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## Description of the Han-Yellock® system

### The Han-Yellock® - a special Han® connector

Han-Yellock® is a new product series which retains the core functionality but differs significantly from current size and shape formats. The approach of this series makes many new functions possible, for example:

- An internal, latched locking mechanism on the hood
- Multiplies the potentials in the connector with Han-Yellock® modules
- Usage of Han-Modular® modules with adapter frames
- Insulators can snap into the front or back walls of the housing
- Protected Earth contact (PE) in crimp or Quick Lock termination

These new technical features encourage sustained and effective improvements:

when purchasing products –

- Less article numbers and less inventory,

when planning for the electrical and mechanical layout –

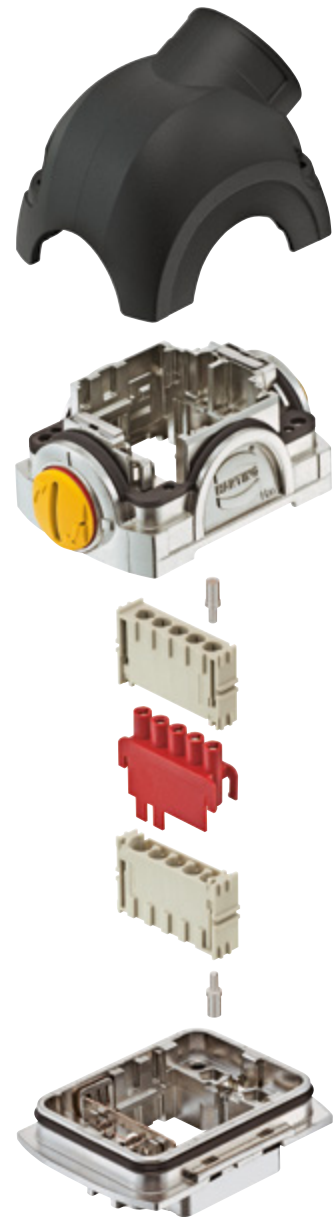
- Less wiring work within a machine,

during the work flow –

- Less steps in the work flow and quicker assembly,

and during the after-sales stage –

- Reduced down times because of the latched locking mechanism and maintenance-friendly design



Assembly details

### Design overview

The Han-Yellock® interface consists of a housing, bulkhead mounting, on the housing side and a carrier hood with cover on the cable side.

Han-Yellock® offers the following features when assembling components:

- Han-Yellock® modules require only male crimp contacts.
- The PE is contacted on the housing; it can be connected with crimp and/or Quick Lock contacts.
- The Han-Yellock® hoods/housing are not plug-compatible with all other Han® hood/housing series.

The Han-Yellock® system can be used with a variety of insulators and contact inserts in order to establish an interface.

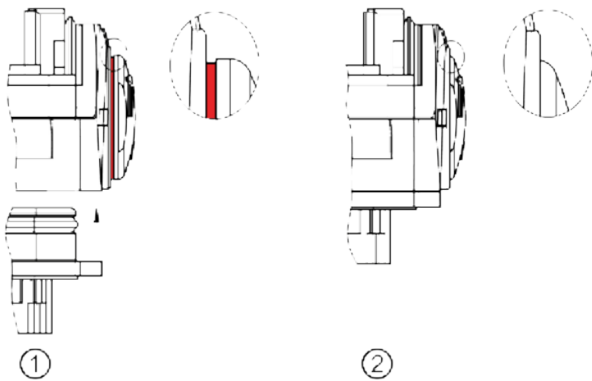
### The Locking

The locking ability is a key function of the Han-Yellock®. The function makes connections and disconnections safe, simple and quick – even under harsh industrial conditions.

Main advantages include:

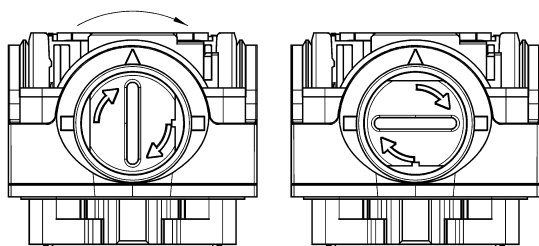
- Easy handling
- Resistance to vibrations and shock
- Protected against accidental opening
- Compact, space-saving design

Han-Yellock® features a patented internal locking mechanism. The locking takes place as the cable and device sides are simply joined together. A red ring around the perimeter of the push button will be visible if the housing halves do not snap together properly. This ring disappears as soon as the internally protected stainless steel springs snap into place.



① unlocked  
② locked

This press-button locking also features an integrated blocking function. The locking mechanism can be locked by rotating the button 90°. It is then no longer possible to open the connector.



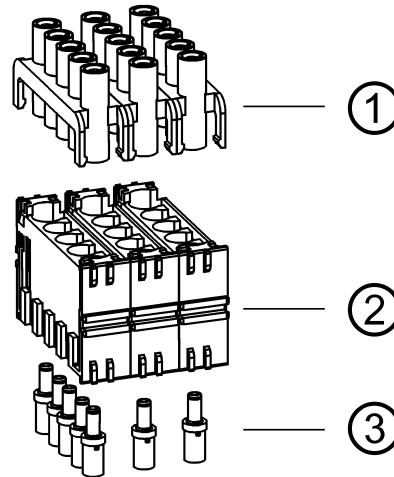
„open“                      „blocked“

The press button can be set back to its visually open position only after the button is turned back 90°. It is then possible to release the two housing halves by pressing the snap-in button.

This feature provides an elegant mechanism for preventing an accidental opening of the connector – and no additional components are needed for it.

### Han-Yellock® modules

This new product series enables an improved approach and strategy for electrical planning and procurement. For assembling the Han-Yellock® connector only male crimp contacts are needed. The conduct between the two male contacts is made by multipliers.



① multiplier  
② Han-Yellock® module  
③ Han-Yellock® crimp contacts

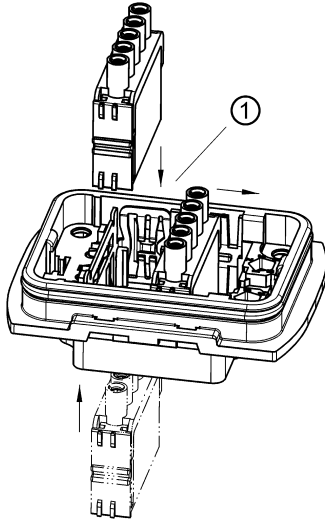
This concept allows a 1:1 wire to wire arrangement and in addition the use of bridges. Two to five contacts can be arranged.

It does not matter if the bridge attachment is inserted on the cable side or the housing side of the connector.

In the past, terminals blocks have been responsible for the function of multiplying potentials. But now this function has been integrated into the connector for a quick, compact and easy-to-service solution.

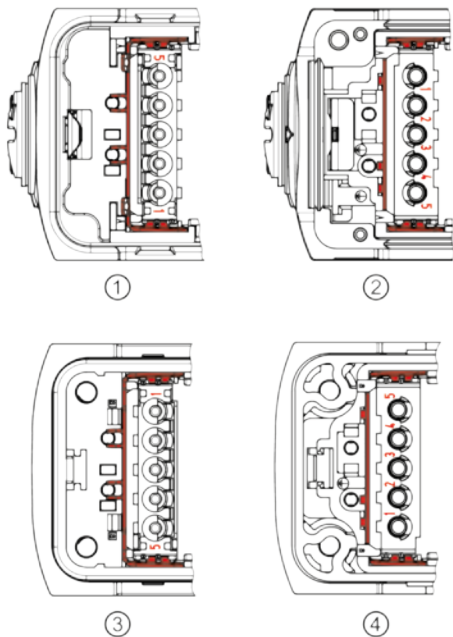
Inserting the module into the hoods/housing

- The Han-Yellock® module should only be inserted into the „A“ plug-in position in the metal clamp.

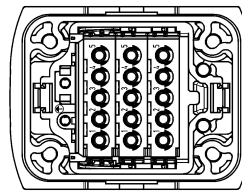


① plug-in position „A“

- The illustration shows the orientation of the module (see arrangement of contacts 1 ... 5).

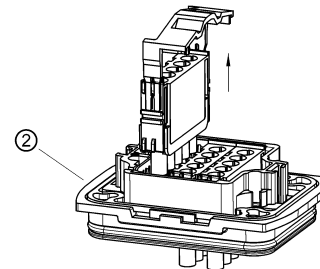
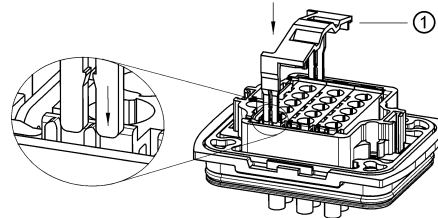


- ① Carrier hood, mating side
- ② Carrier hood, connection side
- ③ Housing, bulkhead mounting, mating side
- ④ Housing, bulkhead mounting, connection side
- A distinct click can be heard when the module snaps into position. It is then pushed along the rail to its final position. The plug-in slots must always be completely filled.



Disassembling the Han-Yellock® module

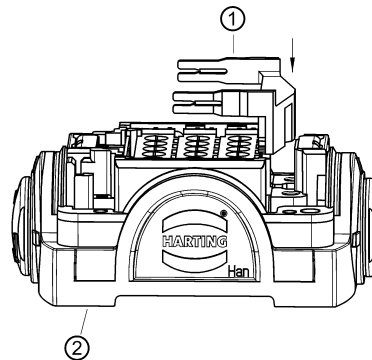
- The removal tool (part no. 11 99 000 0001) is required to take out the module.
- The following illustration shows how to insert the removal tool into the metal clamp. The tool should then be pressed down until it reaches the end stop.
- The tool is then pulled back and the module comes out of the housing.
- The removal can be made from the connection side as well as from the mating side.



- ① removal tool
- ② housing, bulkhead mounting

The process is identical for both housings, bulkhead mounting, and carrier hoods.

The removal tool can be stored on the carrier hood:



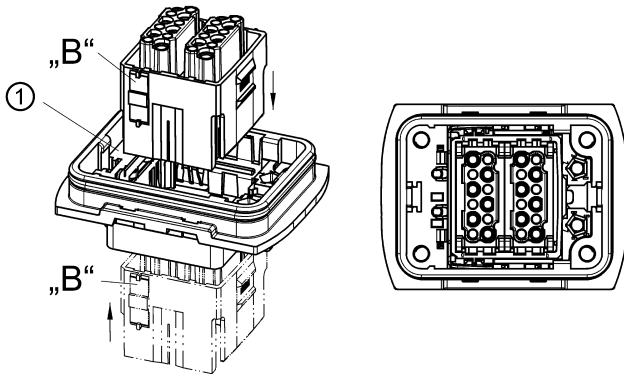
- ① removal tool
- ② carrier hood

### Han-Yellock® adapter frame

Han-Modular® series interfaces can be established using the Han-Yellock® adapter frame. The connection is based on a male/female contact arrangement.

Inserting the adapter frame in the housing:

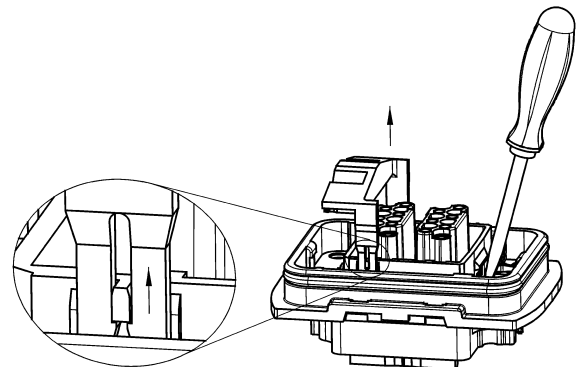
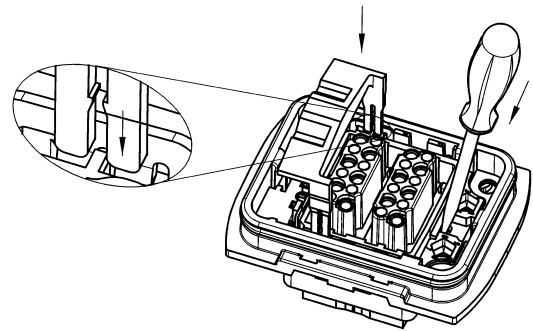
- The adapter frame can be snapped into the housing, bulkhead mounting, on the termination side and the mating side (refer to the illustration).
- The lateral plastic tabs („B“) are pressed into the metal clamps on the housing.
- The adapter frame then snaps in with a distinctly audible click.



① metal clamp

Removal the adapter frame:

- The removal tool part no. 11 99 000 0001 is required for disassembly.
- The removal tool is inserted into the metal clamp and pressed down as shown in the following illustration. A screwdriver need also be placed into the notch in the housing.
- The removal tool should then be pulled outwards to remove the adapter frame from the housing.
- The removal can be made from the termination side as well as from the mating side.
- The process is identical for both housings, bulkhead mounting, and carrier hoods.



## Han-Yellock® Protection covers

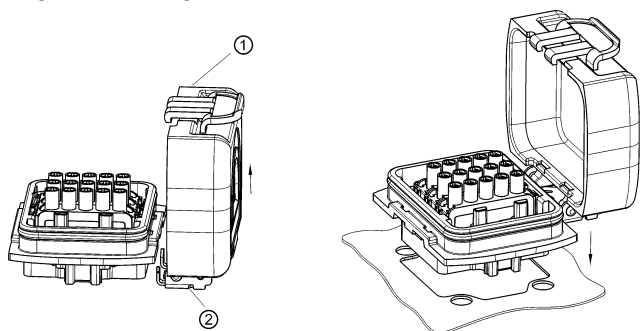
### Protection cover function

To protect the insert against dust and water it is possible to use a Han-Yellock® protection cover.

The protection cover comes with a metal bearing pedestal and can be installed during initial or retrofit installation.

The Han-Yellock® design offer the possibility to snap in the pedestal either on the left or on the right side of the housing.

The direction of the cover movement can flip without turning the housing and inserts.



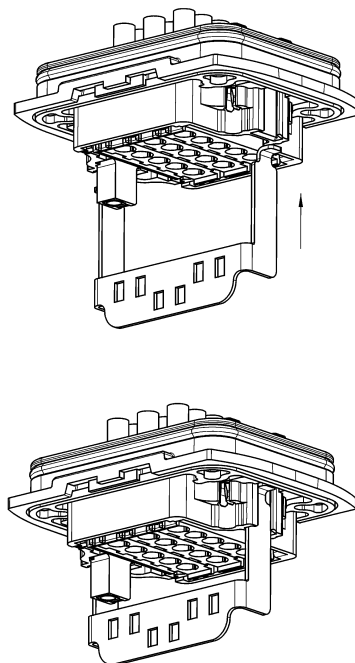
- ① cover
- ② bearing pedestal













## Han-Yellock® Ground terminal

### Ground terminal assembly




On the housing side ground terminals can be used.

After placing the frame deeply inside the housing slots the housing will be fixed to the panel leading to solid mounting of the complete set.



Series	Han® 3 A	Han® 3 A Quick Lock	Han® 3 A Quick Lock	Han® 4 A
Number of contacts	3 + ⊕	3 + ⊕	3 + ⊕	4 + ⊕
Termination	Screw terminal 	Quick Lock termination 	Quick Lock termination 	Screw terminal 
Rated current	10 A	10 A	10 A	10 A
Rated voltage	230 / 400 V	230 / 400 V	230 / 400 V	230 / 400 V
Wire gauge	0.75 ... 1.5 mm <sup>2</sup>	0.5 ... 2.5 mm <sup>2</sup>	0.25 ... 1.5 mm <sup>2</sup>	0.75 ... 1.5 mm <sup>2</sup>
Male insert (M)	09 20 003 2611	09 20 003 2633	09 20 003 2634	09 20 004 2611
Female insert (F)	09 20 003 2711	09 20 003 2733	09 20 003 2734	09 20 004 2711
Series	Han® 4 A Quick Lock	Han® 4 A Quick Lock	Han® 8 D	Han® 8 D Quick Lock
Number of contacts	4 + ⊕	4 + ⊕	8	8
Termination	Quick Lock termination 	Quick Lock termination 	Crimp terminal 	Quick Lock termination 
Rated current	10 A	10 A	10 A	10 A
Rated voltage	230 / 400 V	230 / 400 V	~ 50 V / - 120 V	~ 50 V / - 120 V
Wire gauge	0.5 ... 2.5 mm <sup>2</sup>	0.25 ... 1.5 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>	0.25 ... 1.5 mm <sup>2</sup>
Male insert (M)	09 20 004 2633	09 20 004 2634	09 36 008 3001	09 36 008 2632
Female insert (F)	09 20 004 2733	09 20 004 2734	09 36 008 3101	09 36 008 2732
Series	Han® Q 2/0	Han® Q 2/0	Han® Q 2/0	Han® Q 2/0
Number of contacts	2 + ⊕	2 + ⊕	2 + ⊕	2 + ⊕
Termination	Axial screw terminal 	Axial screw terminal 	Crimp terminal 	Axial screw terminal 
Rated current	40 A	40 A	40 A	40 A
Rated voltage	400 V	400 V	400 V	830 V
Wire gauge	2.5 ... 6 mm <sup>2</sup>	4 ... 10 mm <sup>2</sup>	1.5 ... 10 mm <sup>2</sup>	2.5 ... 6 mm <sup>2</sup>
Male insert (M)	09 12 002 2653	09 12 002 2651	09 12 002 3051	09 12 002 2654
Female insert (F)	09 12 002 2753	09 12 002 2751	09 12 002 3151	09 12 002 2754











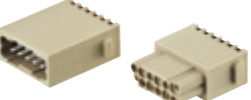



By using in Han-Yellock® 10 hoods/housings the seal on the insert has to be removed.

Series	Han® Q 2/0	Han® Q 2/0	Han® Q 3/0	Han® Q 5/0
Number of contacts	2 + ⊕	2 + ⊕	3 + ⊕	5 + ⊕
Termination	Axial screw terminal 	Crimp terminal 	Crimp terminal	Crimp terminal 
Rated current	40 A	40 A	40 A	16 A
Rated voltage	830 V	830 V	400 V	230 / 400 V
Wire gauge	4 ... 10 mm <sup>2</sup>	1.5 ... 10 mm <sup>2</sup>	1.5 ... 10 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>
Male insert (M)	09 12 002 2652	09 12 002 3052	09 12 003 3051	09 12 005 3001
Female insert (F)	09 12 002 2752	09 12 002 3152	09 12 003 3151	09 12 005 3101
Series	Han® Q 5/0 Quick Lock	Han® Q 7/0	Han® Q 12/0	
Number of contacts	5 + ⊕	7 + ⊕	12 + ⊕	
Termination	Quick Lock termination 	Crimp terminal 	Crimp termination/ Quick Lock termination 	
Rated current	16 A	10 A	10 A	
Rated voltage	230 / 400 V	400 V	400 V	
Wire gauge	0.5 ... 2.5 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>	
Male insert (M)	09 12 005 2633	09 12 007 3001	09 12 012 3001	
Female insert (F)	09 12 005 2733	09 12 007 3101	09 12 012 3101	
Series	Han-Brid® RJ45 C	Han-Brid® RJ45 C	Han-Brid® RJ45 C	Han-Brid® RJ45 C
Number of contacts	2 / 8	2 / 8	2 / 8	2 / 8
Termination	Crimp terminal / RJ45 	Crimp terminal / RJ45 	Crimp terminal / RJ45 	Crimp terminal / RJ45 
Rated current	10 A	10 A	10 A	10 A
Rated voltage	24 V	24 V	24 V	24 V
Wire gauge	0.14 ... 2.5 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>
Male insert (M)	09 12 003 3021	09 12 003 3031		
Female insert (F)			09 12 003 2774	09 12 003 2776



# Inserts for adapter frames





Series	Han® CC Protected module	Han® CD module	Han E® module	Han® E Quick Lock module
Number of contacts	4	3	6	6
Modules	Crimp terminal 	Crimp terminal 	Crimp terminal 	Quick Lock termination 
Rated current	40 A	40 A	16 A	16 A
Rated voltage	830 V	830 V	500 V	500 V
Wire gauge	1.5 ... 6 mm <sup>2</sup>	1.5 ... 6 mm <sup>2</sup>	0.14 ... 4 mm <sup>2</sup>	0.5 ... 2.5 mm <sup>2</sup>
Series	Han® EE module	Han® EE Quick Lock module	Han E® Protected module	Han® EEE module
Number of contacts	8	8	6	20
Modules	Crimp terminal 	Quick Lock termination 	Crimp terminal 	Crimp terminal 
Rated current	16 A	16 A	16 A	16 A
Rated voltage	400 V	400 V	830 V	500 V
Wire gauge	0.14 ... 4 mm <sup>2</sup>	0.5 ... 2.5 mm <sup>2</sup>	0.14 ... 4 mm <sup>2</sup>	0.14 ... 4 mm <sup>2</sup>
Series	Han® ES module	Han DD® module	Han DD® Quick Lock module	Han® DDD module
Number of contacts	5	12	12	17
Modules	Cage-clamp terminal 	Crimp terminal 	Quick Lock termination 	Crimp terminal 
Rated current	16 A	10 A	10 A	10 A
Rated voltage	400 V	250 V	250 V	160 V
Wire gauge	0.14 ... 2.5 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>	0.25 ... 1.5 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>
Series	Han® High Density module	Han® D-Sub module		
Number of contacts	25	9		
Modules	Crimp terminal 	Crimp terminal 		
Rated current	4 A	5 A		
Rated voltage	50 V	50 V		
Wire gauge	0.08 ... 0.52 mm <sup>2</sup>	0.08 ... 0.52 mm <sup>2</sup>		

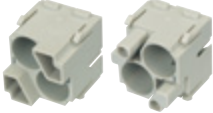






Yellow

# Inserts for adapter frames



Yellow

Series	Han® USB module	Han® GigaBit module		
Number of contacts	4	8		
Modules	USB 2.0	Ethernet Cat. 6		
				

Series	Han-Quintax® module				Han® Multi module
Number of contacts	2				
Modules					
Contacts	<p>Han-Quintax® contact 4 + shielding</p> 	<p>High Density Quintax contact 8 + shielding</p> 	<p>Han D® Coax contact 75 Ω 1 + shielding</p>  <p>75 Ω</p>	<p>Han E® Coax contact 50 Ω 1 + shielding</p>  <p>50 Ω</p>	<p>Coaxial contact</p>  <p>50 Ω RG 174 75 Ω RG 179 50 Ω RG 58</p>

## Features

- Snap-in assembly from mating side and from termination side
- Bus bar within bridge attachments
- Finger safe design
- Fast and tool-less assembly
- Mating compatible to the crimp version

## Technical characteristics

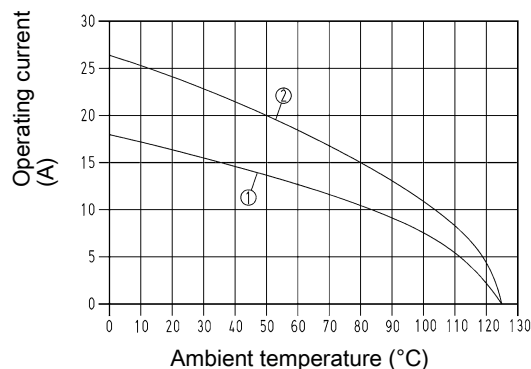
Number of contacts	5
Electrical data acc. to IEC 61984	20 A 500 V 6 kV 3, 10 A 500 V 6 kV 3
Rated current	20 A, 10 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	$\geq 10^{10} \Omega$
Contact resistance	$\leq 2 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	$\geq 500$
Material (insert)	Polycarbonate
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption, compliant
RoHS exemptions	<b>6c:</b> Copper alloy containing up to 4 % lead by weight

## Derating

### 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 acc. to IEC 60512-5-2



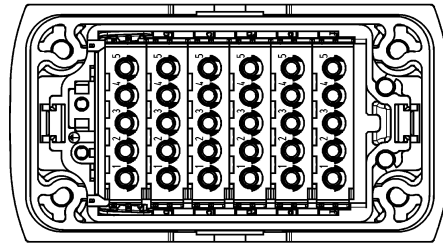
- ① Conductor cross-section 1.5 mm<sup>2</sup>
- ② Conductor cross-section 2.5 mm<sup>2</sup>  
for connector with 3 Han-Yellock® modules, fully loaded (multiplier 1:1)

## Specifications and approvals

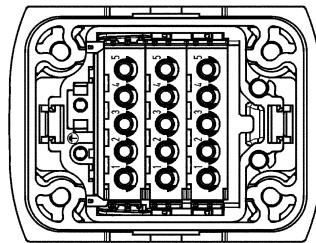
EN 60664-1  
IEC 61984  
UL 1977 ECBT2.E235076  
DNV GL

Yellock

## Details



Placement for Han-Yellock® 60 with 6 Han-Yellock® modules




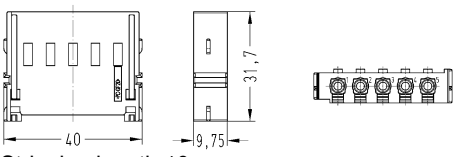

Placement for Han-Yellock® 30 with 3 Han-Yellock® modules

Number of contacts

# 5

20 A 500 V 6 kV 3

Yellowlock

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number	Drawing (dimensions in mm)
<p>Han-<i>Yellowlock</i><sup>®</sup> , Module, Han-Quick Lock<sup>®</sup> termination, 20 A Contact surface: Silver plated</p> 	<p>0,5 ... 2,5</p>	<p>11 05 105 2633</p>	 <p>Stripping length 10 mm</p>
<p>Blue slide</p> <p>Han-<i>Yellowlock</i><sup>®</sup> , Module, Han-Quick Lock<sup>®</sup> termination, 10 A Contact surface: Silver plated</p> 	<p>0,25 ... 1,5</p>	<p>11 05 105 2634</p>	
<p>Black slide</p>			

## Features

- Snap-in assembly from mating side and from termination side
- Wiring with male contacts only
- Bus bar within bridge attachments
- Finger safe design
- Fast and tool-less assembly

## Technical characteristics

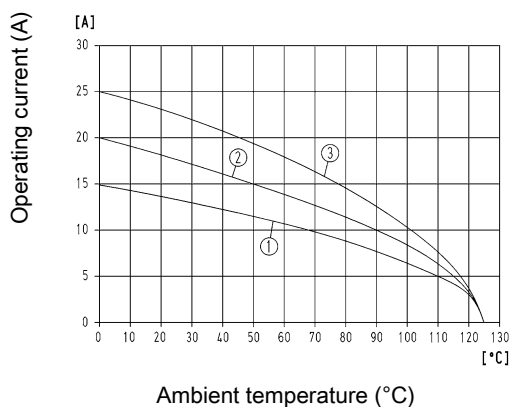
Number of contacts	5
Electrical data acc. to IEC 61984	20 A 500 V 6 kV 3
Rated current	20 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	$\geq 10^{10} \Omega$
Contact resistance	$\leq 2 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	$\geq 500$
Material (insert)	Polycarbonate
Colour (insert)	RAL 7032 (pebble grey), RAL 5015 (sky blue), RAL 3000 (flame red)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant, compliant with exemption
RoHS exemptions	<b>6c:</b> Copper alloy containing up to 4 % lead by weight

## Derating

### 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 acc. to IEC 60512-5-2



- ① Conductor cross-section 1.5 mm<sup>2</sup>
- ② Conductor cross-section 2.5 mm<sup>2</sup>
- ③ Conductor cross-section 4 mm<sup>2</sup>  
for connector with 3 Han-Yellock® modules, fully loaded (multiplier 1:1)

## Specifications and approvals

EN 60664-1  
IEC 61984  
DNV GL

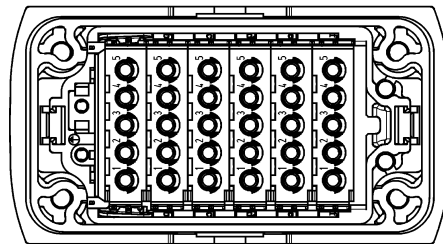
Yellock

## Details

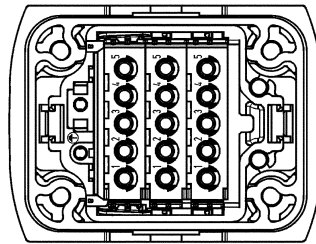
**Crimping tools** see chapter 90

### Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.



Placement for Han-Yellock® 60 with 6 Han-Yellock® modules



Placement for Han-Yellock® 30 with 3 Han-Yellock® modules

Number of contacts

# 5

20 A 500 V 6 kV 3

Yellowlock

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number	Drawing (dimensions in mm)																											
Han- <i>Yellowlock</i> <sup>®</sup> , Module, Crimp termination, Contact surface: Silver plated	0,14 ... 4 0,14 ... 4 0,14 ... 4	11 05 105 3001 11 05 105 3011 11 05 105 3012	 11 05 105 3001 Grey 11 05 105 3011 Blue 11 05 105 3012 Red																											
Han- <i>Yellowlock</i> <sup>®</sup> , Crimp contact, Contact surface: Silver plated	0,14 ... 0,37 0,5 0,75 1 1,5 2,5 3 4	11 05 000 6101 11 05 000 6102 11 05 000 6103 11 05 000 6104 11 05 000 6105 11 05 000 6106 11 05 000 6107 11 05 000 6108																												
Han- <i>Yellowlock</i> <sup>®</sup> , Crimp contact, Contact surface: Gold plated	0,14 ... 0,37 0,5 0,75 1 1,5 2,5 3 4	11 05 000 6121 11 05 000 6122 11 05 000 6123 11 05 000 6124 11 05 000 6125 11 05 000 6126 11 05 000 6127 11 05 000 6128	<table border="1"> <thead> <tr> <th colspan="2">Wire gauge</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm<sup>2</sup></td> <td>AWG 26-22</td> <td>6.5 mm</td> </tr> <tr> <td>0.5 mm<sup>2</sup></td> <td>AWG 20</td> <td>6.5 mm</td> </tr> <tr> <td>0.75 mm<sup>2</sup></td> <td>AWG 18</td> <td>6.5 mm</td> </tr> <tr> <td>1 mm<sup>2</sup></td> <td>AWG 18</td> <td>6.5 mm</td> </tr> <tr> <td>1.5 mm<sup>2</sup></td> <td>AWG 16</td> <td>6.5 mm</td> </tr> <tr> <td>2.5 mm<sup>2</sup></td> <td>AWG 14</td> <td>6.5 mm</td> </tr> <tr> <td>3 mm<sup>2</sup></td> <td>AWG 12</td> <td>6.5 mm</td> </tr> <tr> <td>4 mm<sup>2</sup></td> <td>AWG 12</td> <td>6.5 mm</td> </tr> </tbody> </table> Removal tool 09 99 000 0319 See chapter 90	Wire gauge		Stripping length	0.14-0.37 mm <sup>2</sup>	AWG 26-22	6.5 mm	0.5 mm <sup>2</sup>	AWG 20	6.5 mm	0.75 mm <sup>2</sup>	AWG 18	6.5 mm	1 mm <sup>2</sup>	AWG 18	6.5 mm	1.5 mm <sup>2</sup>	AWG 16	6.5 mm	2.5 mm <sup>2</sup>	AWG 14	6.5 mm	3 mm <sup>2</sup>	AWG 12	6.5 mm	4 mm <sup>2</sup>	AWG 12	6.5 mm
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3 mm <sup>2</sup>	AWG 12	6.5 mm																												
4 mm <sup>2</sup>	AWG 12	6.5 mm																												

## Features

- Up to 3 Han-Yellock® multipliers can be used in one multiplier bloc
- By using the multipliers, the potential of one up to five contacts can be multiplied
- Needs 3 places in the Han-Modular® Docking frame and Hinged frame
- Wiring with male contacts only

## Technical characteristics

Number of contacts	15
Electrical data acc. to IEC 61984	16 A 500 V 6 kV 3
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	$\geq 10^{10} \Omega$
Contact resistance	$\leq 1 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	$\geq 500$
Material (insert)	Polycarbonate
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant, compliant with exemption
RoHS exemptions	<b>6c:</b> Copper alloy containing up to 4 % lead by weight

## Specifications and approvals

EN 60664-1  
IEC 61984

Yellock

## Details

**Crimping tools** see chapter 90

### Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

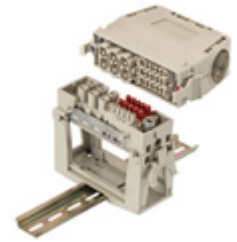
# Multiplier block



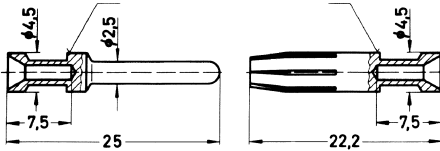


Number of contacts

# 15

16 A 500 V 6 kV 3



Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
Han- <i>Yellock</i> <sup>®</sup> , Multiplier block, Crimp termination   Please order crimp contacts separately.	0,14 ... 4	09 14 015 3001	09 14 015 3101	
Han E <sup>®</sup> , Crimp contact, Contact surface: Silver plated  	0,14 ... 0,37 0,5 0,75 1 1,5 2,5 3 4	09 33 000 6127 09 33 000 6121 09 33 000 6114 09 33 000 6105 09 33 000 6104 09 33 000 6102 09 33 000 6106 09 33 000 6107		



## Features

- Snap-in assembly from mating side and from termination side
- Bus bar within bridge attachments
- Visible bridge position from mating side and from termination side
- Fast and easy exchange

## Technical characteristics

Number of contacts	5
Insulation resistance	$\geq 10^{10} \Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	$\geq 500$
Material (insert)	Polycarbonate
Colour (insert)	RAL 7032 (pebble grey), RAL 3000 (flame red), RAL 5015 (sky blue)
Material flammability class acc. to UL 94	V-0
RoHS	compliant

Yellow


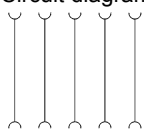
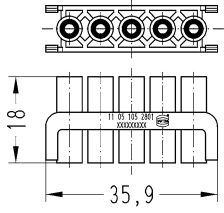
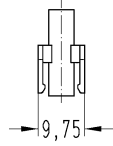

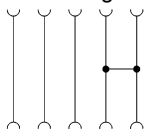
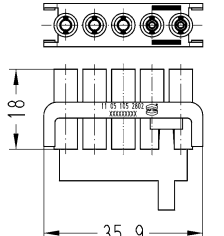
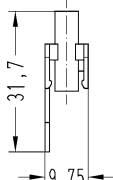

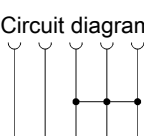
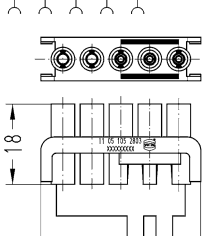
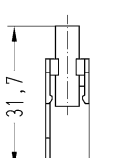
## Specifications and approvals


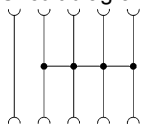
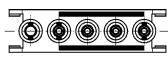
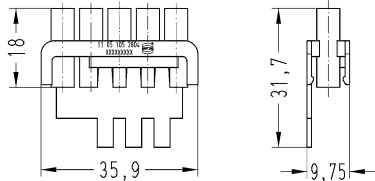
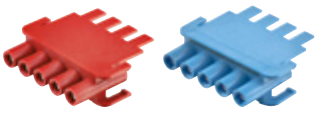
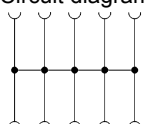
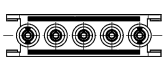
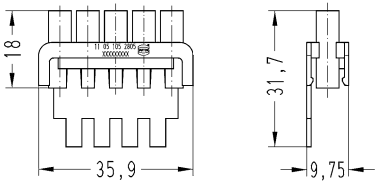

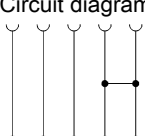

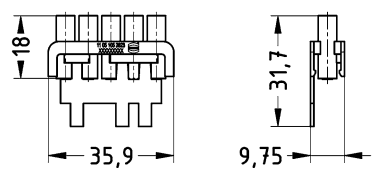
EN 60664-1  
IEC 61984  
UL 1977 ECBT2.E235076  
DNV GL

Number of contacts

# 5

Yellowlock

Identification	Part number	Drawing (dimensions in mm)
<p>Han-<i>Yellowlock</i><sup>®</sup> , Multiplier, 0 Bridged contacts, 5 Unbridged contacts</p> 	<p>11 05 105 2801</p>	<p>Circuit diagram</p>   
<p>Han-<i>Yellowlock</i><sup>®</sup> , Multiplier, 2 Bridged contacts, 3 Unbridged contacts</p> 	<p>11 05 105 2802</p>	<p>Circuit diagram</p>   
<p>Han-<i>Yellowlock</i><sup>®</sup> , Multiplier, 3 Bridged contacts, 2 Unbridged contacts</p> 	<p>11 05 105 2803</p>	<p>Circuit diagram</p>   

Identification	Part number	Drawing (dimensions in mm)
<p>Han-<i>Yellock</i><sup>®</sup>, Multiplier, 4 Bridged contacts, 1 Unbridged contacts</p> 	<p>11 05 105 2804</p>	<p>Circuit diagram</p>   
<p>Han-<i>Yellock</i><sup>®</sup>, Multiplier, 5 Bridged contacts, 0 Unbridged contacts</p> 	<p>11 05 105 2805 11 05 105 2815</p>	<p>Circuit diagram</p>    <p>11 05 105 2805 Red 11 05 105 2815 Blue</p>
<p>Han-<i>Yellock</i><sup>®</sup>, Multiplier, 2 Bridged contacts, 3 Bridged contacts</p> 	<p>11 05 105 2823</p>	<p>Circuit diagram</p>   

Yellock

## Features

- Suitable for Han-Modular® modules
- Fast and tool-less assembly
- Snap-in assembly from mating side and from termination side
- Removal from mating side and from termination side possible

## Technical characteristics

Material (accessories)	Polycarbonate
Colour (accessories)	RAL 7032 (pebble grey)
Material flammability class acc. to UL 94	V-0
RoHS	compliant

## Specifications and approvals

EN 60664-1  
IEC 61984  
DNV GL

## Details

### Han-Yellock® adapter frame

Han-Modular® series interfaces can be established using the Han-Yellock® adapter frame. The connection is based on a male/female contact arrangement.

Inserting the adapter frame in the housing:

The adapter frame can be snapped into the housing, bulkhead mounting, on the termination side and the mating side (refer to the illustration).

The lateral plastic tabs („B“) are pressed into the metal clamps on the housing.

The adapter frame then snaps in with a distinctly audible click.

① metal clamp

### Removal of the adapter frame

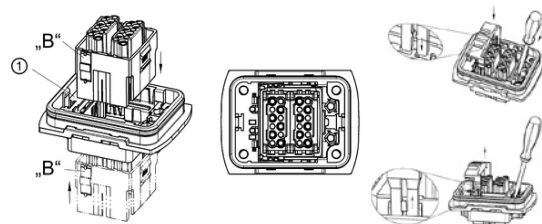
The removal tool part no. 11 99 000 0001 is required for disassembly. (see chapter 90)


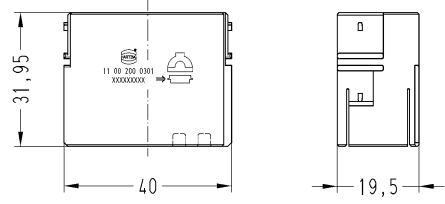

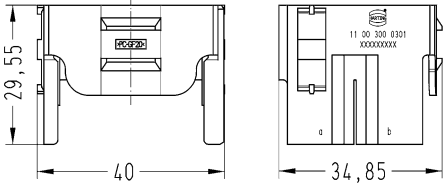

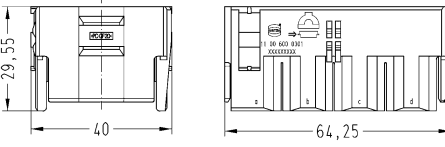

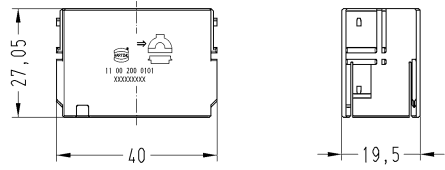
The removal tool is inserted into the metal clamp and pressed down as shown in the following illustration. A screwdriver need also be placed into the notch in the housing.

The removal tool should then be pulled outwards to remove the adapter frame from the housing.

The removal can be made from the termination side as well as from the mating side.

The process is identical for both housings, bulkhead mounting, and carrier hoods.



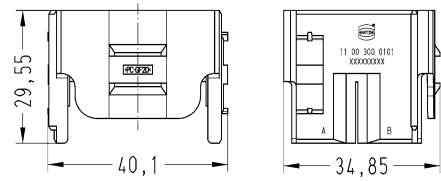
Identification	Part number	Drawing (dimensions in mm)
<p>Han-<i>Yellowlock</i><sup>®</sup> , Adapter frames, for bulkhead mounted housings, for Han-<i>Yellowlock</i><sup>®</sup> 30, for Han-<i>Yellowlock</i><sup>®</sup> 60</p> 	<p>11 00 200 0301</p>	
<p>Mounting/removal from termination side only!</p>		
<p>Han-<i>Yellowlock</i><sup>®</sup> , Adapter frames, for bulkhead mounted housings, for Han-<i>Yellowlock</i><sup>®</sup> 30</p> 	<p>11 00 300 0301</p>	
<p>Han-<i>Yellowlock</i><sup>®</sup> , Adapter frames, for bulkhead mounted housings, for Han-<i>Yellowlock</i><sup>®</sup> 60</p> 	<p>11 00 600 0301</p>	
<p>Han-<i>Yellowlock</i><sup>®</sup> , Adapter frames, for carrier hoods, for Han-<i>Yellowlock</i><sup>®</sup> 30, for Han-<i>Yellowlock</i><sup>®</sup> 60</p> 	<p>11 00 200 0101</p>	
<p>Mounting/removal from termination side only!</p>		

Identification	Part number	Drawing (dimensions in mm)
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**Han-Yellock®**,  
Adapter frames,  
for carrier hoods,  
for Han-Yellock® 30



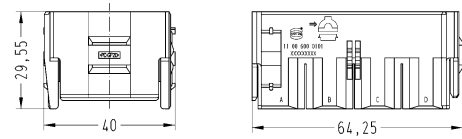
11 00 300 0101



**Han-Yellock®**,  
Adapter frames,  
for carrier hoods,  
for Han-Yellock® 60



11 00 600 0101



Combinations	Han-Yellock® Hood/Housing				
	30	30	60	60	60
Han-Yellock® 20 Adapter frame (for Han-Yellock® 30 und 60)	1		2	1	
Han-Yellock® 30 Adapter frame		1			
Han-Yellock® 60 Adapter frame					1
Han-Yellock® Module	1		2	4	

## Features

- Snap-in assembly from mating side and from termination side
- Finger safe design
- Fast and tool-less assembly

## Technical characteristics

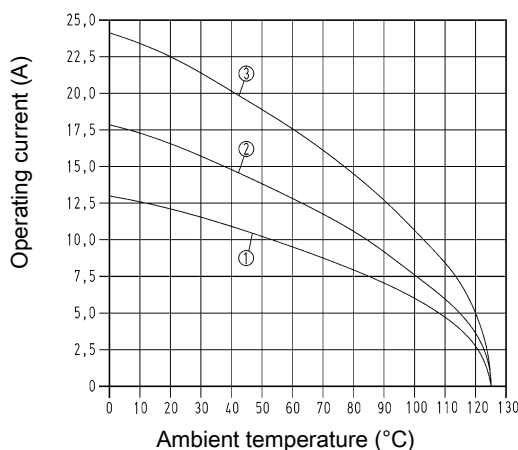
Number of contacts	25, 48
Electrical data acc. to IEC 61984	16 A 500 V 6 kV 3
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	$\geq 10^{10} \Omega$
Contact resistance	$\leq 2 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	$\geq 500$
Material (insert)	Polycarbonate
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant, compliant with exemption
RoHS exemptions	<b>6c:</b> Copper alloy containing up to 4 % lead by weight

## Derating

### Current carrying capacity

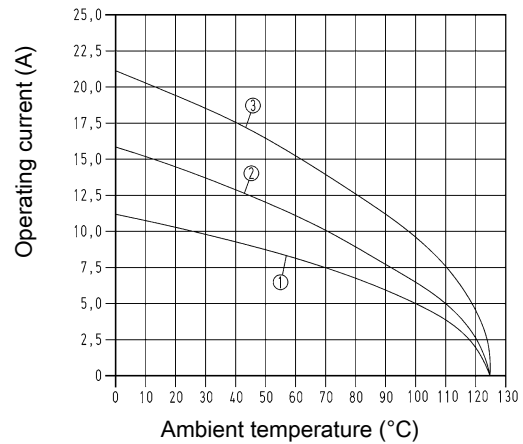
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the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

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Conductor cross-section 1.5 mm<sup>2</sup>
- ② Conductor cross-section 2.5 mm<sup>2</sup>
- ③ Conductor cross-section 4 mm<sup>2</sup>

## Derating



- ① Conductor cross-section 1.5 mm<sup>2</sup>
- ② Conductor cross-section 2.5 mm<sup>2</sup>
- ③ Conductor cross-section 4 mm<sup>2</sup>

## Specifications and approvals

EN 60664-1  
IEC 61984  
UL 1977 ECBT2.E235076  
DNV GL

## Details

**Crimping tools** see chapter 90

### Remarks on the crimp technique


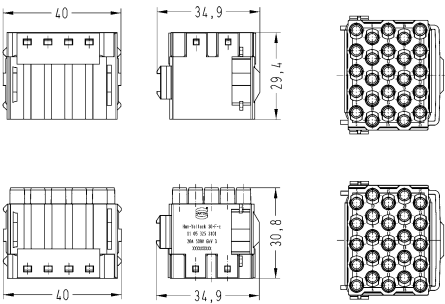

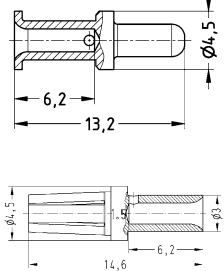

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Number of contacts

**25**

16 A 500 V 6 kV 3

Yellock

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)																											
		Male	Female																												
<p>Han-Yellock® , Monoblock, Crimp termination</p>  <p>Please order crimp contacts separately. ATTENTION! It is not possible to use 2 monoblocks 30 in the Han-Yellock® 60 series!</p>	0,14 ... 4	11 05 325 3001	11 05 325 3101																												
<p>Han-Yellock® , Crimp contact, Contact surface: Silver plated</p> 	0,14 ... 0,37 0,5 0,75 1 1,5 2,5 3 4	11 05 000 6101 11 05 000 6102 11 05 000 6103 11 05 000 6104 11 05 000 6105 11 05 000 6106 11 05 000 6107 11 05 000 6108	11 05 000 6201 11 05 000 6202 11 05 000 6203 11 05 000 6204 11 05 000 6205 11 05 000 6206 11 05 000 6207 11 05 000 6208																												
<p>Han-Yellock® , Crimp contact, Contact surface: Gold plated</p> 	0,14 ... 0,37 0,5 0,75 1 1,5 2,5 3 4	11 05 000 6121 11 05 000 6122 11 05 000 6123 11 05 000 6124 11 05 000 6125 11 05 000 6126 11 05 000 6127 11 05 000 6128	11 05 000 6221 11 05 000 6222 11 05 000 6223 11 05 000 6224 11 05 000 6225 11 05 000 6226 11 05 000 6227 11 05 000 6228	<table border="1"> <thead> <tr> <th colspan="2">Wire gauge</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm<sup>2</sup></td> <td>AWG 26-22</td> <td>6.5 mm</td> </tr> <tr> <td>0.5 mm<sup>2</sup></td> <td>AWG 20</td> <td>6.5 mm</td> </tr> <tr> <td>0.75 mm<sup>2</sup></td> <td>AWG 18</td> <td>6.5 mm</td> </tr> <tr> <td>1 mm<sup>2</sup></td> <td>AWG 18</td> <td>6.5 mm</td> </tr> <tr> <td>1.5 mm<sup>2</sup></td> <td>AWG 16</td> <td>6.5 mm</td> </tr> <tr> <td>2.5 mm<sup>2</sup></td> <td>AWG 14</td> <td>6.5 mm</td> </tr> <tr> <td>3 mm<sup>2</sup></td> <td>AWG 12</td> <td>6.5 mm</td> </tr> <tr> <td>4 mm<sup>2</sup></td> <td>AWG 12</td> <td>6.5 mm</td> </tr> </tbody> </table> <p>Removal tool 09 99 000 0319 See chapter 90</p>	Wire gauge		Stripping length	0.14-0.37 mm <sup>2</sup>	AWG 26-22	6.5 mm	0.5 mm <sup>2</sup>	AWG 20	6.5 mm	0.75 mm <sup>2</sup>	AWG 18	6.5 mm	1 mm <sup>2</sup>	AWG 18	6.5 mm	1.5 mm <sup>2</sup>	AWG 16	6.5 mm	2.5 mm <sup>2</sup>	AWG 14	6.5 mm	3 mm <sup>2</sup>	AWG 12	6.5 mm	4 mm <sup>2</sup>	AWG 12	6.5 mm
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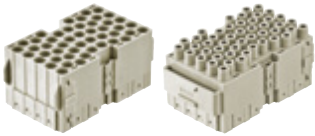
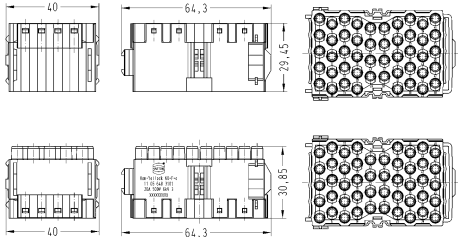

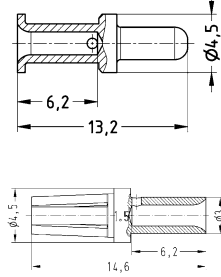



Number of contacts

# 48

16 A 500 V 6 kV 3

Yellow

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)																											
		Male	Female																												
Han-Yellock®, Monoblock, Crimp termination  <p>Please order crimp contacts separately.</p>	0,14 ... 4	11 05 648 3001	11 05 648 3101																												
Han-Yellock®, Crimp contact, Contact surface: Silver plated 	0,14 ... 0,37 0,5 0,75 1 1,5 2,5 3 4	11 05 000 6101 11 05 000 6102 11 05 000 6103 11 05 000 6104 11 05 000 6105 11 05 000 6106 11 05 000 6107 11 05 000 6108	11 05 000 6201 11 05 000 6202 11 05 000 6203 11 05 000 6204 11 05 000 6205 11 05 000 6206 11 05 000 6207 11 05 000 6208																												
Han-Yellock®, Crimp contact, Contact surface: Gold plated 	0,14 ... 0,37 0,5 0,75 1 1,5 2,5 3 4	11 05 000 6121 11 05 000 6122 11 05 000 6123 11 05 000 6124 11 05 000 6125 11 05 000 6126 11 05 000 6127 11 05 000 6128	11 05 000 6221 11 05 000 6222 11 05 000 6223 11 05 000 6224 11 05 000 6225 11 05 000 6226 11 05 000 6227 11 05 000 6228	<table border="1"> <thead> <tr> <th colspan="2">Wire gauge</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm<sup>2</sup></td> <td>AWG 26-22</td> <td>6.5 mm</td> </tr> <tr> <td>0.5 mm<sup>2</sup></td> <td>AWG 20</td> <td>6.5 mm</td> </tr> <tr> <td>0.75 mm<sup>2</sup></td> <td>AWG 18</td> <td>6.5 mm</td> </tr> <tr> <td>1 mm<sup>2</sup></td> <td>AWG 18</td> <td>6.5 mm</td> </tr> <tr> <td>1.5 mm<sup>2</sup></td> <td>AWG 16</td> <td>6.5 mm</td> </tr> <tr> <td>2.5 mm<sup>2</sup></td> <td>AWG 14</td> <td>6.5 mm</td> </tr> <tr> <td>3 mm<sup>2</sup></td> <td>AWG 12</td> <td>6.5 mm</td> </tr> <tr> <td>4 mm<sup>2</sup></td> <td>AWG 12</td> <td>6.5 mm</td> </tr> </tbody> </table> <p>Removal tool 09 99 000 0319 See chapter 90</p>	Wire gauge		Stripping length	0.14-0.37 mm <sup>2</sup>	AWG 26-22	6.5 mm	0.5 mm <sup>2</sup>	AWG 20	6.5 mm	0.75 mm <sup>2</sup>	AWG 18	6.5 mm	1 mm <sup>2</sup>	AWG 18	6.5 mm	1.5 mm <sup>2</sup>	AWG 16	6.5 mm	2.5 mm <sup>2</sup>	AWG 14	6.5 mm	3 mm <sup>2</sup>	AWG 12	6.5 mm	4 mm <sup>2</sup>	AWG 12	6.5 mm
Wire gauge		Stripping length																													
0.14-0.37 mm <sup>2</sup>	AWG 26-22	6.5 mm																													
0.5 mm <sup>2</sup>	AWG 20	6.5 mm																													
0.75 mm <sup>2</sup>	AWG 18	6.5 mm																													
1 mm <sup>2</sup>	AWG 18	6.5 mm																													
1.5 mm <sup>2</sup>	AWG 16	6.5 mm																													
2.5 mm <sup>2</sup>	AWG 14	6.5 mm																													
3 mm <sup>2</sup>	AWG 12	6.5 mm																													
4 mm <sup>2</sup>	AWG 12	6.5 mm																													

## Features

- Hoods/housings for industrial applications
- Highly EMC resistant
- High robustness due to internal locking mechanism
- Compatible with inserts size Han® 3 A

## Technical characteristics

Un-/locking temperature	-10 ... +85 °C
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65, IP67
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Powder-coated, Zinc passivation
Colour (hood/housing)	RAL 7021 (black grey), Metallic
Material (seal)	NBR
Material (locking)	Polyamide, Stainless steel
Colour (locking)	Melon yellow
Material flammability class acc. to UL 94	V-0
RoHS	compliant

## Specifications and approvals


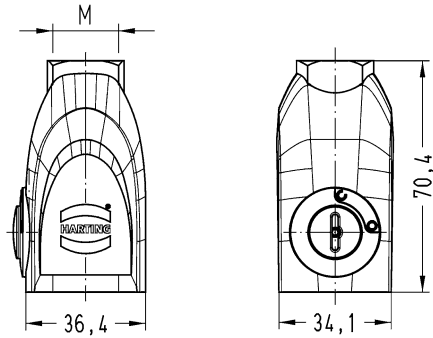

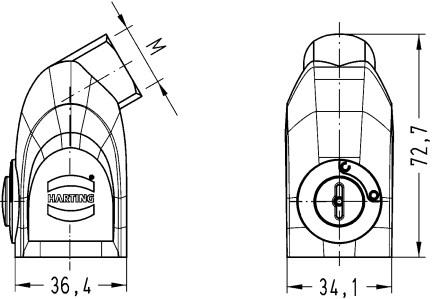

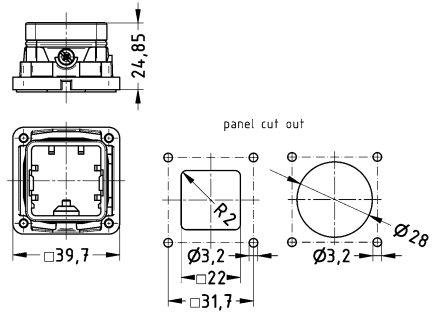

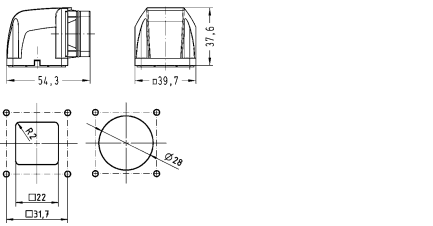
EN 60664-1  
IEC 61984  
DNV GL

## Details

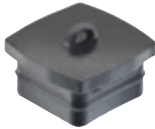
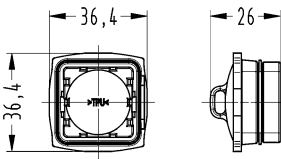

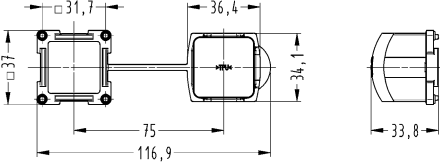

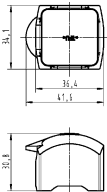
For use with inserts Han® Q, the seal on the insert has to be removed.

Hoods/housings for industrial applications  
Push button

Yellock

Identification	Cable entry	Part number	Drawing (dimensions in mm)
<p>Han-Yellock® , Hoods, Top entry</p> 	<p>1x M20 1x M25</p>	<p>11 20 003 1400 11 20 003 1401</p>	
<p>Han-Yellock® , Hoods, Side entry</p> 	<p>1x M20 1x M25</p>	<p>11 20 003 1600 11 20 003 1601</p>	
<p>Han-Yellock® , Bulkhead mounted housings, Straight</p> 		<p>11 20 003 0300</p>	
<p>Han-Yellock® , Bulkhead mounted housings, Angled</p> 		<p>11 20 003 0800</p>	

Yellock

Identification	Cable entry	Part number	Drawing (dimensions in mm)
<p>Han-<i>Yellock</i>®, Protection cover, for hoods, Thermoplastic</p> 		11 20 003 5456	
<p>Han-<i>Yellock</i>®, Protection cover, for bulkhead mounted housings, Thermoplastic, With seal</p> 		11 20 003 5406	
<p>Han-<i>Yellock</i>®, Protection cover, for bulkhead mounted housings, Thermoplastic</p> 		11 20 003 5407	

## Features

- for three Han-Yellock® modules
- High robustness due to internal locking mechanism
- Two-part hood
- Earthed contacts PE in crimped or Han-Quick Lock® termination
- Protection cover retrofit on housing side

## Technical characteristics

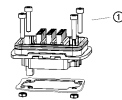
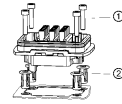
Un-/locking temperature	-10 ... +85 °C
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65, IP67
Material (hood/housing)	Zinc die-cast, Aluminium die-cast
Surface (hood/housing)	Zinc passivation, Powder-coated, Passivated
Colour (hood/housing)	Metallic, RAL 7021 (black grey), RAL 9005 (jet black)
Material (seal)	NBR
Material (locking)	Polyamide, Stainless steel
Colour (locking)	Melon yellow
Material flammability class acc. to UL 94	V-0
RoHS	compliant

## Specifications and approvals

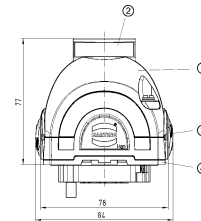
EN 60664-1  
IEC 61984  
DNV GL

Yellock

## Details




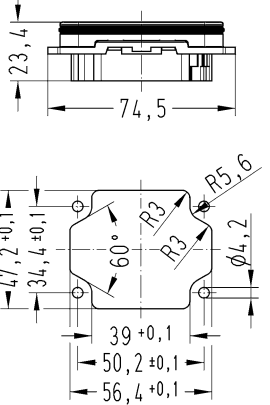

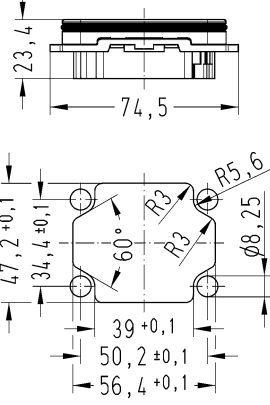
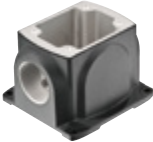
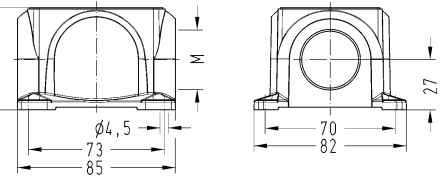
- ① M4 fixing screw (screw length > 20 mm, tightening torque: 1Nm)
- ② Panel fastener (tightening torque: 2.3 Nm)


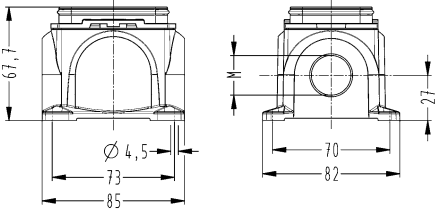

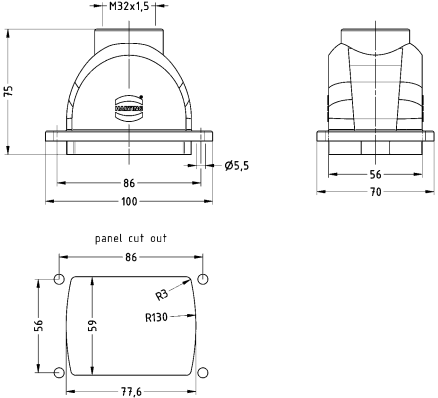

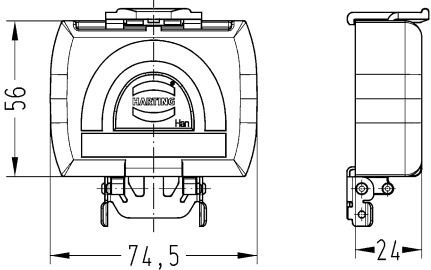


- ① Shell with top entry
- ② Cable entry M20 ... M40
- ③ Carrier hood with push button release
- ④ Bulkhead mounted housings

Hoods/housings for industrial applications

Yellock

Identification	Cable entry	Part number	Drawing (dimensions in mm)
<p>Han-<i>Yellock</i>® , Bulkhead mounted housings</p> 		11 12 300 0301	
<p>Han-<i>Yellock</i>® , Bulkhead mounted housings, Pack contents: incl. 4 panel fastener</p> 		11 12 300 0302	
<p>Han-<i>Yellock</i>® , Surface mounted housing, Side entry</p> 	<p>1x M20 1x M25 1x M32 2x M20 2x M25 2x M32</p>	<p>11 12 300 1200 11 12 300 1201 11 12 300 1202 11 12 300 1204 11 12 300 1205 11 12 300 1206</p>	

Identification	Cable entry	Part number	Drawing (dimensions in mm)
<p>Han-Yellock®, Surface mounted housing, incl. bulkhead mounted housings, Side entry</p> 	<p>1x M20 1x M25 1x M32 2x M20 2x M25 2x M32</p>	<p>11 12 300 1210 11 12 300 1211 11 12 300 1212 11 12 300 1214 11 12 300 1215 11 12 300 1216</p>	
<p>Han-Yellock®, Panel feed through housing, Top entry</p> 	<p>1x M32</p>	<p>11 12 300 1702</p>	
<p>Han-Yellock®, Protection cover, for bulkhead mounted housings, Thermoplastic</p> 		<p>11 12 300 5401</p>	

Hoods/housings for industrial applications  
Push button

Yellock



Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han-Yellock® , Shell, Top entry	1x M20 1x M25 1x M32	11 12 300 1400 11 12 300 1401 11 12 300 1402	
Han-Yellock® , Shell, Side entry	1x M20 1x M25 1x M32	11 12 300 1500 11 12 300 1501 11 12 300 1502	
Han-Yellock® , Shell, White, Side entry	1x M20	11 12 300 1510	
Han-Yellock® , Shell, EMC version, Side entry	1x M25	11 12 300 1581	
Han-Yellock® , Shell, Angled entry	1x M20 1x M25 1x M32	11 12 300 1600 11 12 300 1601 11 12 300 1602	



Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han- <i>Yellock</i> ®, Carrier hood, Plain push button		11 12 300 0100	
Han- <i>Yellock</i> ®, Carrier hood, Push button, slot		11 12 300 0110	
Han- <i>Yellock</i> ®, Protection cover, for carrier hoods, With fixing cord, Thermoplastic		11 12 300 5451	

Hoods/housings for outdoor applications

Yellock

Identification	Part number	Drawing (dimensions in mm)
Han- <i>Yellock</i> ® , Bulkhead mounted housings 	11 13 300 0301	
Han- <i>Yellock</i> ® , Bulkhead mounted housings, Pack contents: incl. 4 panel fastener 	11 13 300 0302	

Hoods/housings for outdoor applications  
Push button

Yellock

Identification	Cable entry	Part number	Drawing (dimensions in mm)
Han-Yellock® , Shell, Top entry	1x M25	11 13 300 1401	
Han-Yellock® , Shell, Side entry	1x M25	11 13 300 1501	
Han-Yellock® , Shell, Angled entry	1x M25	11 13 300 1601	
Han-Yellock® , Carrier hood, Plain push button		11 13 300 0100	
Han-Yellock® , Carrier hood, Push button, slot		11 13 300 0110	

## Features

- for six Han-Yellock® modules
- High robustness due to internal locking mechanism
- Two-part hood
- Earthed contacts PE in crimped or Han-Quick Lock® termination
- Protection cover retrofit on housing side

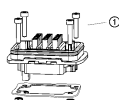
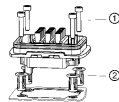
## Technical characteristics

Un-/locking temperature	-10 ... +85 °C
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65, IP67
Material (hood/housing)	Zinc die-cast, Aluminium die-cast
Surface (hood/housing)	Passivated, Powder-coated
Colour (hood/housing)	Metallic, RAL 7021 (black grey), RAL 9005 (jet black)
Material (seal)	NBR
Material (locking)	Polyamide, Stainless steel
Colour (locking)	Melon yellow
Material flammability class acc. to UL 94	V-0
RoHS	compliant

## Specifications and approvals


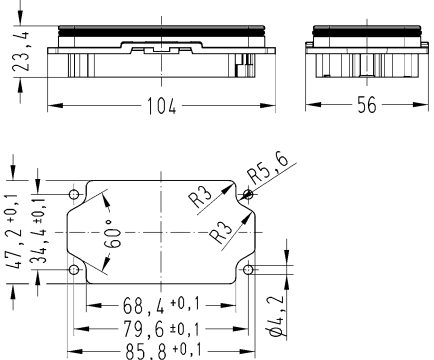

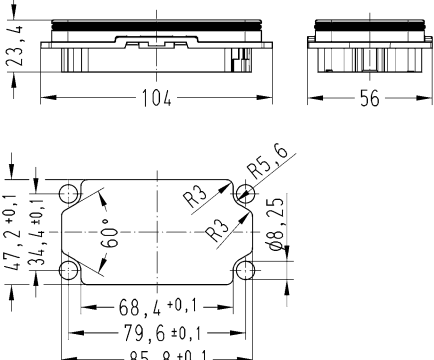

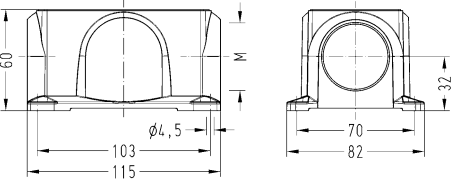

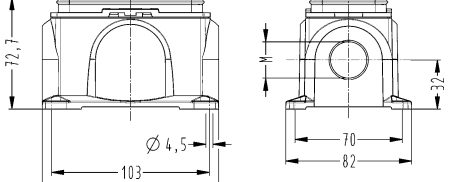
EN 60664-1  
IEC 61984  
DNV GL

## Details


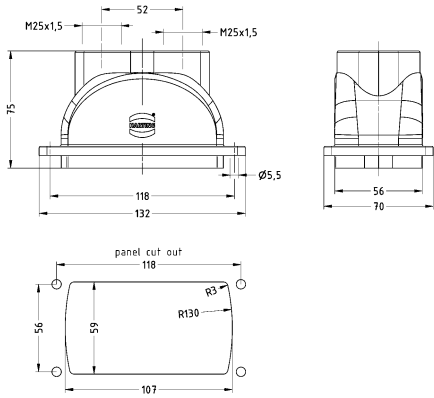

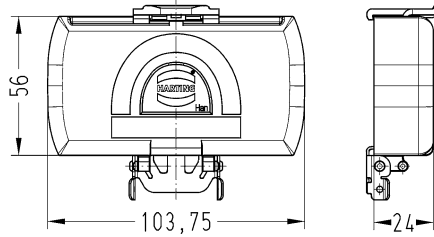


- ① M4 fixing screw (screw length > 20 mm, tightening torque: 1Nm)
- ② Panel fastener (tightening torque: 2.3 Nm)

Hoods/housings for industrial applications


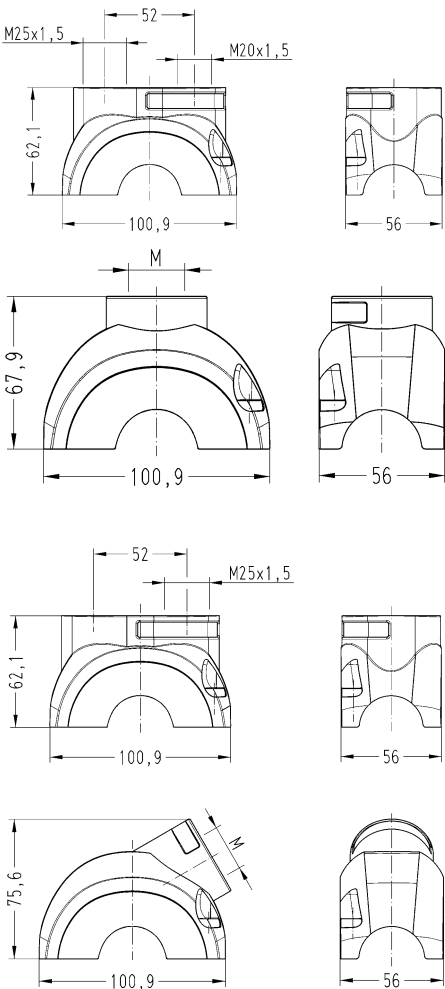

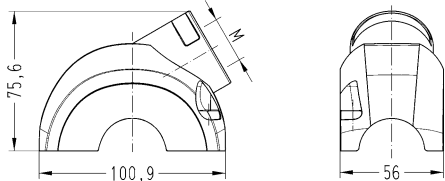

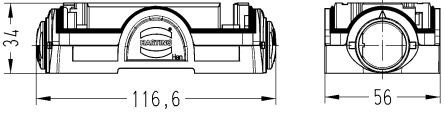
Identification	Cable entry	Part number	Drawing (dimensions in mm)
<p>Han-Yellock®, Bulkhead mounted housings</p> 		11 12 600 0301	
<p>Han-Yellock®, Bulkhead mounted housings, Pack contents: incl. 4 panel fastener</p> 		11 12 600 0302	
<p>Han-Yellock®, Surface mounted housing, Side entry</p> 	<p>1x M25 1x M32 1x M40 2x M25 2x M32 2x M40</p>	<p>11 12 600 1201 11 12 600 1202 11 12 600 1203 11 12 600 1205 11 12 600 1206 11 12 600 1207</p>	
<p>Han-Yellock®, Surface mounted housing, incl. bulkhead mounted housings, Side entry</p> 	<p>1x M25 1x M32 1x M40 2x M25 2x M32 2x M40</p>	<p>11 12 600 1211 11 12 600 1212 11 12 600 1213 11 12 600 1215 11 12 600 1216 11 12 600 1217</p>	

Yellock


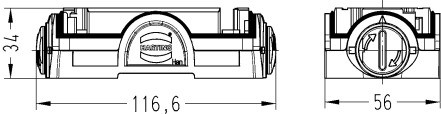

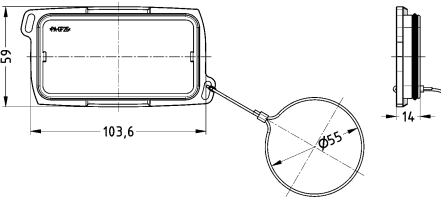
Identification	Cable entry	Part number	Drawing (dimensions in mm)
<p>Han-<i>Yellock</i>®, Panel feed through housing, Top entry</p> 	<p>2x M25</p>	<p>11 12 600 1711</p>	
<p>Han-<i>Yellock</i>®, Protection cover, for bulkhead mounted housings, Thermoplastic</p> 		<p>11 12 600 5401</p>	

Hoods/housings for industrial applications  
Push button

Yellock

Identification	Cable entry	Part number	Drawing (dimensions in mm)
<p>Han-Yellock® , Shell, Top entry</p> 	<p>1x M20, 1x M25 1x M25 1x M32 1x M40 2x M25</p>	<p>11 12 600 1415 11 12 600 1401 11 12 600 1402 11 12 600 1403 11 12 600 1411</p>	
<p>Han-Yellock® , Shell, Side entry</p> 	<p>1x M25 1x M32 1x M40</p>	<p>11 12 600 1501 11 12 600 1502 11 12 600 1503</p>	
<p>Han-Yellock® , Carrier hood, Plain push button</p> 		<p>11 12 600 0100</p>	

Yellock

Identification	Cable entry	Part number	Drawing (dimensions in mm)
<p>Han-<i>Yellock</i>®, Carrier hood, Push button, slot</p> 		11 12 600 0110	
<p>Han-<i>Yellock</i>®, Protection cover, for carrier hoods, With fixing cord, Thermoplastic</p> 		11 12 600 5451	




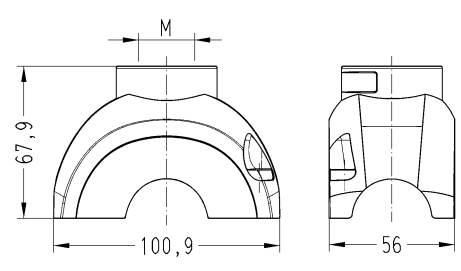

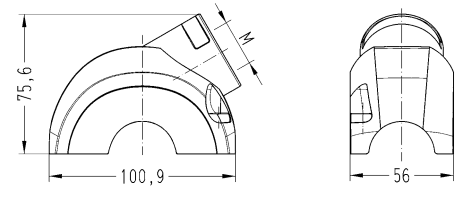

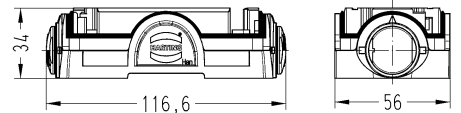

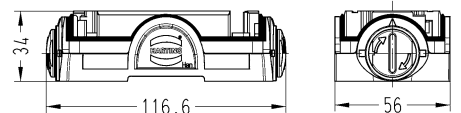
Hoods/housings for outdoor applications

Yellock

Identification	Part number	Drawing (dimensions in mm)
Han- <i>Yellock</i> ®, Bulkhead mounted housings	11 13 600 0301	
Han- <i>Yellock</i> ®, Bulkhead mounted housings, Pack contents: incl. 4 panel fastener	11 13 600 0302	

Hoods/housings for outdoor applications  
Push button

Yellock


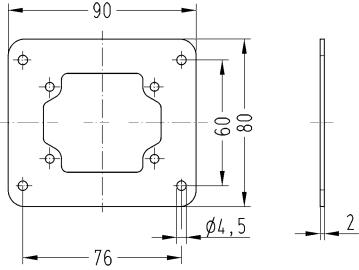

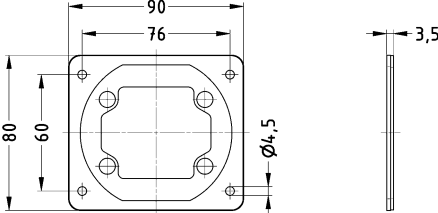

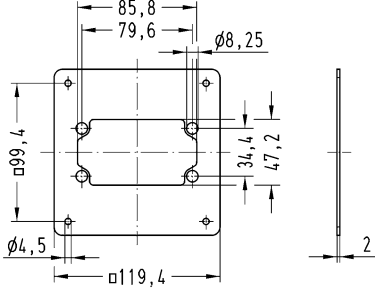
Identification	Cable entry	Part number	Drawing (dimensions in mm)	
Han- <i>Yellock</i> ® , Shell, Top entry  	1x M32 1x M40	11 13 600 1402 11 13 600 1403		
Han- <i>Yellock</i> ® , Shell, Side entry  	1x M32	11 13 600 1502		
Han- <i>Yellock</i> ® , Carrier hood, Plain push button  		11 13 600 0100		
Han- <i>Yellock</i> ® , Carrier hood, Push button, slot  		11 13 600 0110		

## Technical characteristics

Material (seal) NBR  
 Colour (seal) Black

## Technical characteristics

Material (accessories) Steel, zinc plated,  
 Thermoplastic compliant  
 RoHS

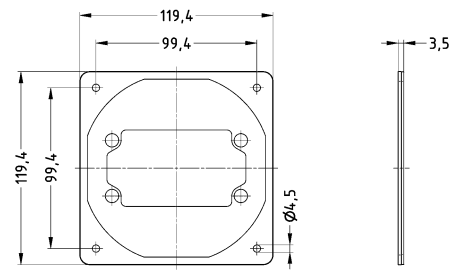
Identification	Part number	Drawing (dimensions in mm)
Adapter plate, for Han- <i>Yellowlock</i> ® 30    Circular 68 mm punch for Han- <i>Yellowlock</i> ® panel cut out	11 00 300 9601	
Adapter plate, for Han- <i>Yellowlock</i> ® 30, With seal  	11 00 300 9603	
Adapter plate, for Han- <i>Yellowlock</i> ® 60  	11 00 600 9601	

Identification	Part number	Drawing (dimensions in mm)
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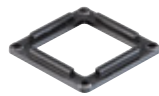
Adapter plate,  
for Han-*Yellock*® 60,  
With seal



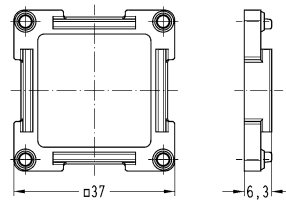
11 00 600 9603



Flange gasket,  
for Han-*Yellock*® 10



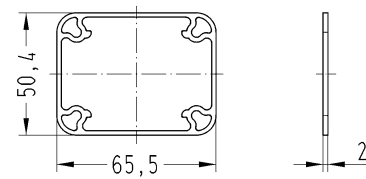
11 20 003 9904



Flange gasket,  
for Han-*Yellock*® 30



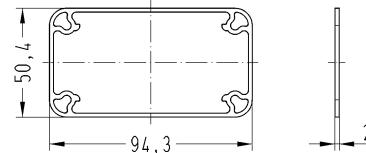
11 00 300 9503



Flange gasket,  
for Han-*Yellock*® 60



11 00 600 9503



Profile gasket,  
for Han-*Yellock*® 10

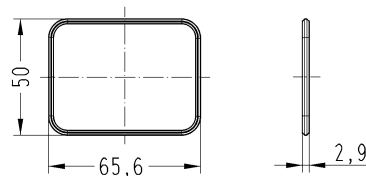


11 20 003 9905

Profile gasket,  
for Han-*Yellock*® 30



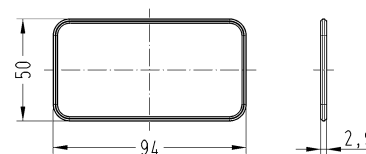
11 00 300 9501



Profile gasket,  
for Han-*Yellock*® 60







11 00 600 9501



Identification	Part number	Drawing (dimensions in mm)
Shaped gasket, for Han- <i>Yellowlock</i> ® 30	11 00 300 9502	
Shaped gasket, for Han- <i>Yellowlock</i> ® 60	11 00 600 9502	
Shielding frame, for Han- <i>Yellowlock</i> ® 30, for strain relief clamp	11 12 300 5201	
Shielding frame, for Han- <i>Yellowlock</i> ® 30, Earthing with saddle terminals	11 12 300 5202	
Shielding frame, for Han- <i>Yellowlock</i> ® 60, for strain relief clamp	11 12 600 5201	
Han- <i>Yellowlock</i> ® , Coding element, Pack contents: 8 pieces per frame	11 00 000 9501	

Yellowlock

Identification	Part number	Drawing (dimensions in mm)
<p>Fixing screws, M3, for Han- <i>Yellowlock</i>® 10</p> 	11 20 003 9903	
<p>Identification strip, Pack contents: 500 pieces on a reel</p> 	11 00 000 9601	
<p>PE / N rail, Suitable for Han- <i>Yellowlock</i>® 30 surface mounted housing, Pack contents: 1 bar with fixing screws</p> 	11 00 000 9512	
<p>PE / N rail, Suitable Han- <i>Yellowlock</i>® 60 surface mounted housing, Pack contents: 1 bar with fixing screws</p> 	11 00 000 9511	

## Technical characteristics

Contact resistance	≤2 mΩ
Material (contacts)	Copper alloy
RoHS	compliant with exemption
RoHS exemptions	<b>6c:</b> Copper alloy containing up to 4 % lead by weight

## Specifications and approvals


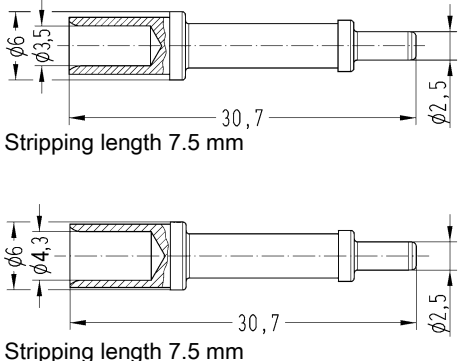

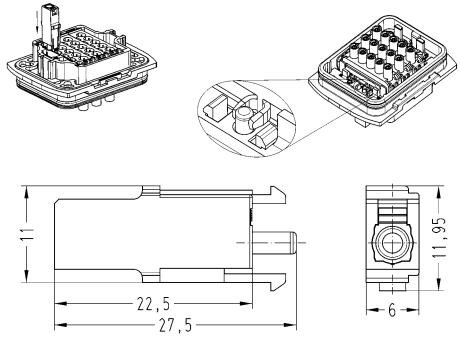
EN 60664-1  
IEC 61984

## Details

**Crimping tools** see chapter 90

### Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number	Drawing (dimensions in mm)
<p>Han-<i>Yellowlock</i><sup>®</sup>, Crimp termination, PE contact, Contact surface: Silver plated</p> 	6 10	11 00 000 9509 11 00 000 9510	 <p>Stripping length 7.5 mm</p> <p>Stripping length 7.5 mm</p>
<p>Han-<i>Yellowlock</i><sup>®</sup>, Han-Quick Lock<sup>®</sup> termination, PE contact chamber, Contact surface: Silver plated</p> 	0,5 ... 2,5	11 05 001 2601	 <p>Stripping length 10 mm</p>



**25**  
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**48** The KR 6 R900 sixx (KR AGILUS) with Han-Yello<sup>®</sup> combines functional design and high technical requirements.

Photo courtesy: KUKA Roboter GmbH