ET series 1000M Ethernet Slip Rings

Features

Continuous transmission of power and/or signal under 360°unrestrained rotation； Applies advanced fiber brush technology, free of divtenance or lubricating oil； Multi contact points in each circuit, low contact pressure, low noise, low contact wear; extremely long life-time； Standardized & modularized design; customized solutions also available；



ET series Slip Rings

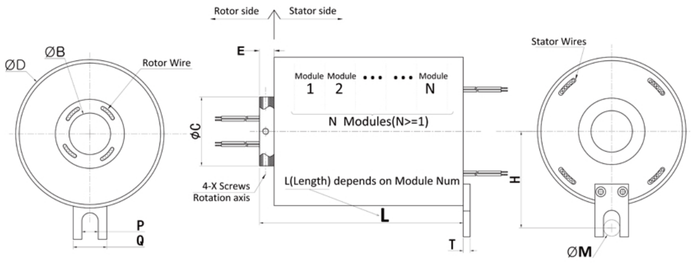
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Options(On your request)

Voltage/current、 Rated Speed、 Operating temperature、 Number of circuits、 Housing material and color、 Outline dimension、 Special lead wire、 Lead exit location、 Lead length、 IP class、 Terminal type、

Specifications			
Housing Material	Aluminium Alloy	Torque	0.05N.m;+0.03N.m/6rings
Working life	>100 million revolutions	Contact material	Precious Metal:Gold-Gold
Electrical noise	<5mOhn	Contact Resistance	<2mOhm
Dielectric strength	800VDC@50Hz	Lead Wire	UL Teflon® Awg22,Awg16,CAT6
Insulation resistance	1000MΩ@600VDC	Lead Lengths	300mm(12")
Operating Temp.	-40°C to 80°C	Storage Temp.	-55°C to 85°C
Bearing.	Deep groove ball	Protection	IP51

Drawings



Part#	B	C	D	E	P	Q	M	T	H	X	Max Speed(RPM)
ET056	12.7	30	56	5.6	6	12	5.8	3	32.5	M3	1000
ET086	25.4	40	86	8.6	9.5	19.5	9.4	4	56	M4	1000
ET099	38.1	50	99	8.6	9.5	19.5	9.4	4	61	M4	1000
ET118	50.8	65	120	8.6	9.5	19.5	9.4	4	73	M4	600

Part#	1000M Ethernet	Current(A)	Voltage(VDC/VAC)	L(mm)
ET056(OD 56mm) - (available in stock)				
ET056-E01-P0410	1	4X10A	0~440V	L=54.8mm
ET056-E01-P0210-S02	1	2X10A+2X2A	0~440V	L=54.8mm
ET056-E01-S04	1	4X2A	0~440V	L=54.8mm
ET056-E01-P1010	1	10X10A	0~440V	L=71.6mm
ET056-E02-P0210	2	2X10A	0~440V	L=71.6mm
ET056-E02-S02	2	2X2A	0~440V	L=71.6mm
ET056-E01-P1610	1	16X10A	0~440V	L=88.4mm
ET056-E02-P0810	2	8X10A	0~440V	L=88.4mm
ET056-E03	3	--	0~440V	L=88.4mm
ET086(OD 86mm) - (available in stock)				
ET086-E01-P0410	1	4X10A	0~600V	L=65.5mm
ET086-E01-P0210-S02	1	2X10A+2X2A	0~600V	L=65.5mm
ET086-E01-S04	1	4X2A	0~600V	L=65.5mm
ET086-E01-P1010	1	10X10A	0~600V	L=86mm
ET086-E02-P0210	2	2X10A	0~600V	L=86mm
ET086-E02-S02	2	2X2A	0~600V	L=86mm
ET086-E01-P1610	1	16X10A	0~600V	L=106.5mm
ET086-E02-P0810	2	8X10A	0~600V	L=106.5mm
ET086-E03	3	--	0~600V	L=106.5mm
ET099(OD 99mm) - (available in stock)				
ET099-E01-P0410	1	4X10A	0~600V	L=65.5mm
ET099-E01-P0210-S02	1	2X10A+2X2A	0~600V	L=65.5mm
ET099-E01-S04	1	4X2A	0~600V	L=65.5mm
ET099-E01-P1010	1	10X10A	0~600V	L=86mm
ET099-E02-P0210	2	2X10A	0~600V	L=86mm
ET099-E02-S02	2	2X2A	0~600V	L=86mm
ET099-E01-P1610	1	16X10A	0~600V	L=106.5mm
ET099-E02-P0810	2	8X10A	0~600V	L=106.5mm
ET099-E03	3	--	0~600V	L=106.5mm
ET118(OD 118mm) - (available in stock)				
ET118-E01-P0410	1	4X10A	0~600V	L=73.8mm
ET118-E01-P0210-S02	1	2X10A+2X2A	0~600V	L=73.8mm
ET118-E01-S04	1	4X2A	0~600V	L=73.8mm
ET118-E01-P1010	1	10X10A	0~600V	L=96.6mm
ET118-E02-P0210	2	2X10A	0~600V	L=96.6mm
ET118-E02-S02	2	2X2A	0~600V	L=96.6mm
ET118-E01-P1610	1	16X10A	0~600V	L=119.4mm
ET118-E02-P0810	2	8X10A	0~600V	L=119.4mm
ET118-E03	3	--	0~600V	L=119.4mm

Color Code Seq

6 colors for one group,indicated with number code pipe.

Lead wire Color codes						
Rings#	1	2	3	4	5	6
Color	BLK	RED	YEL	GRN	BLU	WHT

Typical applications

Industrial machinery-machining centers, rotary index table； Heavy equipment turrets, cable reels, test equipments； Packaging machines, palletizing machines, magnetic clutch, process equipment； Rotary sensors, emergency lighting, robotics； Exhibit/display equipment, medical equipment

Customized on your request

If you don't see what you want in this website,let us know; we may already have it designed or we will modify a design to meet your requirements. In many cases the specifications in the catalog can be changed to include bore size, circuits number, higher current/voltage,flange, lead wire length,shielding,connectors,higher speed,IP68,military grade,higher temperature, mixed with pneumatic/hydraulic capability. Please ask if you don't see exactly what you need as only a small fraction of our Rion slip rings are included in this catalog!

For a detailed outline drawing/3D modal files of a specific model number, or to request a quotation, please contact your local sales representative or send an email to info@rionsr.com