	4
Recommended Power range					
0.5-0.75HP/ 0.375-0.55kW	IRPT1066A* 8A,600V				
0.75 - 1HP/ 0.55-0.75kW	IRPT1058A 12A,600V		IRPT1057A 12A,600V		
1-1.5HP/ 0.75-1.1kW	IRPT1059A 19A,600V	IRPT1065A 15A,600V	IRPT1060A 19A,600V	IRPT1061A 15A,600V	
1.5-2HP/ 1.1-1.5kW		IRPT2064A 22A,600V		IRPT2059A 22A,600V	IRPT2061A 15A,1200V
3HP/2.2kW		IRPT2060A 30A,600V		IRPT2056A 30A,600V	IRPT2062A 22A,1200V
5HP/3.7kW					IRPT3054A* 29A,1200V

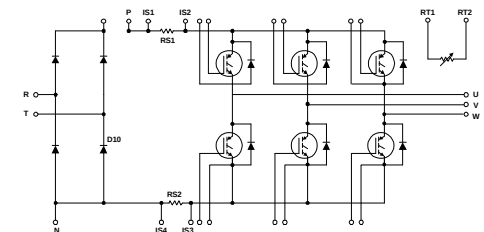
Package 1 (mm)



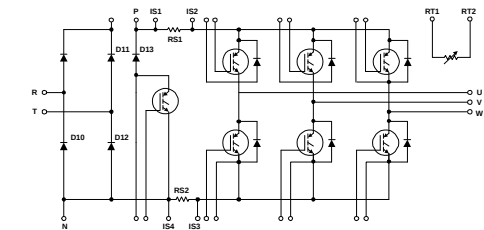
Package 2 (STD)



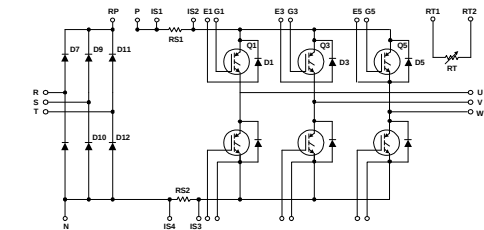
Circuit 1



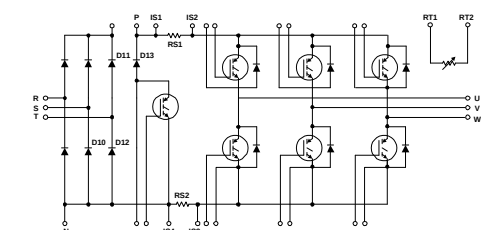
Circuit 2



Circuit 3



Circuit 4



Values shown under part numbers indicate I_c @ $T_c=25\text{deg C}$ for inverter IGBT and IGBT V_{ces} . Package pin current 30A (abs. max.).

*Engineering samples available now, product release Q3 CY98