FACT SHEET: M23 HYBRID
DIVISION: DC

M23 HYBRID

SIGNAL DATA POWER TOGETHER AT LAST

Main Features

- Currents up to 30A.
- Voltages up to 850V DC & 630V AC.
- IP65/67 protection.
- Temperature range -40°C to +125°C.
- Contacts:
  - 4 x Signal.
  - 4 Data CAT5 (or signal).
  - 4 Power + PE.

POWER
(SPTA 5 PCB Terminal)

SIGNAL
(SPT SMD PCB Terminal)

DATA
(PTQ THR PCB Terminal)

PRODUCT PORTFOLIO
Cable, Coupling, Device & Over-moulded Connectors

HYBRID CABLE
Designed to simplify connector assembly

4 SIGNAL
8A, 50V

CONTACTS
0.8, 1.0 & 2.0 mm Dia

4 DATA CAT5
Optional 4x signal insert (unshielded)

4 POWER + PE
30A, 850V DC / 630V AC

STD CRIMP TOOL
0.06-2.5mm² SF-Z0054
4.0mm² SF-Z0025

INSPIRING INNOVATIONS
**Customer Advantages**

- Signal, data and power in one circular connector.
- Compact M23 connector for high power applications.
- Space saving on the device and in the cable tray.
- Improved ergonomics for hand held devices.
- 0.8mm data contact for safe & reliable data transmission according to CAT5.
- SPEEDCON fast connection technology.
- Over-moulded cable assemblies available on request.
- Reduced system cabling (see illustration below).

**APPLICATIONS**

M23 Hybrid offers a world of possibilities for device connectivity

- **MOTOR**
  - Daisy Chain Connectivity

- **MONITOR**
  - Simplified Installation

- **HAND TOOL**
  - Ergonomic Design

- **ASSEMBLY**
  - Reduced Cabling

**Industry Trends**

- EU regulation requires manufacturers to improve electric motor efficiency.
- Miniaturisation results in less space for device connectors.
- Intelligent devices require power, signal & data.

M23 HYBRID offers new possibilities in device connectivity