

## Miniature Power & Signal Transfer Units SPB16

Specification	
Operating Speed	300 rpm*
Number of Circuits	6,12,18,24
Voltage	240V AC
Current Rating	2 amps/per circuit (5A optional)
Temperature Range	-40°C to +80°C
Contact Material	Gold to Gold
Lead Size	AWG 30 silver plated copper UL®, Teflon®
Lead Lengths	250mm minimum
Dielectric Strength	500V AC @ 50Hz, between each circuit and all others
Insulation Resistance	1000 megaohms @ 500V DC
Noise	70 milliohms max. tested @ 6V DC 50 milliamps when running @ 5 rpm

\*The operational life of the unit is dependent upon rotational speed, environment and temperature

Lead Wire Colour Codes							
Ring#	Colour Code	Ring#	Colour Code	Ring#	Colour Code	Ring#	Colour Code
#1	BLK	#7	BLK-BLU	#13	BLK	#19	BLU
#2	BRN	#8	PURPLE	#14	BRN	#20	PUP
#3	RED	#9	GRY	#15	RED	#21	GRY
#4	ORN	#10	WHT	#16	ORN	#22	WHT
#5	YEL	#11	PINK	#17	YEL	#23	PINK
#6	GRN	#12	WHT-BLU	#18	GRN	#24	WHT-BLU

SIZE TABLE										
No OF WAYS	PART No	A	B	C	D	Ø "E"	Ø "F"	Ø "G"	Ø "H" PCD	Ø "I" HOLE
6	GA4176-06	18.20	1.20	0	1.70	12.60	5.00	24.00	18.00	3.20
12	GA4176-12	25.50	1.00	5.00	1.50	12.50	5.00	24.00	18.00	3.20
18	GA4176-18	23.20	2.20	0	2.60	12.80	5.00	22.30	17.50	3.20
24	GA4176-24	39.70	2.20	0	6.00	15.50	7.00	32.00	25.00	2.80

