



## Han® 3 A RJ45, Hybrid

### Advantages

• Type/Material	Han® 3 A RJ45 Hybrid (V5), plastic, metal
• Category	Cat. 5/Cat. 6/Cat. 6A
• Number of contacts	4/8 data + 4 power
• Termination	IDC
• Cable diameter	5 - 14 mm

### Application

- Industrial cabling
- Within switch cabinets
- On machines and control units

### Benefits

- Robust design
- Use on-site made possible via IP65 / IP67 protection
- Easy handling for applications with additional power supply
- PROFINET compliant

### Technical characteristics

Connector	
Degree of protection	IP65 / IP67
Mating interface	RJ45, 4 poles acc. to IEC 60603-7 plus 4x power
Temperature range	-40 °C ... +70 °C
Housing material	
Plastic version	UL 94 V0, black
Metal version	Zinc die-cast, grey
Mating cycles	min. 500
Mounting	field-assembly
Data Cat. 5, 4 poles	
Transmission performance	Category 5, Class D up to 100 MHz acc. to ISO/IEC 11801, prEN 50173-1
Data rate	10 Mbit/s, 100 Mbit/s
Cable diameter	
stranded	AWG 24/7 - AWG 22/7
solid	AWG 23/1 - AWG 22/1
Data Cat. 6, 8 poles	
Transmission performance	Category 6, Class E <sub>A</sub> up to 500 MHz acc. to ISO/IEC 11801, prEN 50173-1
Data rate	10 Mbit/s, 100 Mbit/s, 1 Gbit/s
Cable diameter	
stranded/solid	AWG 27 - AWG 22
Both, data Cat. 5 and Cat. 6	
Shielding	fully shielded, 360° shielding contact
Cable outer diameter	6 mm – 12 mm
Power	
Number of contacts	4 for cable diameter 1.5 mm <sup>2</sup> stranded
Working voltage	48 V/DC
Working current	16 A, see current carrying capacity
	UL approved (E102079)
Panel feed-through	
Mating interface extern:	RJ45 female acc. to IEC 60603-7 plus 4 x power
Mating interface intern:	RJ45 female acc. to IEC 60603-7 4 x power via cable cage clamp 1.5 mm <sup>2</sup>