

H250396 Series

H250396 series standard precise slip ring , integrated structure design, with through hole 250mm , OD396mm , suitable for rotating application which requires a through hole <=250mm (remark: if need a hole <250mm, can add a inner bushing)



Part No. description

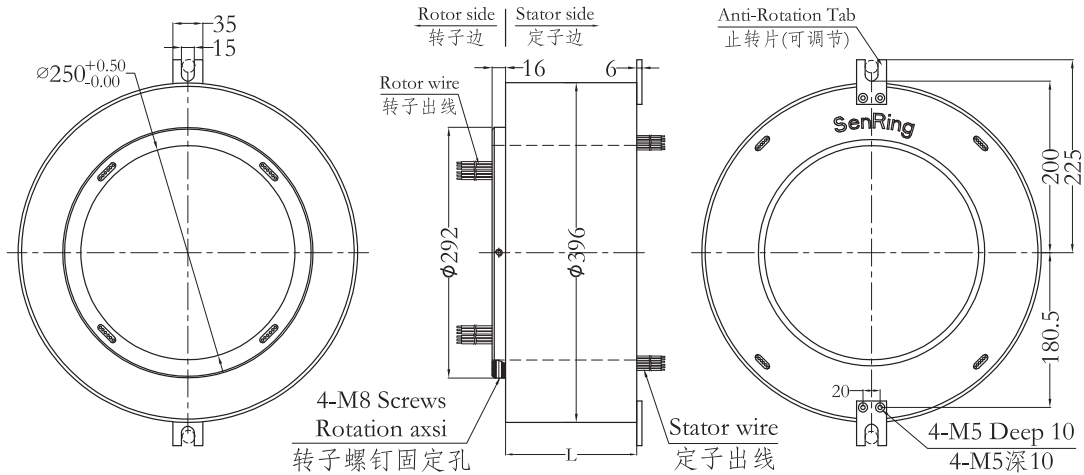
H250396 - Power circuits no. - Signal circuits no. - Eproduct grade

H:through hole slip ring
250396:ID 250mm, OD 396mm

Example:
0610:6 circuits,10A per circuit
1220:2circuits,10A per circuit

Example:
C: standard level
D:Industrial level
H:High quality level

Example:
06S:6circuits signal (0~2A)
12S:12circuits signal (0~2A)



Standard Model List

H250396 series model list							
Part no.	Circuit		Length L(mm)	Part no.	Circuit		Length L(mm)
	10A	Signal or 5A			10A	Signal or 5A	
H250396-02S	0	2	87	H250396-36S	0	36	291
H250396-0210	2	0	87	H250396-0610-30S	6	30	291
H250396-03S	0	3	93	H250396-1210-S24	12	24	291
H250396-0310	3	0	93	H250396-3610	36	0	291
H250396-06S	0	6	111	H250396-42S	0	42	327
H250396-0210-04S	2	4	111	H250396-0610-36S	6	36	327
H250396-0410-02S	4	2	111	H250396-1210-30S	12	30	327
H250396-0610	6	0	111	H250396-4210	42	0	327
H250396-12S	0	12	147	H250396-48S	0	48	363
H250396-0210-10S	2	10	147	H250396-0610-42S	6	42	363
H250396-0310-09S	3	9	147	H250396-1210-36S	12	36	363
H250396-0610-06S	6	6	147	H250396-1810-30S	18	30	363
H250396-0810-04S	8	4	147	H250396-2410-24S	24	24	363
H250396-1010-02S	10	2	147	H250396-4810	48	0	363
H250396-1210	12	0	147	H250396-60S	0	60	435
H250396-18S	0	18	183	H250396-0610-54S	6	54	435
H250396-0210-16S	2	16	183	H250396-0910-51S	9	51	435
H250396-0410-14S	4	14	183	H250396-1210-48S	12	48	435
H250396-0610-12S	6	12	183	H250396-2410-36S	24	36	435
H250396-0810-10S	8	10	183	H250396-72S	0	72	507

Part no.	10A	Signal or 5A	Length L(mm)	Part no.	10A	Signal or 5A	Length L(mm)
H250396-1010-08S	10	8	183	H250396-1210-60S	12	60	507
H250396-1210-06S	12	6	183	H250396-2410-48S	24	48	507
H250396-1410-04S	14	4	183	H250396-3610-36S	36	36	507
H250396-1610-02S	16	2	183	H250396-84S	0	84	579
H250396-24S	0	24	219	H250396-1210-72S	12	72	579
H250396-0410-20S	4	20	219	H250396-2410-60S	24	60	579
H250396-0610-18S	6	18	219	H250396-3610-48S	36	48	579
H250396-1210-12S	12	12	219	H250396-96S	0	96	651
H250396-1810-06S	18	6	219	H250396-1210-84S	12	84	651
H250396-2410	24	0	219	H250396-2410-72S	24	72	651
H250396-30S	0	30	255	H250396-3610-60S	36	60	651
H250396-0610-24S	6	24	255	H250396-4210-54S	42	54	651
H250396-1210-18S	12	18	255	H250396-108S	0	108	723
H250396-1810-12S	18	12	255	H250396-1210-96S	12	96	723
H250396-2410-06S	24	6	255	H250396-2410-84S	24	84	723
H250396-3010	30	0	255	H250396-3610-72S	36	72	723

*Remark: Circuits can be combined in parallel for bigger current, N circuits of 10A to get N*10A, such as 2 circuits of 10A in parallel for 20A use. 10A circuits No. and signal circuits (5A) No. can be customized based on standard products, pls inquiry Senring for details.

Technical Specification

Mechanical		Electrical		
Spec	Data	Spec	Data	
Working life	pls refer to product grade table		Power	Signal
Rotating speed	pls refer to product grade table	Rated voltage	0~690VAC/VDC	0~440VAC/VDC
Working temp.	-30°C~80°C	Insulation resistance	≥1000mΩ/500VDC	≥1000mΩ/500VDC
Work humidity	0~85% RH	Lead wire spec	AWG17# Silver-plated teflon	AWG22# Silver-plated teflon
Contact material	pls refer to produce grade table	Lead wire length	standard 300mm(can be customized)	
Housing material	AL alloy	Dielectric Strength	800VAC@50Hz,60s	
Torque	0.1N.m (+0.03N.m/6circuits)	Electrical noise	<0.01Ω	
IP grade	IP51			

Product Grade Table

Grade code	Max rotating speed	Working life	Contact material
C:standard	150RPM	20millisons revolutions	precious metal
D:industrial	600RPM	60millisons revolutions	precious metal
H:high quality	1200RPM	150millisons revolutions	gold alloy

Color code of Lead Wire

ring#	1	2	3	4	5	6	7	8	9	10	11	12
color	BLK	BRN	RED	ORG	YEL	GRN	BLU	PUR	GRY	WHT	PINK	LGT BLU
ring#	13	14	15	16	17	18	19	20	21	22	23	24
color	WHT/BLK	WHT/BRN	WHT/RED	WHT/ORG	WHT/YEL	WHT/GRN	WHT/BLU	WHT/PUR	WHT/GRY	BLK/RED	BLK/BRN	Transparent

Remark: "1" : the first wire from rotor side , H2056-06S wire color sequence: BLK/BRN/RED/ORG/WHT/GRN , 24 color wires as one group , if more than 24wires, repeat as sequence , use number tube to tell group 1#, 2#....