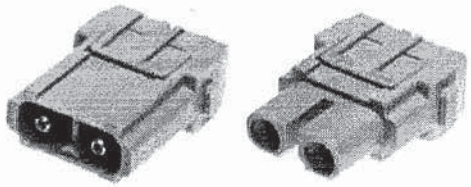
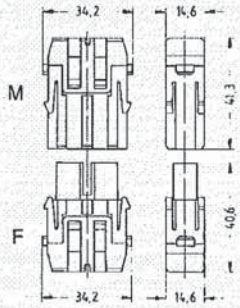
Number of contacts

2



Identification	Part number Male insert (M)	Female insert (F)	Drawing	Dimensions in mm
Axial screw terminal 40 A				
2.5 ... 8 mm²	**09 14 002 2604**	**09 14 002 2704**		
6 ... 10 mm²	**09 14 002 2605**	**09 14 002 2705**		



Contact arrangement view from termination side

Han Modular

Identification	Part number	Drawing	Dimensions in mm
Hex key SW 2 for axial setscrew			
with grip	**09 99 000 0313**		
Bit 1/4"	**09 99 000 0369**		

Stock items in bold type

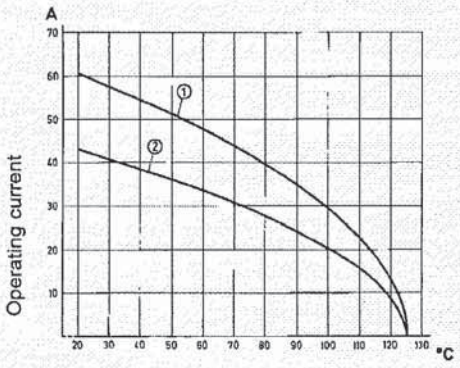
Features

- Axial-screw termination
- No special tools required

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



Ambient temperature

① 24 B hoods/housings with 6 modules; wire gauge: 10 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 6 mm²

Technical characteristics

Specifications	DIN EN 60 664-1 DIN EN 61 984
Approvals	cULus

Inserts

Number of contacts	2
Electrical data	
acc. to EN 61 984	**40 A 1000 V 8 kV 3**
Rated current	40 A
Rated voltage	1000 V
Rated impulse voltage	8 kV
Pollution degree	3
Pollution degree 2 also	40 A 1600 V 12 kV 2
Rated voltage	
acc. to UL	600 V
Insulation resistance	≥ 10^{10} Ω
Material	polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life	
- mating cycles	≥ 500

Contacts

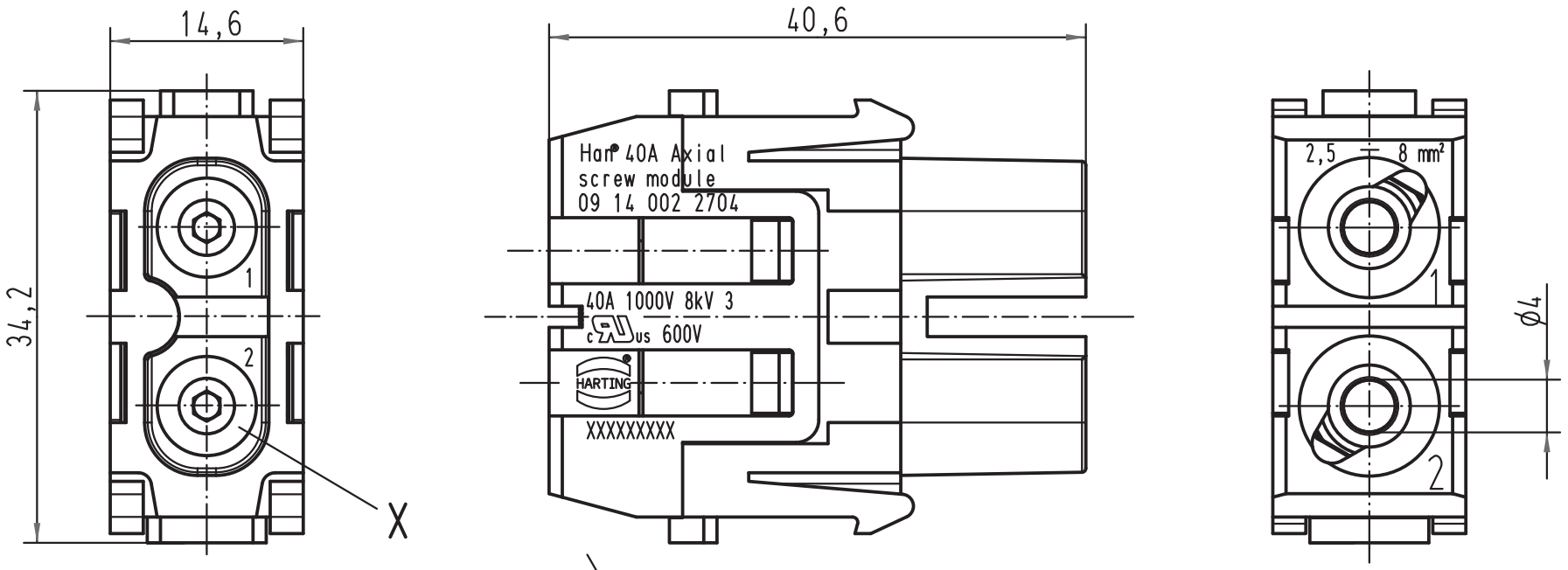
Material	copper alloy
Surface	
- hard-silver plated	3 µm Ag
Contact resistance	0.5 mΩ
Screw terminal	
- Wire gauge [1]	2.5 ... 10 mm²
- AWG	14 ... 8
- Hexagonal driver	SW 2
- Stripping length	

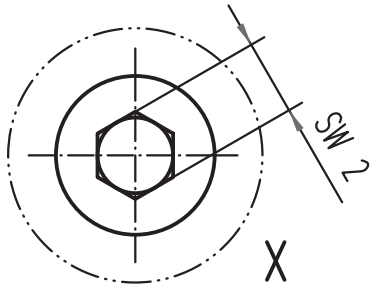
mm²	2.5	4	6	10
mm	5^{+1}	5^{+1}	8^{+1}	11^{+1}

- Tightening tourque

mm²	2.5	4	6	10
Nm	1.5	1.5	2	2

1) geometric wire gauge

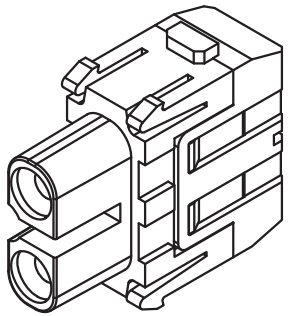




5:1

für Litze 2,5-8mm², AWG14-8, feindrähtig

for stranded wire 2,5-8mm², AWG14-8, fine wire



All Dimensions in mm Original Size DIN A 4			Techn. Character.			Nicht tolerierte Maße/*Free size tolerances*	
				Dat.	Name	Maßstab/*Scale*	Han 40A Axial screw modul
			Detail.	08.12.08	Rull	2:1	mit Rasthaken/*with snap arm*
			Insp.		Be		Buchseneinsatz/*female insert*
			Stand.				
			HARTING Electric GmbH & Co. KG D-32339 Espelkamp			TB 09 14 002 2704	Blatt/*pag*
A						Sub.	
Mod.	Dat.	Name					