Slip Ring Application Data Form

Print

Reset Form

CONDUCTIX wampfler
DELACHAUX GROUP

The following data form must be filled out in order for the system to be designed and perform properly.

Request Date
Company

Sales Person
Contact
Title
Tel
Fax
E-mail

Company Type

Application

Project Name: _____ Annual Usage (# of units): _____

☐ New Approved Installation ☐ Future Project ☐ Retrofit (make/serial # of current ring): _____

Does your application require Data Transmission as well as Power Transmission: ☐ Yes ☐ No

If Yes, Describe your Requirements.

Description of Application:
(how will ring be used)

Application Conditions

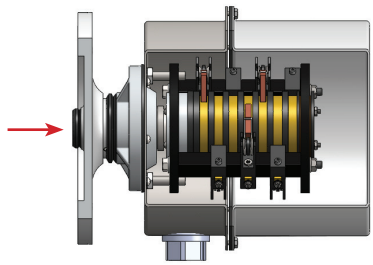
Duty Cycle: _____% Rotational Speed: _____ RPM

Stationary Operation: ☐ Yes ☐ No (Stationary operation = rotational speed < 1 minute and more than 60% of the maximum current load for more than 10 minutes)

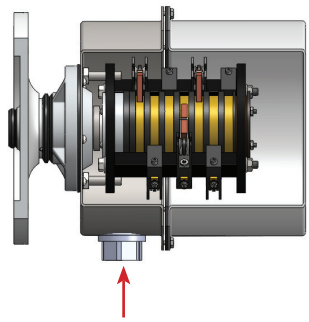
Mounting Position: ☐ Vertical Standing (standard) ☐ Vertical Hanging ☐ Horizontal

Where is the stationary Power source coming from? (meaning: what is stationary in relationship to what rotates.)

☐ Shaft Side



☐ Ring Side



Environmental Data

☐ Indoors ☐ Outdoors ☐ Seashore/Offshore ☐ Contaminants Present - Describe: _____

Ambient Temperature Range: Minimum: _____ Maximum: _____ ☐ °F ☐ °C

☐ High Vibration ☐ High Humidity

Space Requirements - Maximum free diameter: _____ Maximum Mounting Height: _____ ☐ In. ☐ mm

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Construction

☐ Slip Ring Assembly Without Housing ☐ Enclosed Slip Ring Assembly - NEMA/IP: _____

☐ Hazardous Location - Type: _____

Wiring

☐ Ring Connection via Terminal Board

☐ Pre-Wiring: Right Side: _____ from mounting flange ☐ Feet ☐ Meters
Brush Holder Side: _____ from housing ☐ Feet ☐ Meters

☐ Single Strand ☐ Cable

Construction of Gas or Fluid Rotary Joint

Number of Channels	Nominal Width - in / (mm)	Pressure - psi / bar	Medium

Electrical Data

☐ Ring Schedule Attached ☐ Brush Lead Terminal Block Required Core Lead Lenght Required (in.): _____

rings at	amps (norm)	amps (max) at	volts; For*
rings at	amps (norm)	amps (max) at	volts; For*
rings at	amps (norm)	amps (max) at	volts; For*
rings at	amps (norm)	amps (max) at	volts; For*
rings at	amps (norm)	amps (max) at	volts; For*

Data Transmission

Data Transmission or Low Voltage (up to 50V)

Number of Insulated shields/poles	Analog	Digital	Data Transfer Rate [kBit/s]	Transmission Protocol eg. Profibus, Fast-Ethernet	Cable / Wire Type and or Number

Attach any further Mounting Details / Mechanical Requirements / Application Notes as needed.