

Hybrid (Multilayer / Carbon) SRA

Advantages Multilayer Technology

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TRANS- MISSION

Flexible energy and data transfer

Signals, data and power :

- mV to kV
- mA to kA
- Data-transmission
e.g. Can-Bus, Profibus, Ethernet
(depending on parameters and system)

Combinations / additional features:
Encoder, FORJ, Rotary Joint,
Plugs, Terminal box



Data- / signal transmission

Real-time data transfer class CAT5e
(EtherCAT, Profinet, PowerLink,
DRIVE-CLiQ)

Common field bus systems up to
100 MB/s Industrial Ethernet, for
example Profinet



Design

- Rings - circuit boards, gold-plated
- Brushes - multi-wire brushes
- Rotation speed - up to 200 rpm
- Number of Poles - customized
- Rated current - 200 A, optionally higher
- Rated voltage - 1 kV, optionally higher



Design

- modular System and compact, stackable
- 4 ways 230V / 16A
- 6 ways 24V / 5A
- 8 ways 24V / 5A

Depending on the individual design, the multi-wire technology used conductor plates with single-sided or double –sided tracks.



Multilayer maintenance information

The Multilayer technology is designed, built and lubricated for long life span.



Stemmann-Technik

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