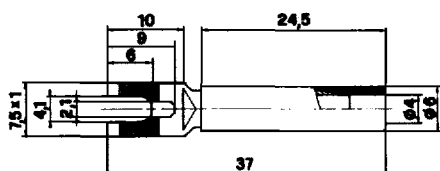


20 - green/yellow 21 - black 22 - red 23 - blue 24 - yellow 25 - green 26 - violet 27 - brown 28 - gray 29 - white 33 - transparent

Part No.	Type	Nominal diameter	Withdraw. force	Rated current	Contact resistance
----------	------	------------------	-----------------	---------------	--------------------

3.0480 B 4-I/KS



4 mm

-

-

-

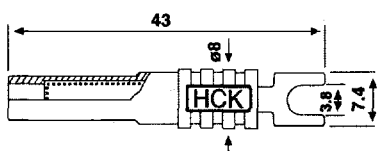
Adapter suitable for screw terminals with screw diameter up to 3.6 mm (.141 in) dia. Socket fits any commercial spring-loaded 4 mm (.160 in) dia. plug. Made of brass, nickel plated with PA (polyamide) insulation.

Operating temperature: -40°C to +80°C
(-40°F to 176°F)

Colors: 21 - 24

1:1

6.9690 XKS-4



4 mm

-

20 A

-

Safety spade terminal, rated 1000 V, CAT II, 20 A, has a tin-plated solid copper spade especially designed for terminal strips, with an in-line safety socket.

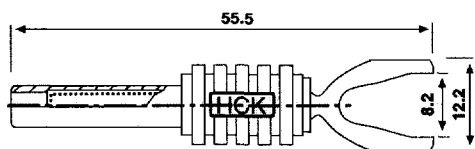


During installation, the terminal must be at zero potential.

Colors: 21 - 27, 29

1:1

6.9126 XKS-A



4 mm

-

20 A

-

Safety spade terminal, rated 1000 V, CAT II, 20 A, has a nickel-plated brass spade especially designed for binding posts, with an in-line safety socket.

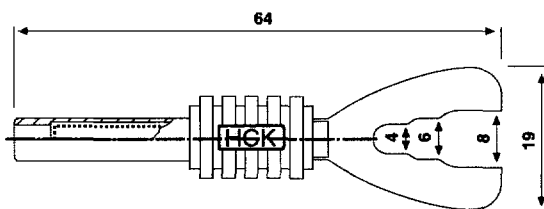


During installation, the terminal must be at zero potential.

Colors: 21 - 27, 29

1:1

6.9691 XKS-8 N



4 mm

-

30 A

-

Safety spade terminal, rated 1000 V, CAT II, 30 A, has a nickel-plated brass spade especially designed for screw terminals, with an in-line safety socket.



During installation, the terminal must be at zero potential.

Colors: 21 - 27, 29

1:1

20 - green/yellow 21 - black 22 - red 23 - blue 24 - yellow 25 - green 26 - violet 27 - brown 28 - gray 29 - white 33 - transparent

Nominal
diameter

Withdraw.
force

Rated
current

Contact
resistance

Type

Part No

2 mm
4 mm

-

19 A
32 A

-

KK 2/4
KK 4/4

24.0141
(KK 2/4)

Universal coupler KK 2/4 with 2 mm (.080 in) dia. socket on one end 4 mm (.160 in) dia. socket on other end and KK 4/4 with 4 mm (.160 in) dia. sockets on both ends.

Ratings for KK 2/4:

- Test voltage: 500 V
- Operating temperature: -10°C to +80°C
(14°F to 176°F)

Ratings for KK 4/4:

- Rated voltage: 1000 V
(valid only when connected to MC safety plugs.)
- Insulation coordination: 6000 V/2
- Test voltage: 3250 V
- Operating temperature: -10°C to +80°C
(14°F to 176°F)

Colors: 21 - 24

1:2

4 mm

-

20 A

-

Safety in-line coupler, rated 1000 V, CAT II, 20 A, has a special profile on the central section to ensure a secure connection is maintained when extending safety test leads.

Colors: 21 - 27, 19

XHK

66.9123



1:1

4 mm
2 mm

-

-

-



RS-4/2 A

63.9226



1:1



AS-2/4

63.9227



1:1

2mm Multilam™ plug and 4mm rigid socket which accepts all HCK standard and shrouded 4mm plugs. Polyamide 6.6 insulation.

Weight: 3.7 g.

Colors: 21 - 23

4 mm
2 mm

-

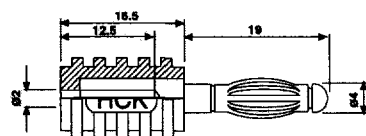
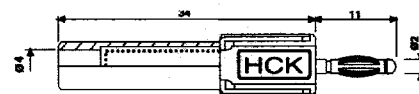
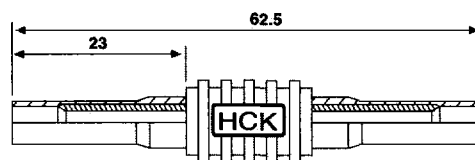
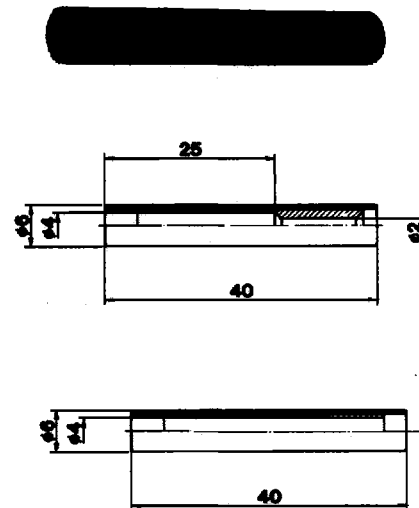
-

-

Adapter with 4mm Multilam™ plug and 2mm socket to accept Multilam™ or hollow plugs. The adapter's low profile provides a space saving connection.

Weight: 4.2 g.

Colors: 21 - 23



Part No.	Type		Nominal diameter	Withdraw. force	Rated current	Contact resistance
----------	------	--	------------------	-----------------	---------------	--------------------

22.5163 LS 410-I



4 mm

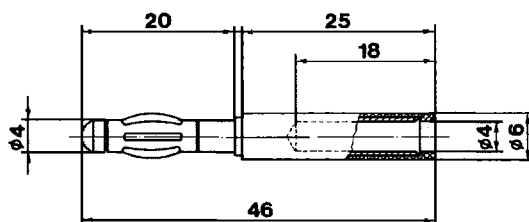
-

25 A

0.8 mΩ



Multilam™ plug 4 mm (.160 in) dia. with in-line socket 4 mm (.160 in) dia.
Nickel plated.
Polyamide insulated.



Colors: 21, 22

1:1

36.9129 KSA-4/19
KSA-4/19



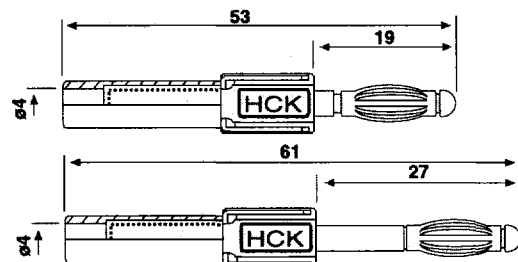
4 mm

-

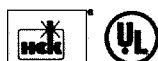
30 A

-

36.9128 KSA-4/27
KSA-4/27



Low voltage adapters, rated 30 V_{AC} / 60 V_{DC}, CAT II, 30A, have an insulated safety socket and a 4 mm Multilam™ plug. Two different lengths of plugs are available. The longer 27 mm plug (KSA-4/27) is especially suitable for deep mounted sockets. These adapters are fitted with a low withdrawal force Multilam™ so that the adaptor is retained on the lead when disconnecting it from the instrument



When using this adapter with safety test leads, the overall voltage rating is reduced to 30 V_{AC} / 60 V_{DC}.

1:1

Colors: 21 - 25

36.9122 XUG

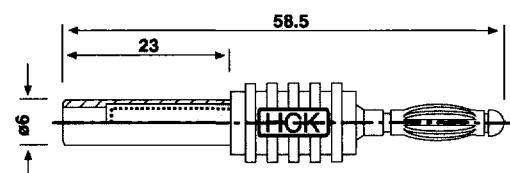


4 mm

-

30 A

-



Low voltage adapter, rated 30 V_{AC} / 60 V_{DC}, CAT II, 30A, with an insulated safety socket and a 4 mm Multilam™ plug. The adapter is fitted with high withdrawal force Multilam™ so that the adapter is retained in the socket when disconnecting the lead.

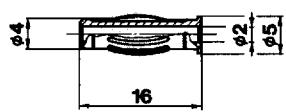
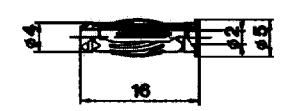
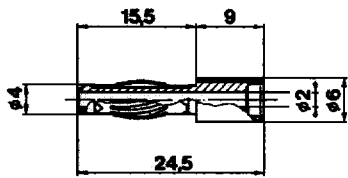
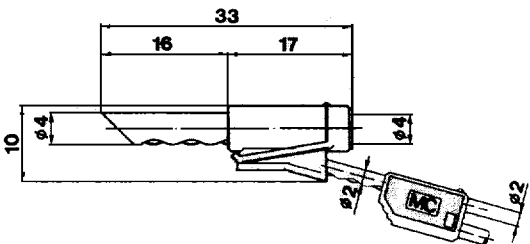
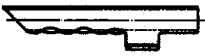
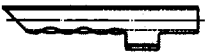
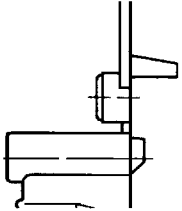
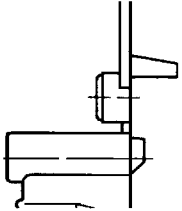


When using this adapter with safety test leads, the overall voltage rating is reduced to 30 V_{AC} / 60 V_{DC}.

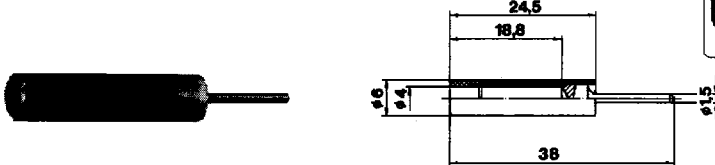
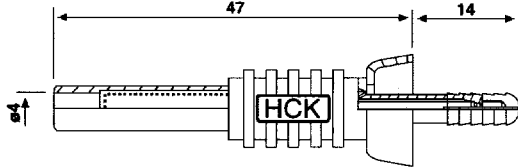
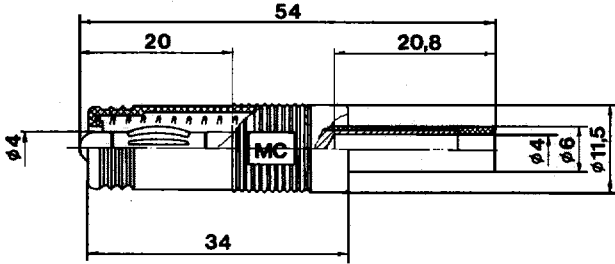
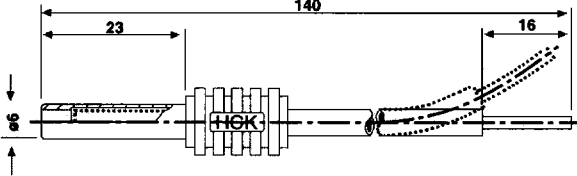
1:1

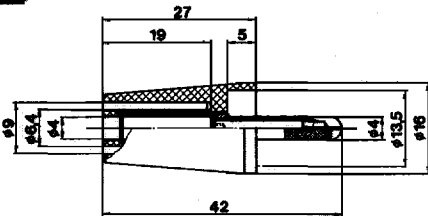
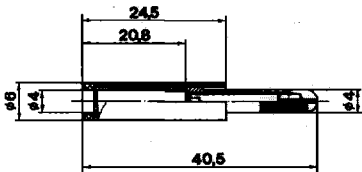
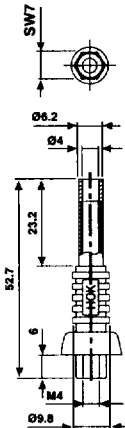
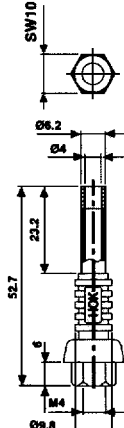
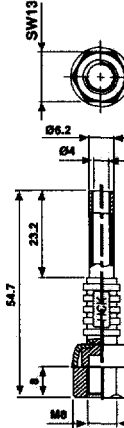
Colors: 21 - 27, 29

20 - green/yellow 21 - black 22 - red 23 - blue 24 - yellow 25 - green 26 - violet 27 - brown 28 - gray 29 - white 33 - transparent

Nominal diameter	Withdraw. force	Rated current	Contact resistance		Type	Part No
4 mm 2mm	—	25 A	1.0 mΩ	 	R 4/2	24.0110
Adapter 4 mm (.160 in) dia. to 2 mm (.080 in) dia. to reduce 4 mm to 2 mm socket. Machined brass, gold plated with MC®-Multilam™. Polyamide insulated (R4/2-A only).						
Operating temperature: -10°C to +70°C (14°F to 158°F)						
Colors: (R4/2-A only): 21 - 24						
				 	R 4/2-F (internal Multilam™)	24.0100
				 	R 4/2-A	24.0100
					1:1	
4 mm 2mm	—	—	—	 	AZ 4/4-2	22.3000
Fits any 4 mm (.160 in) dia. socket. Tapping from rear is possible simultaneously with spring-loaded 2 mm (.080 in) and 4 mm (.160 in) dia. plugs.						
Components and ratings: • Hollow plug LS 4 # 22.1005 • Insulator (polyamide) KT 4-A # 22.2050 • Operating temperature: -10°C to +80°C (14°F to 176°F)						
Colors: 21 - 29						
				 	LS 4	
				 	KT 4-A	
					1:1	

20 - green/yellow 21 - black 22 - red 23 - blue 24 - yellow 25 - green 26 - violet 27 - brown 28 - gray 29 - white 33 - transparent

Part No.	Type		Nominal diameter	Withdraw. force	Rated current	Contact resistance
3.0240	B 4-I/S 1.5	 	4 mm 1.5 mm	—	18 A	—
			Socket made of machined brass, nickel plated, and polyamide insulated with 1.5 mm (.059 in) dia. pin connector. Pin suitable for use with strip terminals and lamp wire connectors.			
			Operating temperature: -40°C to +80°C (..... -40°F to +176°F)			
		1:1.3				
6.9145	XUG-S	 	4 mm	—	20 A	—
			Screw-on adapter, rated 1000 V, CAT II, 20 A, has an insulated safety socket and an expandable 4 mm plug which fits conventional 4 mm sockets. The adapter can be locked into the socket by tightening the grub screw with a M1.5 hexagonal key.			
			 During installation, the terminal must be at zero potential.			
		1:1	Colors: 21 - 27, 29			
4.0116	A 4/4-Z	 	4 mm	—	25 A	0.8 mΩ
			Safety adapter 4 mm (.160 in) with retractable, spring-loaded sleeve for connecting MC safety patch cords SLK with all conventional sockets, jacks and binding posts 4 mm (.160 in) dia. Adapter machined brass, nickel plated with nickel plated MC®-Multilam™ with relatively high withdrawal force. Polyamide insulated, color red.			
			Ratings: • Rated voltage: 1000 V • Insulation coordination: 6000 V/2 • Test voltage (only when plugged-in): 3250 V			
		1:1	Color: 22			
6.9135	XRKA	 	4 mm	—	30 A	—
			Terminal block adapter, rated 1000 V, CAT II, 30 A, is intended for permanent installation and provides a plug-in measuring point in the form of a 4 mm in-line safety socket. The tip is solid copper and may be screwed, for example, under a motor connection strip or terminal block.			
			 During installation, the terminal must be at zero potential.			
		1:2	Colors: 21 - 27, 29			

Part No.	Type		Nominal diameter	Withdraw. force	Rated current	Contact resistance
24.0160	A-SLK 4	 	4 mm	-	-	-
			Safety adapter 4 mm (.160 in) dia. for connecting MC safety patch cords SLK with all conventional sockets, jacks and binding posts 4 mm (.160 in) dia. Expanding plug with internal screw for assembly with sockets, jacks and binding posts 4 mm (.160 in) dia. Gold plated. Polyamide insulated.			
			Colors: 20 - 29			
			Tool, special allen wrench:			
			• StS 1.5-I (insulated) # 25.0037			
			• StS 1.5 (non-insulated) # 25.0035			
			1:1.3			
24.0163	A-SLK 4-S	 	4 mm	-	-	-
			Safety adapter 4 mm (.160 in) dia. for connecting MC safety patch cords SLK with all conventional sockets, jacks and binding posts 4 mm (.160 in) dia. Expanding plug with internal screw for assembly with sockets, jacks and binding posts 4 mm (.160 in) dia. Nickel plated. Polyamide insulated.			
			Colors: 21 - 24			
			Tool, special allen wrench:			
			• StS 1.5-I (insulated) # 25.0037			
			• StS 1.5 (non-insulated) # 25.0035			
			1:1.3			
i6.9140-000 (ASA-M4)	ASA-M4 ASA-M6 ASA-M8		4 mm	-	-	-
			Screw-on adapter, rated 1000 V, CAT II, has a 4 mm safety socket and is available with an option of three internal metric threads for screwing on to protruding screw threads. The adapter has a polyamide 6.6 insulator.			
			⚠ During installation, the terminal must be at zero potential.			
			Current Ratings:			
			• ASA-M4 20 A			
			• ASA-M6 30 A			
			• ASA-M8 30 A			
			Colors: 21 - 26			
  						

Nominal diameter **Withdraw. force** **Rated current** **Contact resistance**

Type

Part No

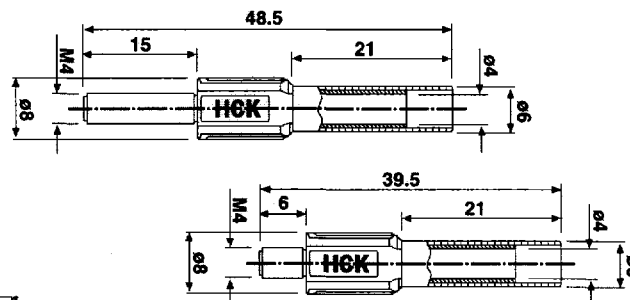
4 mm – 20 A –

KSA-M4/6 **66.9610**
KSA-M4/15 (KSA-M4/6)

Screw-in adapters, rated 1000 V, CAT II, 20 A, have an insulated safety socket with a M4 male thread in an option of two lengths. These adapters are recommended for installing a permanent plug-in connection, for example on experimental boards or on terminal blocks.

⚠ During installation, the terminal must be at zero potential.

Colors: 21 - 23



1:1

4 mm – 32 A –

B4-E-M3-I **23.1031**
B4-E-M3.5-I (B4-E-M3-I)
B4-E-M4-I **23.1032**
B4-E-M5-I (B4-E-M3.5-I)

Screw-in adapters with 4 mm diameter safety socket for accepting 4 mm diameter safety test leads or any other 4 mm Multilam™ plug. The metal socket has an internal slot for mounting purposes. Brass, nickel plated.

Specifications:

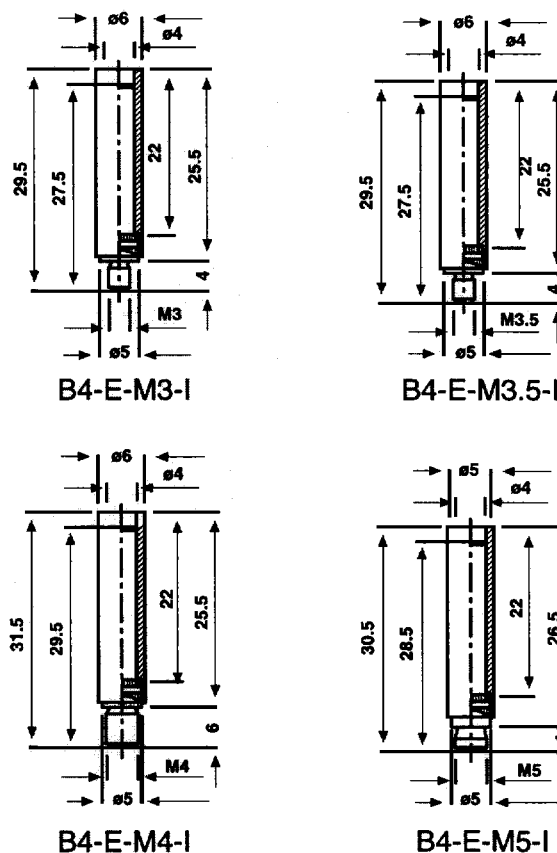
- Insulation PA
- Operating temperature: -40°C to +80°C
 (-40°F to +176°F)
- B4-E-M3-I M3 external thread
- B4-E-M3.5-I M3.5 external thread
- B4-E-M4-I M4 external thread
- B4-E-M5-I M5 external thread

Components:

- Insulators I-A2/4 # 24.5012
- B4-E-M3 adapter # 23.5076
- B4-E-M3.5 adapter # 23.5079
- B4-E-M4 adapter # 23.5082
- B4-E-M5 adapter # 23.5085

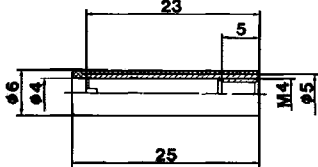
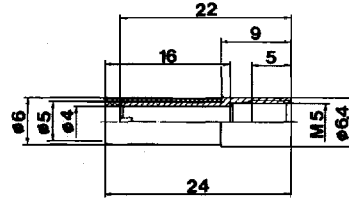
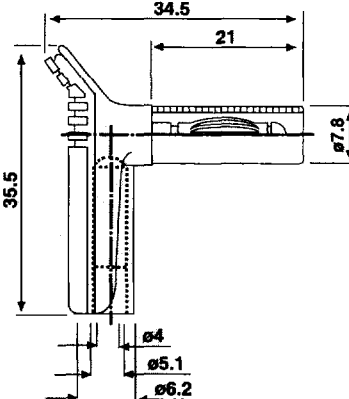
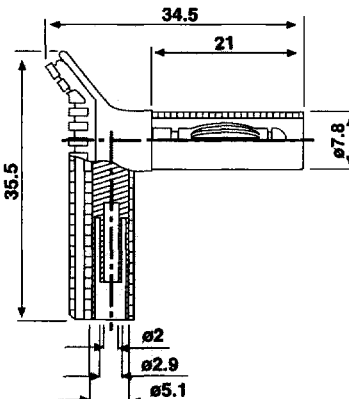
⚠ During installation, the terminal must be at zero potential.

Colors: 21 - 24



1:1

20 - green/yellow 21 - black 22 - red 23 - blue 24 - yellow 25 - green 26 - violet 27 - brown 28 - gray 29 - white 33 - transparent

Part No.	Type		Nominal diameter	Withdraw. force	Rated current	Contact resistance
3.1035 3.5088 4.5012	B4-E-IM4-I insulated B4-E-IM4 non-insulated I-A 2/4 insulator		4 mm	—	25 A	—
Sockets 4 mm (.160 in) with screw-on socket internal M 4 thread. Machined brass, nickel plated. Available insulated or non-insulated or as separate parts.						
Operating temperature: -40°C to +80°C (-40°F to 176°F)						
1:1 Colors: 21, 22, 24, 29						
3.1036 3.5091 4.5090	B4-E-IM5-I insulated B4-E-IM5 non-insulated I-KK 2/4 insulator		4 mm	—	25 A	—
Screw-on sockets 4 mm (.160 in) with internal M 5 thread. Machined brass, nickel plated. Available insulated or non-insulated or as separate parts.						
Operating temperature: -40°C to +80°C (-40°F to 176°F)						
1:1 Colors: 21, 22, 24, 29						
6.9694	XWA-4/19		 4 mm	—	20 A	—
Safety right-angled adapter, rated 1000 V, CAT II, 20 A, has a 4 mm plug and 4 mm socket configured at right angles in a fully insulated body. This adapter is designed to allow 90° entry to safety sockets where there is restricted access.						
Colors: 21 - 27, 29						
1:1						
6.9190	XWA-2/4		 4 mm 2 mm	—	10 A	—
Safety right-angled adapter, rated 600 V, CAT III, 10 A, has a 4 mm plug and 2 mm socket configured at right angles in a fully insulated body. This adapter is designed to allow 90° entry to safety sockets where there is restricted access.						
Colors: 21 - 23						
1:1						

20 - green/yellow 21 - black 22 - red 23 - blue 24 - yellow 25 - green 26 - violet 27 - brown 28 - gray 29 - white 33 - transparent