



Features

- Innovative Han-Quick Lock® termination technology
- Field assembly without special tools
- Compatible with Han® Q 8/0 standard inserts with crimp terminal
- Reduced wiring times
- Insert suitable for plastic hoods and housings of the sizes Han-Compact®
- Space-saving and compact design
- Leading protective ground contact

Technical characteristics

Specifications	DIN EN 60 644-1 DIN EN 61 984
Inserts	
Number of contacts	8 + PE
Electrical data acc. to DIN EN 61 984	16 A 500 V 6 kV 3
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Termination	Han-Quick Lock®
Insulation resistance	$\geq 10^{10} \Omega$
Material insert	Polycarbonate
Material seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life	≥ 500 mating cycles

Contacts

Material	Copper alloy
Surface	
- hard silver plated	3 μm Ag
Contact resistance	$\leq 3 \text{ m}\Omega$
Han-Quick Lock®	
- mm^2	0.5 – 2.5 mm^2
- AWG	20 – 14
Maximum insulation cross section	$\varnothing = 3.6 \text{ mm}$

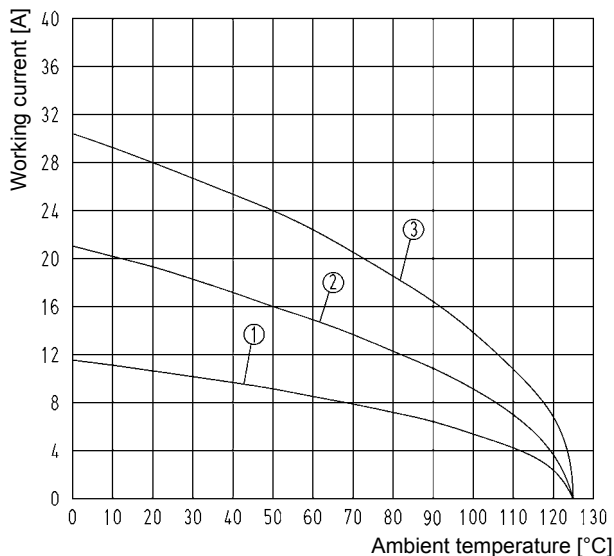
Plastic hoods/ housings

Material	Polycarbonate
Locking element	Polyamide
Flammability acc. to UL 94	V 0
Hoods/ housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Degree of protection acc. to DIN EN 60 529 in locked position	IP 65

Current Carrying Capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature. Measuring and testing techniques according to DIN EN 60 512-5.

- ① Wire gauge: 0.5 mm^2
- ② Wire gauge: 1.5 mm^2
- ③ Wire gauge: 2.5 mm^2






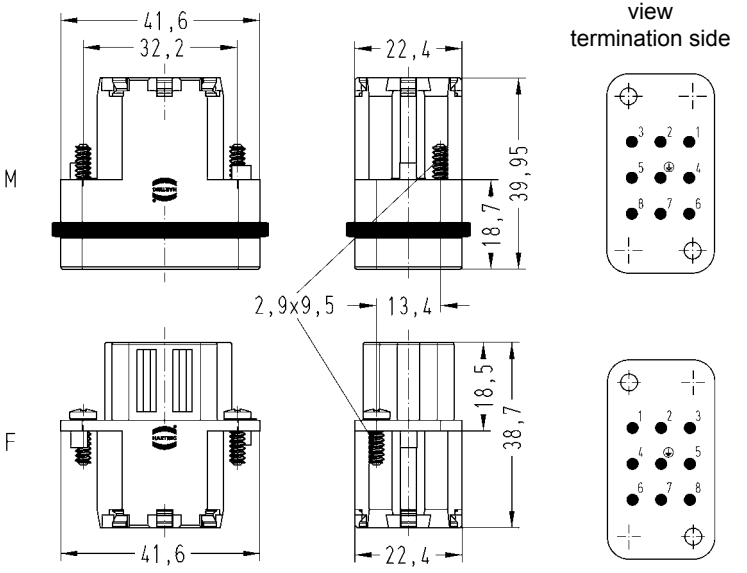
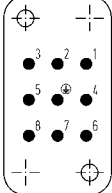

Number of contacts

8 +

Available by May 2009

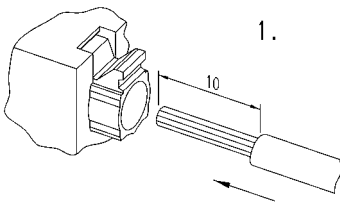


Inserts with Han-Quick Lock® Termination

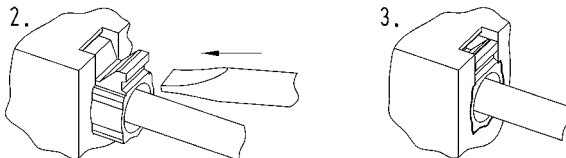
Identification	Part-Number	Drawing	Dimensions in mm
<p>Han® Q 8/0 Quick Lock</p> <p>Male insert</p> 	09 12 008 2633		<p>contact arrangement view termination side</p> 
<p>Female insert</p> 	09 12 008 2733		

Assembly Manual

Remove cable jacket and strip the fine stranded wires

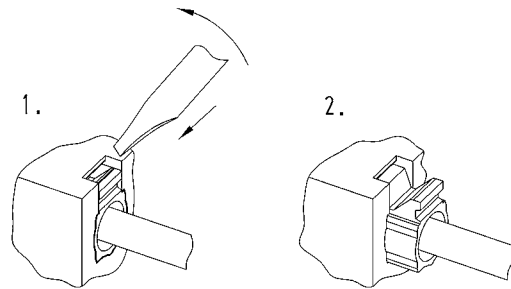


Push fine stranded wires into the Han-Quick Lock® contact and push the blue slide with a screw driver¹⁾ until it comes to a stop



Removal Manual

Please insert the screw driver¹⁾ at an angle of 45° into the opening and lever the blue slide out



¹⁾ Screw driver: 0.4 x 2.5 mm or 0.5 x 3.0 mm