

Available by June 2007



## Combined Connector for Power and Signal

Identification	Part-Number		Drawings	Dimensions in mm
	Male insert (M)	Female insert (F)		
<b>Han® K 4/4</b> axial screw terminal finger safe 6 - 16 mm <sup>2</sup>	09 38 008 2601	09 38 008 2701		
finger safe 14 - 22 mm <sup>2</sup>	09 38 008 2602	09 38 008 2702		
not finger safe 6 - 16 mm <sup>2</sup>	09 38 008 2611			
not finger safe 14 - 22 mm <sup>2</sup>	09 38 008 2612			

Identification	Part-Number	Depiction
<b>Hex Key SW 2.5</b> for axial screw terminal adapter 3/8 "	09 99 000 0375	

## Assembly details

<b>Han® K 4/4</b>		cage clamp terminal  axial screw terminal
-------------------	--	---

## Features

- 4 power contacts for 63 A with axial screw termination
- 4 signal contacts for 16 A with cage clamp termination
- PE contact
- Finger safe
- Suitable for hoods and housings of the size Han® 10 B

## Technical characteristics

### Specifications

DIN EN 61 984  
DIN VDE 0110

### Inserts

Number of contacts	4/4 + PE
Electrical data accd. to DIN EN 61 984	
Power area	63 A 690 V 6 kV 3
Rated current	63 A
Rated voltage	690 V
Rated impulse voltage	6 kV
Pollution degree	3
Signal area	16 A 230 V 4 kV 3
Rated current	16 A
Rated voltage	230 V
Rated impulse voltage	4 kV
Pollution degree	3
Insulation resistance	$\geq 10^{10} \Omega$
Material	Polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability accd. to UL 94	V 0
Mechanical working life	$\geq 500$ mating cycles

### Contacts

Power contacts	
Material	Copper alloy
Surface	
- hard-silver plated	3 $\mu\text{m}$ Ag
Contact resistance	$\leq 0,5 \text{ m}\Omega$
Screw terminal	
- geometric wire gauge	6 - 22 mm <sup>2</sup>
- AWG	8 - 4
Signal contacts	
Material	Copper alloy
Surface	
- hard-silver plated	3 $\mu\text{m}$ Ag
Contact resistance	$\leq 3 \text{ m}\Omega$
Screw terminal	
- geometric wire gauge	0.14 - 2.5 mm <sup>2</sup>
- AWG	26 - 14