














Product News 2013

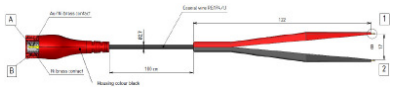




November 2013





Matchcode	Description	Picture	Technical data	Colours
KIT Programme				
KIT 2400 / MULTIMETER I SPL 2315 / 2.5 / 100 / SW SPL 2315 / 2.5 / 100 / RT PRUEF 2015 Ni (2 x) PRUEF 2017 Ni (2 x) PRUEF 6733 Ni (2 x)	<ul style="list-style-type: none"> Test equipment kit for Ø 4 mm-safety-system Spare parts/addition equipment for hand measuring instruments 2 safety measuring leads with changeable probe insets and 2 angled safety lamella-basket plugs assembled on highly flexible double insulated PVC cable 2.5 mm² and separately 6 probe insets High-quality transparent working- and storage box made of solid plastic 		<ul style="list-style-type: none"> See each continuance product in our catalogue and/or product news 2012 	black, red
KIT 7093 / MULTIMETER II VSFK 6000 / 2.5 / 150 / SW VSFK 6000 / 2.5 / 150 / RT SAK 6674 / SW SAK 6674 / RT SPS 6890 Ni / SW SPS 6890 Ni / RT SKPS 6925 Ni / SW SKPS 6925 Ni / RT	<ul style="list-style-type: none"> Test equipment kit Ø 4 mm-system for highest requirements to measuring instruments 2 Safety measuring PVC leads 2.5 mm², 2 safety test probes and 4 safety crocodile clips High-quality transparent working- and storage box made of solid plastic 		<ul style="list-style-type: none"> See each continuance product in our catalogue and/or product news 2012 	black, red
KIT 6899 / MULTIMETER PROFI I MSWFK 50 / 2.5 / 100 / SW MSWFK 50 / 2.5 / 100 / RT SKPS 6780 Ni / SW SKPS 6780 Ni / RT SAK 6674 / SW SAK 6674 / RT SDK 799 / SW SDK 799 / RT SPS 2381 Ni / SW SPS 2381 Ni / RT PRUEF 2015 Ni (2 x) PRUEF 2017 Ni (2 x) PRUEF 6733 Ni (2 x)	<ul style="list-style-type: none"> Test equipment kit for Ø 4 mm-safety-system for highest requirements to measuring instruments and integrated application of 2 safety quick-release-terminals, 2 safety measuring PVC leads 2.5 mm², 2 safety pincer and 2 crocodile clips, 6 safety test probe sets High-quality transparent working- and storage box made of solid plastic 		<ul style="list-style-type: none"> See each continuance product in our catalogue and/or product news 2012 	black, red



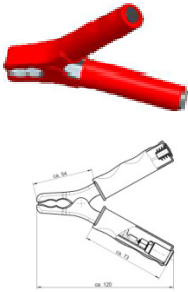
Matchcode	Description	Picture	Technical data	Colours
KIT 7094 / TEST 4 mm I MFK 15 / 1 / 100 / SW MFK 15 / 1 / 100 / RT KPS 6755 Ni / SW KPS 6755 Ni / RT SAK 6716 / 4 / SW SAK 6716 / 4 / RT SPS 2590 Ni / SW SPS 2590 Ni / RT	<ul style="list-style-type: none"> ▪ Test equipment kit Ø 4 mm-system for laboratory- and measuring instruments field ▪ 2 Safety measuring PVC leads 1 mm², 2 safety test probes, 2 safety crocodile clips and 2 pincer clips ▪ High-quality transparent working- and storage box made of solid plastic 		<ul style="list-style-type: none"> ▪ See each continuance product in our catalogue and/or product news 2012 	black, red
KIT 6911 / TEST 4 mm II MFK 09 / 1 / 50 / SW MFK 09 / 1 / 50 / RT MFK 09 / 1 / 100 / SW MFK 09 / 1 / 100 / RT MFK 09 / 1 / 150 / SW MFK 09 / 1 / 150 / RT MFK 09 / 1 / 200 / SW MFK 09 / 1 / 200 / RT SAK 6716 / 4 / SW SAK 6716 / 4 / RT KPS 6755 Ni / SW KPS 6755 Ni / RT SPS 2590 Ni / SW SPS 2590 Ni / RT	<ul style="list-style-type: none"> ▪ Test equipment kit Ø 4 mm-system for laboratory- and measuring instruments field ▪ 8 measuring PVC leads 1 mm² in different lengths, 2 pincer clips, 2 safety crocodile clips and 2 safety test probes ▪ High-quality transparent working- and storage box made of solid plastic 		<ul style="list-style-type: none"> ▪ See each continuance product in our catalogue and/or product news 2012 	black, red
KIT 7341 / AUTOMOTIVE II MSWFK 50 / 2.5 / 100 / SW MSWFK 50 / 2.5 / 100 / RT SAK 6675 / SW SAK 6675 / RT SKPS 6925 Ni / SW SKPS 6925 Ni / RT SPS 2590 Ni / SW SPS 2590 Ni / RT	<ul style="list-style-type: none"> ▪ Test equipment kit Ø 4 mm-system for universal employment in the automotive field (automobile, workshops, service) ▪ 2 Safety measuring PVC leads 2.5 mm², 2 safety test probes and 4 safety crocodile clips ▪ High-quality transparent working- and storage box made of solid plastic 		<ul style="list-style-type: none"> ▪ See each continuance product in our catalogue and/or product news 2012 	black, red

Matchcode	Description	Picture	Technical data	Colours
KIT 7342 / LABOR 2 mm I FK 02 L Ni / -U1 (60 x) KU 02 L Ni / -1 (60 x) GRIFF 02 / ..(colour) (120x)	<ul style="list-style-type: none"> 2 mm assortment of couplers and lamella-basket plugs to create reliable, detachable connections. The small design makes them especially useful for low voltage High-quality transparent working- and storage box made of solid plastic 		<ul style="list-style-type: none"> See each continuance product in our catalogue and/or product news 2012 	Sleeves 30 x black 30 x red 20 x blue 20 x yellow 10 x green 10 x grey
KIT 7343 / LABOR 2-4 mm I FK 02 L Ni /-U1 (50 x) FK 9 L Ni / -U1 (50 x) KU 02 L Ni / -1 (50 x) KU 09 L Ni /-1 (50 x) GRIFF 92 / ..(colour) / -1 (100 x) GRIFF 02 / ..(colour) / -1 (100 x) A 20-40 S Ni / ..(colour) (4 x) A 40-20 Ni / ..(colour) (4 x)	<ul style="list-style-type: none"> 2 mm and 4 mm assortment of couplers and lamella-basket plugs to create reliable, detachable connections for low voltage. Included are also adapters to switch between 2 mm to 4 mm connectors High-quality transparent working- and storage box made of solid plastic 		<ul style="list-style-type: none"> See each continuance product in our catalogue and/or product news 2012 	Each sleeve 30 x black 30 x red 20 x blue 20 x yellow Each Adapter 1 x black 1 x red 1 x blue 1 x yellow
KIT 7344 / LABOR 4 mm I FK 8 L Ni / -U1 (55 x) KU 09 L Ni / -1 (35 x) GRIFF 8 / ..(colour) / -1 (55 x) GRIFF 09 / ..(colour) / -1 (35 x)	<ul style="list-style-type: none"> 4 mm assortment of couplers and lamella-basket plugs to create reliable, detachable connections. They are used with standard measurement devices for low voltage High-quality transparent working- and storage box made of solid plastic 		<ul style="list-style-type: none"> See each continuance product in our catalogue and/or product news 2012 	Each sleeve 10 x black 10 x red 5 x blue 5 x yellow 5 x green GRIFF 8 additionally 5 x grey 5 x white 5 x brown 5 x violet

Matchcode	Description	Picture	Technical data	Colours
2 mm-Programme				
KURZ 7450 / 7.5 - 2 IG Ni / SW KURZ 7450 / 7.5 - 2 IG Au / SW	Connecting plug <ul style="list-style-type: none"> ▪ moulded insulation ▪ low design ▪ contact parts nickel-plated / gold-plated 		terminal: - transition resistance: 5 mΩ(Ni)/3 mΩ(Au) rated voltage: 33 V _{AC} /70 V _{DC} rated current: 12 A operating temperature: -40 °C ... +90 °C	black
4 mm-Programme				
KWML 7420 / SAK / 1 / 150 length: 150 cm	Kelvin measuring lead <ul style="list-style-type: none"> ▪ 2 angled safety lamella-basket plugs, assembled on highly flexible double insulated PVC cable 1 mm² and Safety Kelvin clip ▪ contact parts nickel-plated 		cable: PVC double-insul. 1 mm ² transition resistance: to be determined and later informed rated voltage: 33 V _{AC} /70 V _{DC} rated current: 1 A operating temperature: -10 °C ... +80 °C	black, red
KML 7460 / SAK / 1 / ..(length) length: 150 cm 250 cm	Kelvin measuring lead <ul style="list-style-type: none"> ▪ 2 safety lamella-basket plugs, assembled on highly flexible double insulated PVC cable 1 mm² and Safety Kelvin clip ▪ contact parts nickel-plated 		cable: PVC double-insul. 1 mm ² transition resistance: to be determined and later informed rated voltage: 33 V _{AC} /70 V _{DC} rated current: 1 A operating temperature: -10 °C ... +70 °C	black, red
KML 7488 / PZ / 0.75 / 100 length: 100 cm	Kelvin measuring lead <ul style="list-style-type: none"> ▪ 2 lamella-basket plugs, assembled on highly flexible double insulated PVC cable 0.75 mm² and tweezer with opening max. 17 mm ▪ contact parts gold-plated 		cable: PVC-double-insul. 0,75 mm ² transition resistance: to be determined and later informed rated voltage: 33 V _{AC} /70 V _{DC} rated current: 1 A operating temperature: -10 °C ... +50 °C	black, red

Matchcode	Description	Picture	Technical data	Colours
KML 7499 / PZ / RG174 / 100 length: 100 cm	Kelvin measuring lead <ul style="list-style-type: none"> ▪ BNC plug assembled on coaxial cable RG174/U and tweezer with max. opening 17 mm ▪ is used for four-wire measurement ▪ contact parts gold-plated 		cable: coaxial cable RG174/U transition resistance: to be determined and later informed rated voltage: 33 V _{AC} /70 V _{DC} rated current: 1 A operating temperature: -10 °C ... +50 °C	black
KML 7528 / 2 ZA / 4x0.22 / 70 length: 70 cm	Kelvin measuring lead <ul style="list-style-type: none"> ▪ 4 lamella-basket plugs, stackable, assembled on flexible PVC cable 0.22 mm² and 2 pincers with opening max. 15 mm ▪ contact parts gold-plated 		cable: PVC insul. 0.22 mm ² transition resistance: to be determined and later informed rated voltage: 33 V _{AC} /70 V _{DC} rated current: 1 A operating temperature: -	black, red, white
4 mm-Safety-Programme				
MSWSAK 7418 / 2.5 / 150 / ..(colour) length: 150 cm	Safety measuring lead <ul style="list-style-type: none"> ▪ 1 safety lamella-basket plug, assembled on highly flexible double insulated PVC cable 2.5 mm² and safety crocodile clip with grips up to Ø 32 mm ▪ contact parts nickel-plated 		cable: PVC double-insul. 2,5 mm ² transition resistance: to be determined and later informed rated voltage: 1000 V CAT III rated current: ca. 36 A operating temperature: -10 °C ... +80 °C	black, red
MSWFK A241 / 1 / ..(length) / ..(colour) length: 25 cm 50 cm 100 cm 150 cm 200 cm	Safety measuring lead <ul style="list-style-type: none"> ▪ 1 safety lamella-basket plug and 1 angled safety lamella-basket plug, assembled on highly flexible double insulated PVC cable 1 mm² ▪ contact parts nickel-plated 		cable: PVC double-insul. 1 mm ² transition resistance: 5 mΩ, 8 mΩ, 14 mΩ, 22 mΩ, 27 mΩ rated voltage: 1000 V CAT II rated current: 16 A operating temperature: -10 °C ... +90 °C	black, red, blue, yellow green
MSWFK A341 / 1 / ..(length) / ..(colour) length: 25 cm 50 cm 100 cm 150 cm 200 cm	Safety measuring lead <ul style="list-style-type: none"> ▪ 1 safety lamella-basket plug and 1 angled safety lamella-basket plug, assembled on highly flexible double insulated PVC cable 1 mm² ▪ contact parts nickel-plated 		cable: PVC double-insul. 1 mm ² transition resistance: 5 mΩ, 9 mΩ, 17 mΩ, 25 mΩ, 35 mΩ rated voltage: 1000 V CAT III rated current: 16 A operating temperature: -10 °C ... +90 °C	black, red, blue, yellow green

Matchcode	Description	Picture	Technical data	Colours
MSFK A341 / 1 / ..(length) / ..(colour) length: 25 cm 50 cm 100 cm 150 cm 200 cm	Safety measuring lead <ul style="list-style-type: none"> ▪ 2 safety lamella-basket plugs, assembled on highly flexible double insulated PVC cable 1 mm² ▪ contact parts nickel-plated 		cable: PVC double-insul. 1 mm ² transition resistance: 5 mΩ, 9 mΩ, 17 mΩ, 25 mΩ, 35 mΩ rated voltage: 1000 V CAT III rated current: 16 A operating temperature: -10 °C ... +90 °C	black, red blue, yellow green
SAB 6922 Ni / ..(colour) SAB 6922 Au / ..(colour)	Safety threaded socket <ul style="list-style-type: none"> ▪ is used for fixture in panels up to 6 mm thick ▪ fixed by: slotted nut M12x0.75 and spring washer ▪ hole Ø 12.1 mm ▪ screw terminal ▪ contact parts nickel-plated / gold-plated 		terminal: M4 transition resistance: 7 mΩ(Ni)/5 mΩ(Au) rated voltage: 1000 V CAT III rated current: 32 A operating temperature: -25 °C ... +80 °C max. torque for the fixed by nuts: 45 Ncm	black, red blue, yellow, green, grey, brown white, violet, green- yellow
SAB 7560 Ni / ..(colour) SAB 7560 Au / ..(colour)	Safety threaded socket <ul style="list-style-type: none"> ▪ is used for fixture in panels up to 6 mm thick ▪ fixed by: slotted nut M12x0.75 and spring washer ▪ hole Ø 12.1 mm ▪ tab terminal ▪ contact parts nickel-plated / gold-plated 		terminal: FR 6.3 mm x 0.8 mm transition resistance: 7 mΩ(Ni)/5 mΩ(Au) rated voltage: 1000 V CAT III rated current: 32 A operating temperature: -25 °C ... +80 °C max. torque for the fixed by nuts: 45 Ncm	black, red blue, yellow green, grey, brown, white, violet, green- yellow
CAT IV Programme				
MSFK A441 / 1 / ..(length) / ..(colour) length: 25 cm 50 cm 100 cm 150 cm 200 cm	Safety measuring lead <ul style="list-style-type: none"> ▪ 2 safety lamella-basket plugs, assembled on highly flexible double insulated PVC cable 1 mm² ▪ contact parts nickel-plated 		cable: PVC double-insul. 1 mm ² transition resistance: 5 mΩ, 9 mΩ, 17 mΩ, 25 mΩ, 35 mΩ rated voltage: 1000 V CAT IV rated current: 16 A operating temperature: -10 °C ... +90 °C	black, red blue, yellow green

Matchcode	Description	Picture	Technical data	Colours
<p>MSFK B441 / 1 / ..(length) / ..(colour) length: 100 cm 150 cm 200 cm</p> <p>Suitable fuses: SICH 6.35x32 1000V 0.5 A DMI SICH 6.35x32 1000V 1.6 A DMI</p>	<p>Safety measuring lead</p> <ul style="list-style-type: none"> 2 safety lamella-basket plugs, assembled on highly flexible double insulated PVC cable 1 mm² Contact parts nickel-plated 		<p>cable: PVC double-insul. 1 mm² transition resistance: to be determined and later informed rated voltage: 1000 V CAT IV rated current: max. 8 A depending of the fuse used breaking capacity of the fuse: 30 kA (1000 V_{AC}/V_{DC}) operating temperature: -10 °C ... +80 °C</p>	<p>black, yellow</p>
<p>HSPL 7576 / 1 / ..(length) / ..(colour) length: 50 cm 100 cm 150 cm</p>	<p>High voltage safety test lead</p> <ul style="list-style-type: none"> 2 high voltage safety lamella-basket plugs Ø 4 mm, assembled on highly flexible double insulated PVC cable 1 mm² Contact parts nickel-plated 		<p>cable: PVC double-insul. 1 mm² transition resistance: to be determined and later informed rated voltage: 1000 V CAT IV max. 5000 V output voltage of test instruments rated current: 16 A operating temperature: -10 °C ... +80 °C</p>	<p>black, red, blue, yellow, green</p>
Accessories				
<p>PZA 7524 / ..(colour)</p>	<p>Safety test clamp</p> <ul style="list-style-type: none"> Connection through safety threaded socket (SEB) Max. opening 25 mm Clamp zinc-plated 		<p>terminal: safety socket Ø 4mm transition resistance: to be determined and later informed rated voltage: 33 V_{AC}/70 V_{DC} rated current: 36 A operating temperature: -</p>	<p>black, red</p>