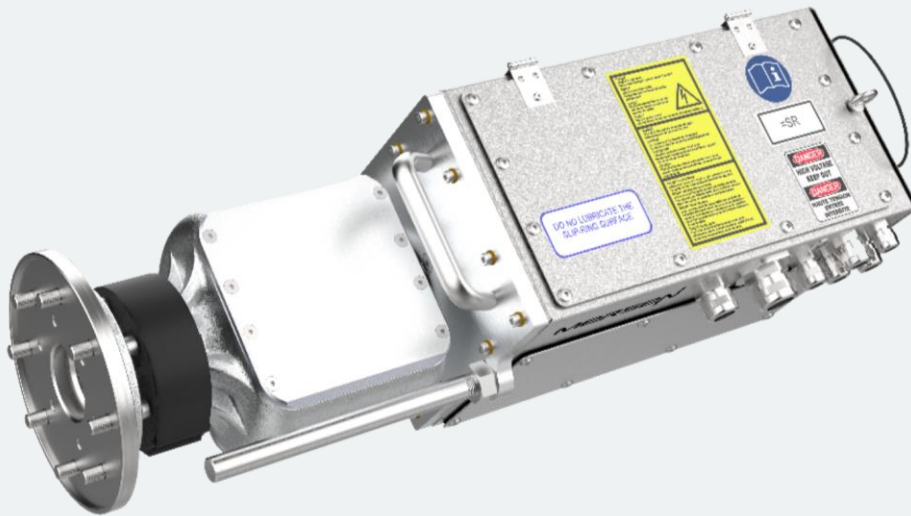


# SIGNAL & POWER TRANSFER SYSTEMS

ZOOM

USDK729  
FOR SUZLON S88  
WIND TURBINES  
63A / 400V



**USDK729** is a modern technology signal, data and power slip ring system, using Mersen premium carbon brush grades to reliably transmit all important signal, data and power channels.

Mersen premium carbon grades are based on tribological experience with low wear rate, which translates to less dusting, reliable power transfer and extended life of the component.

- Data transmission up to 10 Mbit/s via special carbon grade
- System without heating – can be ordered separately and integrated any time
- Integrated connection cabinet allows for easy access of internal connections and quicker maintenance
- A novel sealing design provides extra protection from environmental degradation. Designed according to international ISO, UL and CSA standards.
- Cleaning is a quick process with removable covers as shown on overleaf.
- Flange connection adapter included

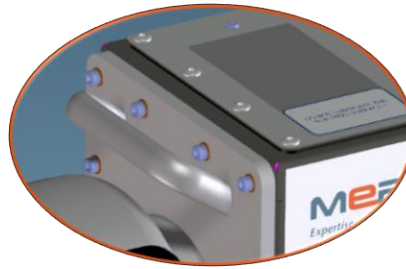
## FACTS & FIGURES

- Dimensions (L x W x H):  
745 x 231 x 251 mm
- Weight:  
28 kg
- IP54 housing
- Handling:  
2 handlebars
- Number of channels:  
22 ways
- Max. Amp rate:  
63 A
- Max. Voltage:  
400 V
- LV / Data / Signal:  
300 V / 5 A  
230 V / 20 A  
24 V / 12 A  
24 V / A  
CAN Bus

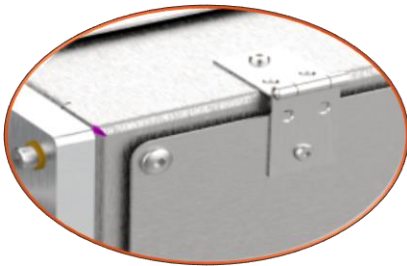
MERSEN PROPERTY



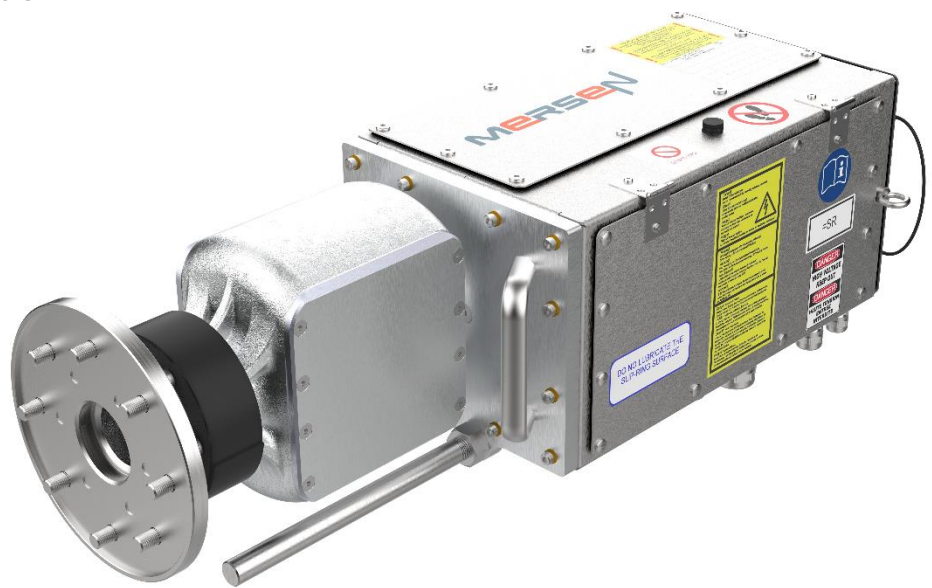
Flat adapter for easy access, easy cable clamping and a rubber seal



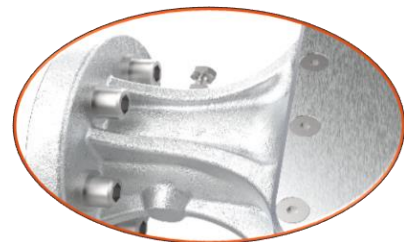
Handles at each end of the unit



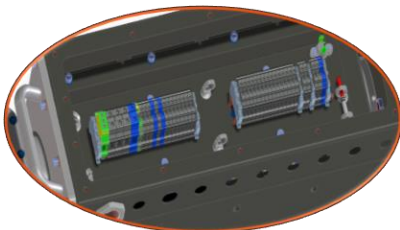
Hinges and screws for easy access to internal slip ring system



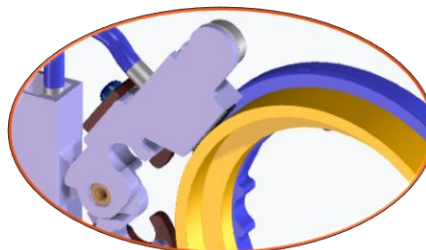
Additional flange adapter included



Adapter neck with minimized stress using FEM design standards



Power and data signal ports for stator side inside top cover



MERSEN brush grade featuring maximum of life and reliability

MERSEN PROPERTY

Contact: [info.ptt@mersen.com](mailto:info.ptt@mersen.com)

PTT-sptis-usdk729-US-2306