H50119 Series

H50119 series standard precise slip ring , integrated structure design, with through hole 50mm , OD119mm , suitable for rotating application which requires a through hole <=50mm (remark: if need a hole <50mm, can add a inner bushing)

Part No. description

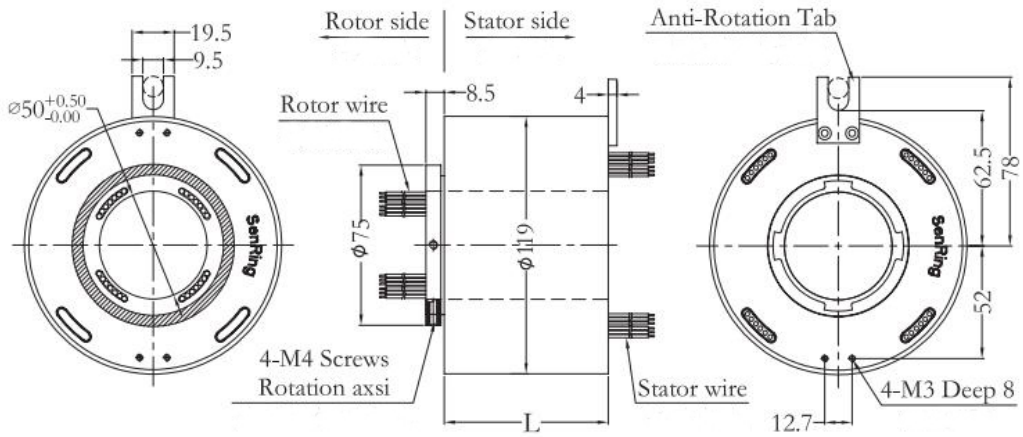
H50119 - Power circuits no. - Signal circuits no. - Eroduct grade

H:through hole slip ring
50119:ID 50mm, OD 119mm

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

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

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



Standard Model List

H50119 series model list							
art no.	Circuit		Length	art no.	Circuit		Length
	10A	Signal or 5A	L(mm)		10A	Signal or 5A	L(mm)
H50119-02S	0	2	36	H50119-36S	0	36	172
H50119-0210	2	0	36	H50119-0610-30S	6	30	172
H50119-03S	0	3	40	H50119-1210-S24	12	24	172
H50119-0310	3	0	40	H50119-3610	36	0	172
H50119-06S	0	6	52	H50119-42S	0	42	196
H50119-0210-04S	2	4	52	H50119-0610-36S	6	36	196
H50119-0410-02S	4	2	52	H50119-1210-30S	12	30	196
H50119-0610	6	0	52	H50119-4210	42	0	196
H50119-12S	0	12	76	H50119-48S	0	48	220
H50119-0210-10S	2	10	76	H50119-0610-42S	6	42	220
H50119-0310-09S	3	9	76	H50119-1210-36S	12	36	220
H50119-0610-06S	6	6	76	H50119-1810-30S	18	30	220
H50119-0810-04S	8	4	76	H50119-P2410-24S	24	24	220
H50119-1010-02S	10	2	76	H50119-4810	48	0	220
H50119-1210	12	0	76	H50119-60S	0	60	268
H50119-18S	0	18	100	H50119-0610-54S	6	54	268
H50119-0210-16S	2	16	100	H50119-0910-51S	9	51	268
H50119-0410-14S	4	14	100	H50119-1210-48S	12	48	268
H50119-0610-12S	6	12	100	H50119-2410-36S	24	36	268
H50119-0810-10S	8	10	100	H50119-72S	0	72	316

ATO

Part no.	10A	Signal or 5A	Length L(mm)	Part no.	10A	Signal or 5A	Leng h L(mm)
H50119-1010-08S	10	8	100	H50119-1210-60S	12	60	316
H50119-1210-06S	12	6	100	H50119-2410-48S	24	48	316
H50119-1410-04S	14	4	100	H50119-3610-36S	36	36	316
H50119-1610-02S	16	2	100	H50119-84S	0	84	364
H50119-24S	0	24	124	H50119-1210-72S	12	72	364
H50119-0410-20S	4	20	124	H50119-2410-60S	24	60	364
H50119-0610-18S	6	18	124	H50119-3610-48S	36	48	364
H50119-1210-12S	12	12	124	H50119-96S	0	96	412
H50119-1810-06S	18	6	124	H50119-1210-84S	12	84	412
H50119-2410	24	0	124	H50119-2410-72S	24	72	412
H50119-30S	0	30	148	H50119-3610-60S	36	60	412
H50119-0610-24S	6	24	148	H50119-4210-54S	42	54	412
H50119-1210-18S	12	18	148	H50119-108S	0	108	460
H50119-1810-12S	18	12	148	H50119-1210-96S	12	96	460
H50119-2410-06S	24	6	148	H50119-2410-84S	24	84	460
H50119-3010	30	0	148	H50119-3610-72S	36	72	460

Remark:Circuits can be combined in parallel for bigger curren , N circuits of 10A o ge N*10A,such as 2 circui s of 10A in parallel for 20A use.10A circuits No. and signal circuits (5A) No. can be cus omized based on s andard produc s,pls inquiry Senring for details.

Technical Specification

Mechanical		Elec rical		
Spec	Data	Spec	Data	
			Power	Signal
Working life	pls refer o product grade table			
Rotating speed	pls refer o product grade table	Rated vol age	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-pla ed eflon	AWG22# Silver-pla ed eflon
Contact material	pls refer o produce grade table	Lead wire length	s andard 300mm(can be cus omized)	
Housing ma erial	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	Con ac ma erial
C:standard	400RPM	20millisons revolu ions	precious me al
D:industrical	800RPM	60millisons revolu ions	precious me al
H:high quali y	1200RPM	150millisons revolu ions	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 firs wire from rotor side , H50119-06S wire color sequence: BLK/BRN/RED/ORG/WHT/GRN , 24 color wires as one group , if more han 24wires, repeat as sequence , use number ube o ell group 1#, 2#....