

# FH2586 series Dustproof&waterproof Slip Ring



IP grade: IP65,IP68 optional,hole size 25.4mm,OD:86mm

FH2586 series Dustproof&waterproof Slip Ring Lead Electric Appliance,hole size 25.4mm,OD:86mm,IP grade up to IP68,specially designed for underwater working environment when 360° rotating

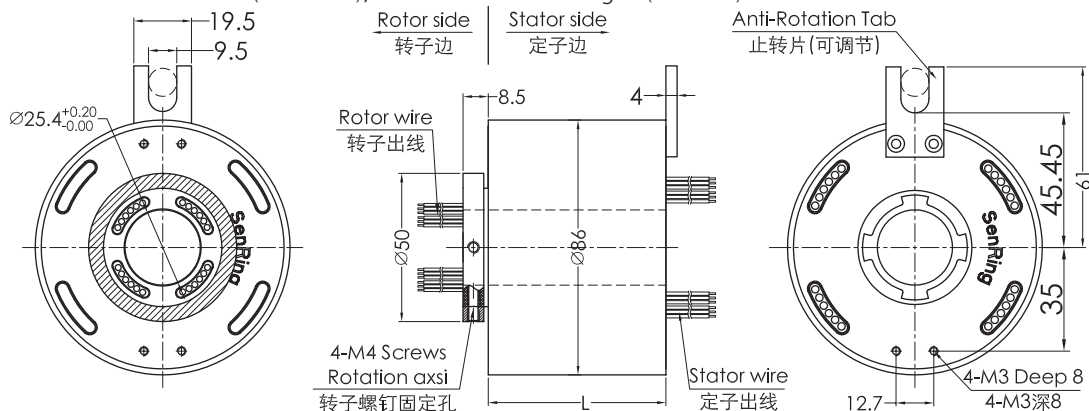
## Part No. Description

FH2586 - power circuits - signal circuits - Product grade	
FH2586 series waterproof slip ring ID 25.4mm,OD 86mm  Examples: 0610:6 circuits@10A 1210:12 circuits@10A	C:standard D:industrial  Examples: 06S:6 circuits signal@2A(5A options) 12S:12 circuits signal@2A(5A options)

## Examples

FH2586-06S: FH2586 series Dustproof & waterproof slip ring(hole size 25.4mm, ,OD:86mm),06S means 6 circuits signal(2A each);

FH2586-0210-06S: FH2586 series Dustproof & waterproof slip ring(hole size 25.4mm, OD:86mm),0210 means 2 circuits current(10A each),06S means 6 circuits signal(2A each).



## Technical Specification of the slip ring

Model	Circuit/Signal no.		Length L(mm)
	signal/5A	10A	
FH2586-02S	2	0	56
FH2586-0210	0	2	56
FH2586-03S	3	0	60
FH2586-0310	0	3	60
FH2586-06S	6	0	72
FH2586-0210-04S	4	2	72
FH2586-0410-02S	2	4	72
FH2586-0610	0	6	72
FH2586-12S	12	0	96
FH2586-0210-10S	10	2	96
FH2586-0310-09S	9	3	96
FH2586-0610-06S	6	6	96
FH2586-0810-04S	4	8	96
FH2586-1010-02S	2	10	96
FH2586-1210	0	12	96
FH2586-18S	18	0	120
FH2586-0210-16S	16	2	120
FH2586-0410-14S	14	4	120
FH2586-0610-12S	12	6	120
FH2586-0810-10S	10	8	120
FH2586-1010-08S	8	10	120
FH2586-1210-06S	6	12	120
FH2586-1410-04S	4	14	120

Model	Circuit/Signal no.		Length L(mm)
	signal/5A	10A	
FH2586-1610-02S	2	16	120
FH2586-24S	24	0	144
FH2586-0410-20S	20	4	144
FH2586-0610-18S	18	6	144
FH2586-1210-12S	12	12	144
FH2586-1810-06S	6	18	144
FH2586-2410	0	24	144
FH2586-30S	30	0	168
FH2586-0610-24S	24	6	168
FH2586-1210-18S	18	12	168
FH2586-1810-12S	12	18	168
FH2586-2410-06S	6	24	168
FH2586-3010	0	30	168
FH2586-36S	36	0	192
FH2586-0610-30S	30	6	192
FH2586-1210-24S	24	12	192
FH2586-3610	0	36	192
FH2586-42S	42	0	216
FH2586-0610-36S	36	6	216
FH2586-1210-30S	30	12	216
FH2586-48S	48	0	240
FH2586-0610-42S	42	6	240
FH2586-1010-38S	38	10	240
FH2586-1210-36S	36	12	240
FH2586-1810-30S	30	18	240
FH2586-2410-24S	24	24	240
FH2586-60S	60	0	288
FH2586-0610-54S	54	6	288
FH2586-1010-50S	50	10	288
FH2586-1210-48S	48	12	288
FH2586-72S	72	0	336

### Technical Specification of the slip ring

Mechanical Data		Electrical Data		
spec	data	spec	data	
Rotating speed	refer to slip ring grade table	voltage range	0~440VAC/VDC	0~440VAC/VDC
working temp.	-40℃~85℃	insulation resistance	≥ 1000MΩ /500VDC	≥ 1000MΩ /500VDC
IP grade	IP65, optional IP68	lead wire spec.	AWG17#UL Teflon	AWG22#UL Teflon
contact material	refer to slip ring grade table	lead wire length	standard 300mm (can be customized)	
housing material	aluminum alloy	Dielectric Strength	800VAC@50Hz, 60s	
torque	0.1N.m;+0.03N.m/6 circuits	Electrical noise	<0.01Ω	
certificate	RoHS certificate	CE certificate	Yes	

### Grade code

Grade code	Max rotating speed	working life	contact material
C:standard	100RPM	10 millions	precious metal
D:industrial	200RPM	30 millions	gold-gold

### 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 , FH2586-06S wire color sequence:BLK/BRN/RED/ORG/YEL /GRN , 24 color wires as one group , if more than 24wires, repeat as sequence , use number tube to tell group 1#, 2#....