



Power & Signal Transfer Units SPB10

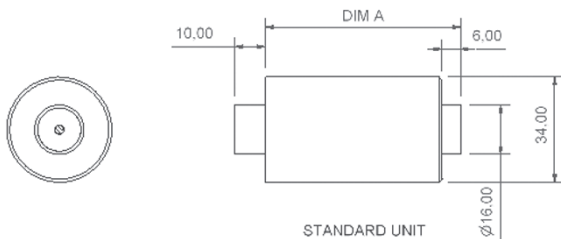
These miniature package units have been developed to provide an economical and compact solution for power and signal transfer between static and rotational components. This modular system can provide power transfer up to 10Amps per unit at 250V AC/DC. A wide variety of analogue and digital signals can also be transmitted up to 2 Amps per channel and 250V AC/DC. The system is designed for modular construction which enables a wide variety of combinations for most applications.

MAIN FEATURES INCLUDE

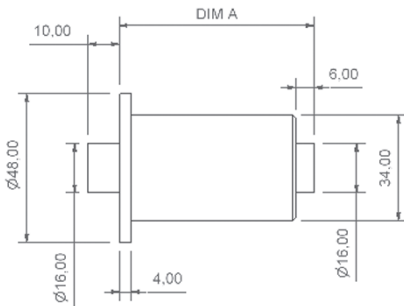
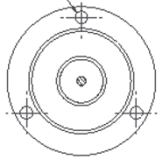
- > Mercury free contacts
- > Compact design
- > Gold or silver plated rings for most analogue and digital signals
- > Operating speeds up to 1000 rpm
- > Temperatures from -30 to +100° C (high temperatures can be catered for)
- > I.P. 65 sealing
- > A wide variety of power and signal combinations up to 10 channels
- > Custom designs for special applications
- > Flying leads or blade terminals (up to 6 ways only)
- > Long life - Rhodium plated options
- > Special purpose harnesses and looms
- > Mounting clamps and clips

ELECTRICAL PERFORMANCE

- > Data transfer up to 12MBaud @ 1000RPM
- > Voltage rating 250V AC/DC
- > Current rating per unit, power – 10A, signal – 2A
- > Inter-channel capacitance - <16pF (a-b), <20pF (a/b-screen)
- > Circuit Resistance 15-50 mΩ



3 HOLES Ø4MM
ON A 42MM PCD



UNIT.CODE	TYPE	LENGTH	UNIT.CODE	TYPE	LENGTH
GA3836-01	0P 1S	35 mm	GA3836-23	2P 6S	91 mm
GA3836-02	0P 2S	42 mm	GA3836-24	3P 0S	59.5 mm
GA3836-03	0P 3S	49 mm	GA3836-25	3P 1S	66.5 mm
GA3836-04	0P 4S	56 mm	GA3836-26	3P 2S	73.5 mm
GA3836-05	0P 5S	63 mm	GA3836-27	3P 3S	80.5 mm
GA3836-06	0P 6S	70 mm	GA3836-28	3P 4S	87.5 mm
GA3836-07	0P 7S	77 mm	GA3836-29	3P 5S	94.5 mm
GA3836-08	0P 8S	84 mm	GA3836-30	4P 0S	70 mm
GA3836-09	1P 0S	38.5 mm	GA3836-31	4P 1S	77 mm
GA3836-10	1P 1S	45.5 mm	GA3836-32	4P 2S	84 mm
GA3836-11	1P 2S	52.5 mm	GA3836-33	4P 3S	91 mm
GA3836-12	1P 3S	59.5 mm	GA3836-34	4P 4S	98 mm
GA3836-13	1P 4S	66.5 mm	GA3836-35	5P 0S	80.5 mm
GA3836-14	1P 5S	73.5 mm	GA3836-36	5P 1S	87.5 mm
GA3836-15	1P 6S	80.5 mm	GA3836-37	5P 2S	94.5 mm
GA3836-16	1P 7S	87.5 mm	GA3836-38	5P 3S	101.5 mm
GA3836-17	2P 0S	49 mm	GA3836-39	6P 0S	91 mm
GA3836-18	2P 1S	56 mm	GA3836-40	6P 1S	98 mm
GA3836-19	2P 2S	63 mm	GA3836-41	6P 2S	105 mm
GA3836-20	2P 3S	70 mm	GA3836-42	7P 0S	101.5 mm
GA3836-21	2P 4S	77 mm	GA3836-43	7P 1S	108.5 mm
GA3836-22	2P 5S	84 mm	GA3836-44	8P 0S	112 mm