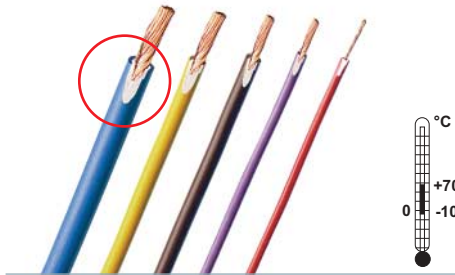


PVC-isolierte Litzenleitungen

PVC Insulated Multistrand Wires

Câbles multi-brins à isolation en PVC

Flexivolt® -2V



Hoch flexible Litzenleitungen mit verstärkter, zweischichtiger Isolierung für erhöhte Sicherheit (innen neutral, aussen gefärbt). Beschädigungen der äusseren Isolierschicht sind durch die abweichende Färbung der darunter liegenden Schicht leichter erkennbar.

Highly flexible stranded wire with reinforced, double-layer insulation for increased safety (inside neutral, outside coloured). Damage to the outer layer of insulation can be more easily recognised due to the different colour of the underlying layer.

Câble très souple, à isolation renforcée, bicouche pour une sécurité renforcée (intérieur neutre, extérieur de couleur). L'endommagement de l'isolation peut être identifié plus aisément en raison de la différence de couleur de la couche interne.

Typische Anwendung

Fertigung von Messleitungen sowie externe Verdrahtung beweglicher Elemente.

Typical Application

Manufacture of test leads and external wiring of movable elements.

Applications

Câblage extérieur de pièces en mouvement et fabrication de cordons de mesure.



Typ Type Type	Bestellnummer Order number Numéro de commande	Nennquerschnitt Nominal cross section Section nominale	Litzenaufbau Strand design Composition de l'âme	Leitungsgewicht Weight of cable Masse du câble	Leiterdurchmesser Conductor diameter Diamètre sur âme	Isolierwandstärke Thickness insulation wall Épaisseur d'isolation	Aussendurchmesser Outer diameter Diamètre sur isolant	Bemessungsspannung Rated voltage Tension assignée	Prüfspannung Test voltage Tension d'essai	Bemessungsstrom Rated current Intensité assignée	Prüfzeichen Certification marks Certification	*Standard-Farben *Standard colours *Couleurs standard
PVC		mm <sup>2</sup>	n x Ø mm	kg/km	mm	mm	mm	V	V <sub>AC</sub>	A		

FLEXI-2V/HK ...-D

FLEXI-2V/HK 0,75-D	60.7941-□*	0,75	196 x 0,07	21	1,25	1,3	3,9	1500	8000	15	UL <sup>1)</sup>	20 21 22 23 24 25 26 27 29
FLEXI-2V/HK 1,0-D	60.7036-□*	1,0	511 x 0,05	23	1,5	1,2	3,9	1500	8000	19	UL <sup>1)</sup>	20 21 22 23 24 25 26 27 29
FLEXI-2V/HK 2,5-D	60.7033-□*	2,5	651 x 0,07	34	2,4	0,75	3,9	1500	8000	32	UL <sup>1)</sup>	20 21 22 23 24 25 26 27 28 29

FLEXI-2V ...

FLEXI-2V 0,25	60.7026-□*	0,25	66 x 0,07	6,0	0,65	0,65	2,0	1500	8000	6		21 22 23 24 25 26 27 29
FLEXI-2V 0,50	60.7027-□*	0,50	129 x 0,07	9,2	0,90	0,70	2,3	1500	8000	10	UL <sup>1)</sup>	21 22 23 24 25 26 27 29
FLEXI-2V 0,50S	60.7121-□*	0,50	129 x 0,07	11	0,90	0,90	2,7	1500	8000	10	UL <sup>1)</sup>	21 22 23 24 25 26 27 29
FLEXI-2V 0,75	60.7028-□*	0,75	196 x 0,07	18	1,25	1,1	3,5	1500	8000	15	UL <sup>1)</sup>	21 22 23 24 25 26 27 29
FLEXI-2V 0,75S	60.7919-□*	0,75	196 x 0,07	16	1,25	0,95	3,2	1500	8000	15	UL <sup>1)</sup>	21 22 23 24 25 26 27 29
FLEXI-2V 1,0	60.7030-□*	1,0	259 x 0,07	23	1,4	1,25	3,9	1500	8000	19	UL <sup>1)</sup>	20 21 22 23 24 25 26 27 29
FLEXI-2V 1,5	60.7031-□*	1,5	392 x 0,07	27	1,7	1,1	3,9	1500	8000	24	UL <sup>1)</sup>	21 22 23 24 25 26 27 29
FLEXI-2V 2,0	60.7029-□*	2,0	525 x 0,07	31	2,0	0,95	3,9	1500	8000	30	UL <sup>1)</sup>	21 22 23 24 25 26 27 29
FLEXI-2V 2,5	60.7032-□*	2,5	651 x 0,07	38	2,4	1,0	4,4	1500	8000	32	UL <sup>1)</sup>	21 22 23 24 25 26
FLEXI-2V 4,0	60.7034-□*	4,0	1036 x 0,07	64	3,0	1,5	6,0	1500	8000	42	UL <sup>1)</sup>	21 22 23 24 25 26
FLEXI-2V 6,0	60.7035-□*	6,0	1548 x 0,07	95	3,8	1,6	7,0	1500	8000	54	UL <sup>1)</sup>	21 22 23 24 25 26

1) UL recognized: File E120880, AWM 10292  
Use: Test Probe Lead up to +60°C

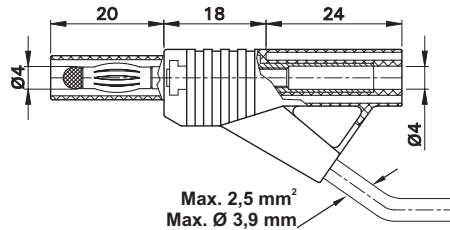
## Stapelbare Ø 4 mm-Stecker

**XL-459/30**



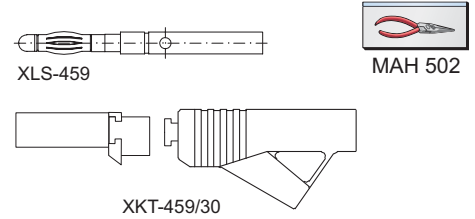
Stapelbarer Ø 4 mm-Stecker mit federnder Kontaktlamelle für die Selbstmontage von Messleitungen. Mit starrer Isolierhülse. Kabelzuführung unter 30°. **Schraubanschluss.**

## Stackable Ø 4 mm Plugs



Stackable Ø 4 mm plug with spring-loaded Multilam™ for self-assembly of test leads. With rigid insulating sleeve. With 30° cable outlet. **Screw connection.**

## Fiches Ø 4 mm à reprise arrière

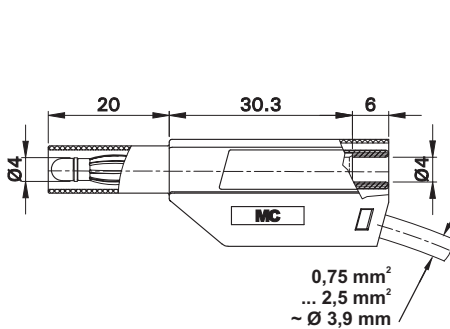


Fiche à lamelles Ø 4 mm à reprise arrière destinée à la confection de cordons de mesure. Protégée par un fourreau isolant rigide. Entrée de câble à 30°. **Raccord à visser.**

Typ Type Type	Best.-Nr. Order No. N° de Cde	Bemessungsspannung / -strom Rated voltage / current Tension / intensité assignée	Einzelteile: Knüpfhülle / Stecker Component parts: Insulator / Plug Pièces détachées : Capuchon isolant / Fiche	*Farben *Colours *Couleurs
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<b>XL-459/30</b>	<b>66.9649-*</b>	1000 V, CAT II / max. 32 A	XKT-459/30, 66.1006-*/ XLS-459, 66.1007	<b>Ni</b> <span style="background-color: #ff0000; color: white; padding: 2px;">21</span> <span style="background-color: #00ff00; color: white; padding: 2px;">22</span> <span style="background-color: #0000ff; color: white; padding: 2px;">23</span> <span style="background-color: #ffff00; color: black; padding: 2px;">24</span> <span style="background-color: #0000ff; color: white; padding: 2px;">25</span> <span style="background-color: #800080; color: white; padding: 2px;">26</span> <span style="background-color: #008000; color: white; padding: 2px;">27</span>
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## SLS425-SE/M SLS425-SE SLS425-SE/N SLS425-SE/Q SLS425-SE/Q/N



Stapelbare Ø 4 mm-Stecker mit federnder Kontaktlamelle für die Selbstmontage von Messleitungen. Mit starrer Isolierhülse. Vernickelte und vergoldete Versionen erhältlich.

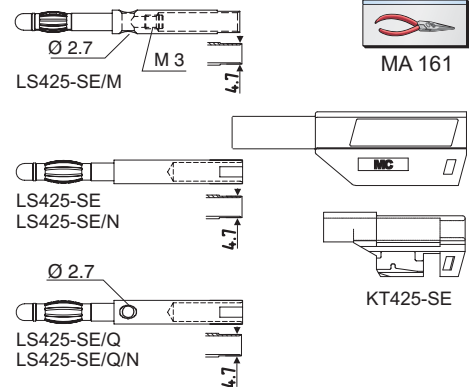
### Verschiedene Anschlussarten:

SLS425-SE/M: Schraubanschluss  
SLS425-SE(N): Zylindrische Lötfläche  
SLS425-SE/Q(N): Querloch für Lötanschluss

Stackable Ø 4 mm plugs with spring-loaded Multilam™ for self-assembly of test leads. With rigid insulating sleeve. Nickel-plated and gold-plated versions available.

### Various types of connection:

SLS425-SE/M: Screw connection  
SLS425-SE(N): Cylindrical soldering surface  
SLS425-SE/Q(N):  
Cross hole for solder connection



Fiches à lamelles Ø 4 mm à reprise arrière destinées à la confection de cordons de mesure. Protégées par un fourreau isolant rigide. Disponibles en versions dorée et nickelée.

### Différents types de raccords :

SLS425-SE/M : Raccord à visser  
SLS425-SE(N) : Plaque de soudure cylindrique  
SLS425-SE/Q(N) :  
Trou transversal pour soudure

Typ Type Type	Best.-Nr. Order No. N° de Cde	Bemessungsspannung / -strom Rated voltage / current Tension / intensité assignée	Einzelteile: Knüpfhülle / Stecker Component parts: Insulator / Plug Pièces détachées : Capuchon isolant / Fiche	*Farben *Colours *Couleurs
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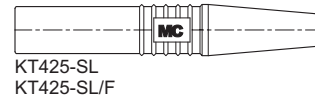
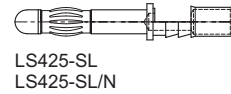
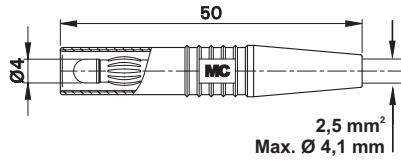
<b>SLS425-SE/M</b>	<b>22.2656-*</b>	1000 V, CAT II / max. 32 A	KT425-SE, 22.2380-*/ LS425-SE/M, 22.1027	<b>Au</b> <span style="background-color: #ffff00; color: black; padding: 2px;">20</span> <span style="background-color: #ff0000; color: white; padding: 2px;">21</span> <span style="background-color: #ff0000; color: white; padding: 2px;">22</span> <span style="background-color: #0000ff; color: white; padding: 2px;">23</span> <span style="background-color: #ffff00; color: black; padding: 2px;">24</span> <span style="background-color: #008000; color: white; padding: 2px;">25</span> <span style="background-color: #800080; color: white; padding: 2px;">26</span> <span style="background-color: #008000; color: white; padding: 2px;">27</span> <span style="background-color: #800080; color: white; padding: 2px;">28</span> <span style="background-color: #008000; color: white; padding: 2px;">29</span>
<b>SLS425-SE</b>	<b>22.2655-*</b>	1000 V, CAT II / max. 32 A	KT425-SE, 22.2380-*/ LS425-SE, 22.1047	<b>Au</b> <span style="background-color: #ffff00; color: black; padding: 2px;">20</span> <span style="background-color: #ff0000; color: white; padding: 2px;">21</span> <span style="background-color: #ff0000; color: white; padding: 2px;">22</span> <span style="background-color: #0000ff; color: white; padding: 2px;">23</span> <span style="background-color: #ffff00; color: black; padding: 2px;">24</span> <span style="background-color: #008000; color: white; padding: 2px;">25</span> <span style="background-color: #800080; color: white; padding: 2px;">26</span> <span style="background-color: #008000; color: white; padding: 2px;">27</span> <span style="background-color: #800080; color: white; padding: 2px;">28</span> <span style="background-color: #008000; color: white; padding: 2px;">29</span>
<b>SLS425-SE/N</b>	<b>22.2654-*</b>	1000 V, CAT II / max. 32 A	KT425-SE, 22.2380-*/ LS425-SE/N, 22.1048	<b>Ni</b> <span style="background-color: #ffff00; color: black; padding: 2px;">20</span> <span style="background-color: #ff0000; color: white; padding: 2px;">21</span> <span style="background-color: #ff0000; color: white; padding: 2px;">22</span> <span style="background-color: #0000ff; color: white; padding: 2px;">23</span> <span style="background-color: #ffff00; color: black; padding: 2px;">24</span> <span style="background-color: #008000; color: white; padding: 2px;">25</span> <span style="background-color: #800080; color: white; padding: 2px;">26</span> <span style="background-color: #008000; color: white; padding: 2px;">27</span> <span style="background-color: #800080; color: white; padding: 2px;">28</span> <span style="background-color: #008000; color: white; padding: 2px;">29</span>
<b>SLS425-SE/Q</b>	<b>22.2658-*</b>	1000 V, CAT II / max. 32 A	KT425-SE, 22.2380-*/ LS425-SE/Q, 22.1203	<b>Au</b> <span style="background-color: #ffff00; color: black; padding: 2px;">20</span> <span style="background-color: #ff0000; color: white; padding: 2px;">21</span> <span style="background-color: #ff0000; color: white; padding: 2px;">22</span> <span style="background-color: #0000ff; color: white; padding: 2px;">23</span> <span style="background-color: #ffff00; color: black; padding: 2px;">24</span> <span style="background-color: #008000; color: white; padding: 2px;">25</span> <span style="background-color: #800080; color: white; padding: 2px;">26</span> <span style="background-color: #008000; color: white; padding: 2px;">27</span> <span style="background-color: #800080; color: white; padding: 2px;">28</span> <span style="background-color: #008000; color: white; padding: 2px;">29</span>
<b>SLS425-SE/Q/N</b>	<b>22.2657-*</b>	1000 V, CAT II / max. 32 A	KT425-SE, 22.2380-*/ LS425-SE/Q/N, 22.1204	<b>Ni</b> <span style="background-color: #ffff00; color: black; padding: 2px;">20</span> <span style="background-color: #ff0000; color: white; padding: 2px;">21</span> <span style="background-color: #ff0000; color: white; padding: 2px;">22</span> <span style="background-color: #0000ff; color: white; padding: 2px;">23</span> <span style="background-color: #ffff00; color: black; padding: 2px;">24</span> <span style="background-color: #008000; color: white; padding: 2px;">25</span> <span style="background-color: #800080; color: white; padding: 2px;">26</span> <span style="background-color: #008000; color: white; padding: 2px;">27</span> <span style="background-color: #800080; color: white; padding: 2px;">28</span> <span style="background-color: #008000; color: white; padding: 2px;">29</span>

## Axiale Ø 4 mm-Stecker

## In-line Ø 4 mm Plugs

## Fiches Ø 4 mm droites

SLS425-SL SLS425-SL/F SLS425-SL/N SLS425-SL/N/F



MA 106

Axiale Ø 4 mm-Stecker mit federnder Kontaktlamelle für die Selbstmontage von Messleitungen. Mit starrer Isolierhülse. Vernickelte und vergoldete Versionen. **Lötanschluss.**

In-line Ø 4 mm plugs with spring-loaded Multilam™ for self-assembly of test leads. With rigid insulating sleeve. Nickel-plated and gold-plated versions available. **Solder connection.**

Fiches à lamelles Ø 4 mm droites, destinées à la confection de cordons de mesure. Protégées par un fourreau isolant rigide. Disponibles en versions dorée et nickelée. **Raccord à souder.**

Typ Type Type	Best.-Nr. Order No. N° de Cde	Bemessungsspannung / -strom Rated voltage / current Tension / intensité assignée	Einzelteile: Knüpfhülle / Stecker Component parts: Insulator / Plug Pièces détachées : Capuchon isolant / Fiche	Isolation Insulation Isolation	*Farben *Colours *Couleurs
SLS425-SL	22.2663-*	1000 V, CAT II / max. 32 A	KT425-SL, 22.2260-* / LS425-SL, 22.1025	PA	Au <span style="background-color: #212121; color: white; padding: 2px;">21</span> <span style="background-color: #FF0000; color: white; padding: 2px;">22</span> <span style="background-color: #0000FF; color: white; padding: 2px;">23</span>
SLS425-SL/F	22.2664-*	1000 V, CAT II / max. 32 A	KT425-SL/F, 50.1109-* / LS425-SL, 22.1025	POM	Au <span style="background-color: #FFD700; color: black; padding: 2px;">24</span> <span style="background-color: #90EE90; color: black; padding: 2px;">25</span> <span style="background-color: #8B4513; color: black; padding: 2px;">27</span>
SLS425-SL/N	22.2665-*	1000 V, CAT II / max. 32 A	KT425-SL, 22.2260-* / LS425-SL/N, 22.1032	PA	Ni <span style="background-color: #212121; color: white; padding: 2px;">21</span> <span style="background-color: #FF0000; color: white; padding: 2px;">22</span> <span style="background-color: #0000FF; color: white; padding: 2px;">23</span>
SLS425-SL/N/F	22.2666-*	1000 V, CAT II / max. 32 A	KT425-SL/F, 50.1109-* / LS425-SL/N, 22.1032	POM	Ni <span style="background-color: #FFD700; color: black; padding: 2px;">24</span> <span style="background-color: #90EE90; color: black; padding: 2px;">25</span> <span style="background-color: #8B4513; color: black; padding: 2px;">27</span>

Empfohlenes Montagewerkzeug

Recommended mounting tool

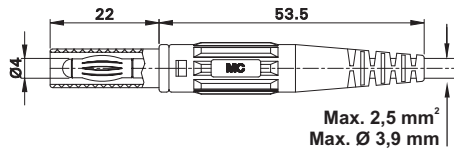
Outil de montage recommandé

Presszange PZK3 (→ Seite 195)

Crimping pliers PZK3 (→ page 195)

Pince à sertir PZK3 (→ page 195)

## XL-410



MAH 503



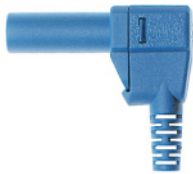
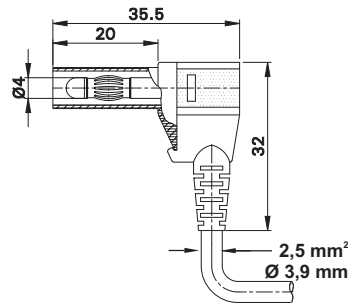
XKT-410S

Axialer Ø 4 mm-Stecker mit federnder Kontaktlamelle für die Selbstmontage von Messleitungen. Mit starrer Isolierhülse. **Schraubanschluss.**

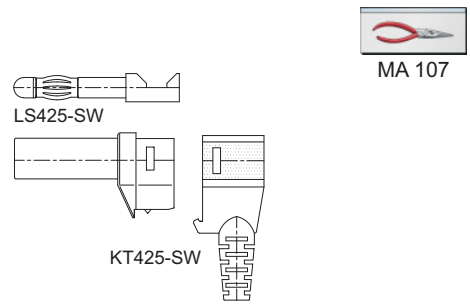
In-line Ø 4 mm plug with spring-loaded Multilam™ for self-assembly of test leads. With rigid insulating sleeve. **Screw connection.**

Fiche à lamelles Ø 4 mm droite destinée à la confection de cordons de mesure. Protégée par un fourreau isolant rigide. **Raccord à visser.**

Typ Type Type	Best.-Nr. Order No. N° de Cde	Bemessungsspannung / -strom Rated voltage / current Tension / intensité assignée	Einzelteile: Knüpfhülle / Stecker Component parts: Insulator / Plug Pièces détachées : Capuchon isolant / Fiche		*Farben *Colours *Couleurs
XL-410	66.9196-*	1000 V, CAT II / max. 32 A	XKT-410S, 66.1000-* / XLS-410, 66.1001	Ni	<span style="background-color: #212121; color: white; padding: 2px;">21</span> <span style="background-color: #FF0000; color: white; padding: 2px;">22</span> <span style="background-color: #0000FF; color: white; padding: 2px;">23</span> <span style="background-color: #FFD700; color: black; padding: 2px;">24</span> <span style="background-color: #90EE90; color: black; padding: 2px;">25</span> <span style="background-color: #800080; color: white; padding: 2px;">26</span> <span style="background-color: #8B4513; color: black; padding: 2px;">27</span> <span style="background-color: #212121; color: white; padding: 2px;">29</span>

**Abgewinkelte Ø 4 mm-Stecker**  
**SLS425-SW SLS425-SW/A**

**Angled Ø 4 mm Plugs**


Right-angled Ø 4 mm plug with spring-loaded Multilam™ for self-assembly of test leads. With rigid insulating sleeve. Nickel-plated and gold-plated versions available.  
**Solder connection.**

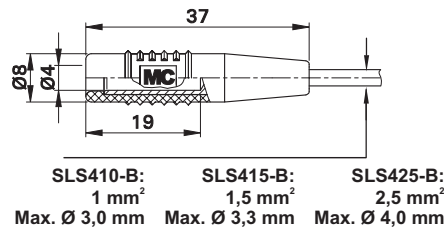
**Fiches Ø 4 mm coudées**


Fiche à lamelles Ø 4 mm coudée à 90°, destinée à la confection de cordons de mesure. Protégée par un fourreau isolant rigide. Disponibles en versions dorée et nickelée.  
**Raccord à souder.**

90° abgewinkelte Ø 4 mm-Stecker mit federnder Kontaktlamelle für die Selbstmontage von Messleitungen. Mit starrer Isolierhülse. Vernickelte und vergoldete Version.  
**Lötanschluss.**

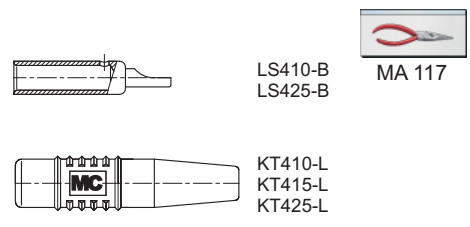
Typ Type Type	Best.-Nr. Order No. N° de Cde	Bemessungsspannung / -strom Rated voltage / current Tension / intensité assignée	Einzelteile: Knüpfhülle / Stecker Component parts: Insulator / Plug Pièces détachées : Capuchon isolant / Fiche		*Farben *Colours *Couleurs
SLS425-SW	22.2667-*	500 V, CAT II / max. 32 A	KT425-SW, 22.2370-*/ LS425-SW, 22.1042	Ni	20 21 22 23 24 25 26
SLS425-SW/A	22.2668-*	500 V, CAT II / max. 32 A	KT425-SW, 22.2370-*/ LS425-SW/A, 22.1045	Au	20 21 22 23 24 25 26

**Axiale Ø 4 mm-Buchsen**  
**SLS410-B SLS415-B SLS425-B**

**In-line Ø 4 mm Sockets**


Starre Ø 4 mm-Buchsen für die Selbstmontage von Messleitungen. Weiche Isolierhülle.  
**Lötanschluss.**

Ø 4 mm rigid sockets for self-assembly of test leads. Soft insulator.  
**Solder connection.**

**Douilles Ø 4 mm droites**


Douilles rigides Ø 4 mm, destinées à la confection de cordons de mesure. Manchon isolant souple.  
**Raccord à souder.**

Typ Type Type	Best.-Nr. Order No. N° de Cde	Bemessungsspannung / -strom Rated voltage / current Tension / intensité assignée	Einzelteile: Knüpfhülle / Buchse Component parts: Insulator / Socket Pièces détachées : Capuchon isolant / Douille		*Farben *Colours *Couleurs
SLS410-B	22.2649-*	30 V <sub>AC</sub> ~ 60 V <sub>DC</sub> / max. 19 A	KT410-L, 22.2170-*/ LS410-B, 22.1012	Au	21 22 23 24 25 26 27 28 29
SLS415-B	22.2650-*	30 V <sub>AC</sub> ~ 60 V <sub>DC</sub> / max. 24 A	KT415-L, 22.2180-*/ LS410-B, 22.1012	Au	21 22 23 24 25
SLS425-B	22.2651-*	30 V <sub>AC</sub> ~ 60 V <sub>DC</sub> / max. 32 A	KT425-L, 22.2190-*/ LS425-B, 22.1016	Au	21 22 23 24 25 29