

H2586 Series

H2586 series standard precise slip ring, integrated structure design, with through hole 25.4mm, OD86mm, suitable for rotating application which requires a through hole $\leq 25.4\text{mm}$ (remark: if need a hole $< 25.4\text{mm}$, can add a inner bushing)

Part No. description

H2586 - Power circuits no. - signal circuits no. - Product grade

H:through hole slip ring
2586:ID 25.4mm, OD 86mm

Example:

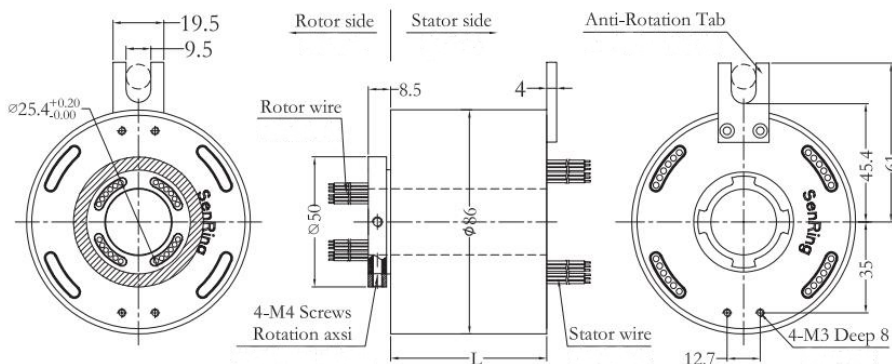
610:6 circuits, 10A per circuit
1220:2circuits, 10A per circuit

Example:

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

Example:

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



Standard Model List

H2586 series model list							
Part no.	Circuits		Length L(mm)	Part no.	Circuits		Length L(mm)
	10A	Signal or 0~5			10A	Signal or 0~5A	
H2586-02S	0	2	32	H2586-1210-12	12	12	120
H2586-0210	2	0	32	H2586-1810-6	18	6	120
H2586-03S	0	3	36	H2586-2410	24		120
H2586-0310	3	0	36	H2586-30S		30	144
H2586-06S	0	6	48	H2586-0610-24	6	24	144
H2586-0210-04S	2	4	48	H2586-1210-18	12	18	144
H2586-0410-02S	4	2	48	H2586-1810-12	18	12	144
H2586-0610	6	0	48	H2586-2410-6	24	6	144
H2586-12S	0	12	72	H2586-3010	30		144
H2586-0210-10S	2	1	72	H2586-36S		36	168
H2586-0310-09S	3	9	72	H2586-0610-30	6	30	168
H2586-0610-06S	6	6	72	H2586-1210-24	12	24	168
H2586-0810-04S	8	4	72	H2586-3610	36		168
H2586-1010-02S	10	2	72	H2586-42S		42	192
H2586-1210	12	0	72	H2586-0610-36	6	36	192
H2586-18S	0	18	96	H2586-1210-30	12	30	192
H2586-0210-16S	2	16	96	H2586-48S		48	216
H2586-0410-14S	4	14	96	H2586-0610-42	6	42	216
H2586-0610-12S	6	12	96	H2586-1010-38	10	38	216
H2586-0810-10S	8	1	96	H2586-1210-36	12	36	216
H2586-1010-08S	10	8	96	H2586-1810-30	18	30	216
H2586-1210-06S	12	6	96	H2586-2410-24	24	24	216
H2586-1410-04S	14	4	96	H2586-60S		60	264
H2586-1610-02S	16	2	96	H2586-0610-54	6	54	264
H2586-24S	0	24	12	H2586-1010-50	10	50	264
H2586-0410-20S	4	2	12	H2586-1210-48	12	48	264
H2586-0610-18S	6	18	12	H2586-72S		72	312

Remark:Circuits can be combined in parallel for bigger current, N circuits of 10A or 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 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 product 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	400RPM	20millions revolutions	precious metal
D:industrial	800RPM	60millions revolutions	precious metal
H:high quality	1200RPM	150millions 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 , H2586-06S 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#...