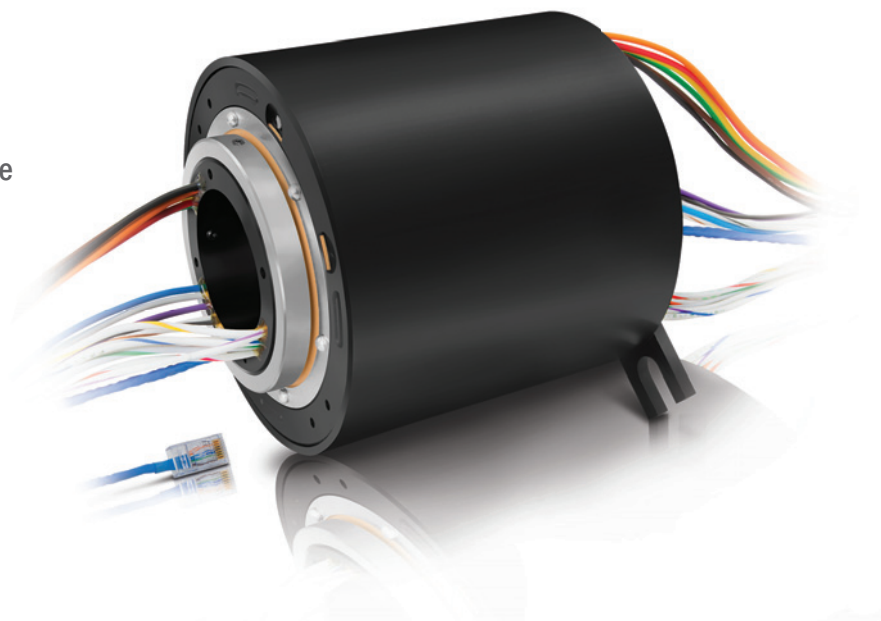


ESET SERIES

Series Overview

- + 1.5" Inch Thru-bore for Shaft Mounting
- + Fully Compliant With IEEE 802.3 Formats
- + 100Base-T / 1000Base-T Ethernet Cables Available
- + T568B Wiring Terminated With RJ45 Connectors
- + Unique Fiber Brush Contact Technology
- + Low Contact Force per Fiber
- + Compatible With a Range of Data Bus Protocols



The ESET Series Ethernet thru-bore slip ring is a rotating assembly used to transfer power, control circuits, or data (analog / digital) from stationary inlets to rotating outlets.

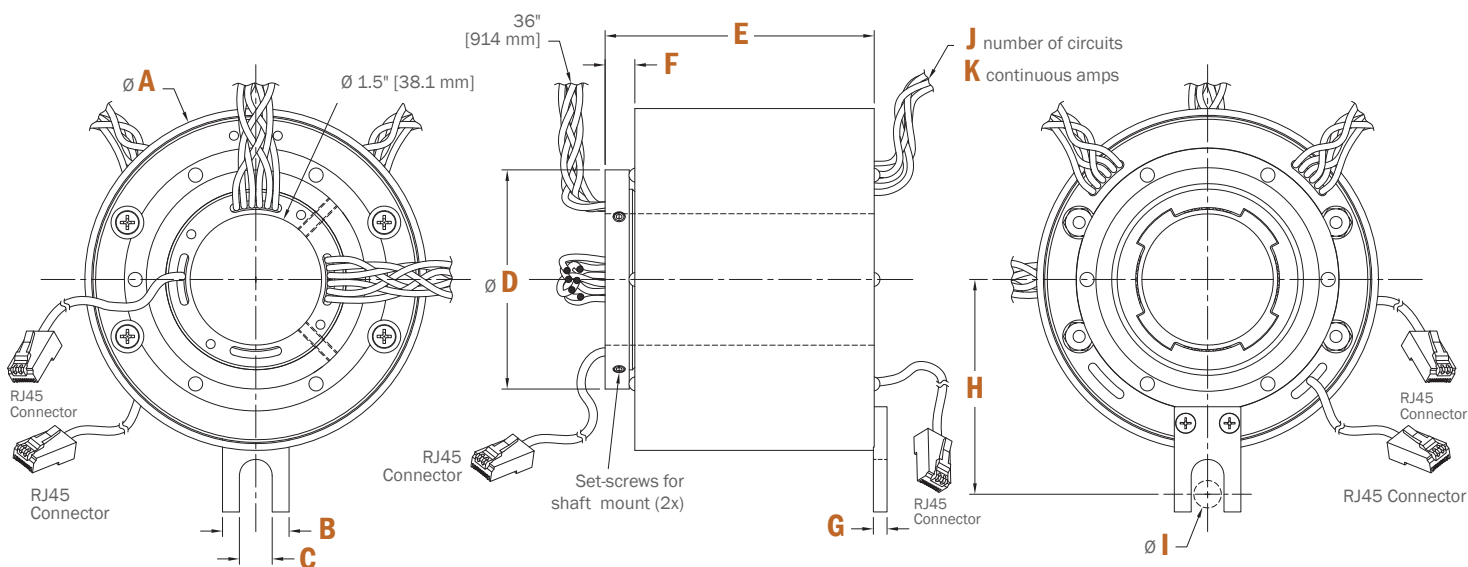
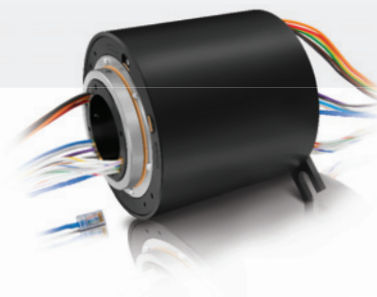
ESET Series slip rings feature a 1.5 inch thru-bore for shaft mounting and provide 100Base-T or 1000Base-T Ethernet connections terminated with RJ45 connectors. The ESET Series incorporates low-wear, fiber brush contacts that do not require lubrication. Standard models are available in 4, 8, 14, 20 and 22 circuits.

Specifications

Max. Operating Speed	250 RPM Continuous
Standard Circuit Options	4, 8, 14, 20, 22
Voltage	600
Amps / Circuit	2/10
Lead / Size Type	24/16 gauge silver/tin plated copper, Teflon®
Temperature Range	-40° F to 176° F (-40° C to +80° C)

ESET SERIES

Dimensions



	ESET4	ESET8	ESET68	ESET128	ESET184
A	3.90" [99.06mm]	3.90" [99.06mm]	3.90" [99.06mm]	3.90" [99.06mm]	3.90" [99.06mm]
B	.76" [19.30 mm]	.76" [19.30 mm]	.76" [19.30 mm]	.76" [19.30 mm]	.76" [19.30 mm]
C	.375" [9.53mm]	.375" [9.53mm]	.375" [9.53mm]	.375" [9.53mm]	.375" [9.53mm]
D	2.5" [63.50mm]	2.5" [63.50mm]	2.5" [63.50mm]	2.5" [63.50mm]	2.5" [63.50mm]
E	2.13" [54.10mm]	3.07" [77.98mm]	4.01" [101.85mm]	4.94" [125.48mm]	4.94" [125.48mm]
F	.34" [8.64mm]	.34" [8.64mm]	.34" [8.64mm]	.34" [8.64mm]	.34" [8.64mm]
G	.15" [3.81mm]	.15" [3.81mm]	.15" [3.81mm]	.15" [3.81mm]	.15" [3.81mm]
H	2.45" [62.23mm]	2.45" [62.23mm]	2.45" [62.23mm]	2.45" [62.23mm]	2.45" [62.23mm]
I	.313" [7.95mm]	.313" [7.95mm]	.313" [7.95mm]	.313" [7.95mm]	.313" [7.95mm]
J	4 Circuits	8 Circuits	14 Circuits	20 Circuits	22 Circuits
K	(1x) 100Base-T*	(1x) 1000Base-T*	(6x) 10 Amps (1x) 1000Base-T*	(12x) 10 Amps (1x) 1000Base-T*	(18x) 10 Amps (1x) 100Base-T*

*100BaseT & 1000BaseT (24 gauge / twisted pair) Ethernet circuits can also be used for other data/signal types

ESET SERIES

100Base-T Ethernet* Wire Color Codes

*24 AWG 100_T= 2 amps max signal;
CAT 6 Cable

ESET4			ESET184		
Tag #	Color	Description/Awg	Tag #	Color	Description/Awg
1	WHT-ORN	100_T/24/ Twisted Pair	1	WHT-ORN	100_T/24/ Twisted Pair
2	ORN		2	ORN	
3	WHT-GRN	100_T/24/ Twisted Pair	3	WHT-GRN	100_T/24/ Twisted Pair
4	GRN		4	GRN	
			5	BLU	10A/16
			6	VIO	
			7	GRY	
			8	WHT-BLK	
			9	WHT-BRN	
			10	WHT-RED	
			11	WHT-ORG	
			12	WHT-YEL	
			13	WHT-GRN	
			14	WHT-BLU	
			15	WHT-VIO	
			16	WHT-GRY	
			17	WHT-BLK- BRN	
			18	WHT-BLK- RED	
			19	WHT-BLK- ORG	
			20	WHT-BLK- YEL	
			21	WHT-BLK- GRN	

ESET SERIES

1000Base-T Ethernet* Wire Color Codes

*24 AWG 1000_T= 2 amps max signal;
CAT 6 Cable

ESET8			ESET68			ESET128		
Tag #	Color	Description/Awg	Tag #	Color	Description/Awg	Tag #	Color	Description/Awg
1	WHT-ORN	1000_T/24/ Twisted Pair	1	WHT-ORN	1000_T/24/ Twisted Pair	1	WHT-ORN	1000_T/24/ Twisted Pair
2	ORN		2	ORN		2	ORN	
3	WHT-GRN	1000_T/24/ Twisted Pair	3	WHT-GRN	1000_T/24/ Twisted Pair	3	WHT-GRN	1000_T/24/ Twisted Pair
4	GRN		4	GRN		4	GRN	
5	BLU	1000_T/24/ Twisted Pair	5	BLU	1000_T/24/ Twisted Pair	5	WHT-BLU	1000_T/24/ Twisted Pair
6	WHT-BLU		6	WHT-BLU		6	BLU	
7	BRN	1000_T/24/ Twisted Pair	7	BRN	1000_T/24/ Twisted Pair	7	WHT-BRN	1000_T/24/ Twisted Pair
8	WHT-BRN		8	WHT-BRN		8	BRN	
			9	WHT-RED	10A/16	9	WHT-RED	10A/16
			10	WHT-ORN		10	WHT-ORN	
			11	WHT-YEL		11	WHT-YEL	
			12	WHT-GRN		12	WHT-GRN	
			13	WHT-BLU		13	WHT-BLU	
			14	WHT-VIO		14	WHT-VIO	
						15	WHT-GRY	
						16	WHT-BLK- BRN	
						17	WHT-BLK- RED	
						18	WHT-BLK- ORG	
						19	WHT-BLK- YEL	
						20	WHT-BLK- GRN	