

Marking for Terminal Blocks



Order No	Product	Size	Color
1020 100	SLF - P1 W	11,2mmx15mm	White
1020 110	SLF - P2 W	4,9mmx15mm	White

*See page 40-46 for terminal blocks selection guide.

- Strip labels provide a higher surface gloss as thermal process brings long-lasting marking solutions.
- High degree of tear resistance and tear propagation resistance. This product resists water, chemicals, grease and oils.

Self Adhesive Cable Markers - TTSL Series



- Wrap around self-adhesive cable labels.
- Consists of two parts, printable area is white and the rest is transparent.
- The transparent area provides protection for printed area.
- Mounting Type: Wrap around the cable.
- Material: Vinil 0.25mm
- Roller Core: 40mm



Order No	Product	Print Area	Cable Diameter	Color
808 070	TTSL 40- WH 12,7X19,5 D3	12,7x9,5mm	2-3mm	White
808 071	TTSL 40- WH 19X23,8 D4	19x9,5mm	2,5-4,5mm	White
808 072	TTSL 40- WH 12,7X36,5 D7	12,7x12,7mm	3,9x7,6mm	White
808 073	TTSL 40- WH 19X44,5 D10	19x12,7mm	4,7-10mm	White
808 074	TTSL 40- WH 25,4X36,5 D7	25,4x12,7mm	3,9-7,6mm	White
808 075	TTSL 40- WH 25,4X57,15 D12	25,4x19mm	6-12mm	White
808 076	TTSL 40- WH 25,4X92,25 D22	25,4x25,4mm	10-22mm	White
808 077	TTSL 40- WH 25,4X152,4 D36	25,4x38,1mm	16-36mm	White
808 078	TTSL 40- WH 50,8X92,25 D22	50,8x25,4mm	10-22mm	White
808 079	TTSL 40- WH 50,8X177,8 D44	50,8x38,1mm	19-44,5mm	White

Printable Heatshrink Markers - HSL Series



Order No	Product	Cross- Section (mm²)	Length (m)	Color
579 010	HSL-02-Y	0.25 - 1	400	Yellow
579 011	HSL-03-Y	1 - 1.5	400	Yellow
579 012	HSL-4.5-Y	2.5	100	Yellow
579 013	HSL-06-Y	4 - 6	200	Yellow
579 014	HSL-10-Y	6 - 10	100	Yellow

*Heat shrink tubing is printed with 1020013 coded ribbon.

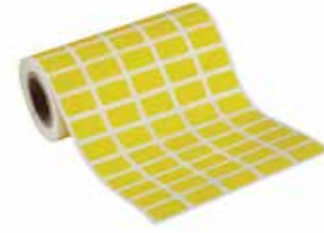
Cable Labels (Use With Cable Tie)



Order No	Product	Print Area (mm)	Cable Ø	Cable Tie Hole Size	Color
808 473	TTKB 60x10 YL/W	44x10mm	2-10	5x2mm	Yellow/White
808 474	TTKB 60x10 RD/W	44x10mm	2-10	5x2mm	Red/White
808 475	TTKB 60x10 BL/W	44x10mm	2-10	5x2mm	Blue/White
808 476	TTKB 60x10 GN/W	44x10mm	2-10	5x2mm	Green/White
808 477	TTKB 60x10 SV/W	44x10mm	2-10	5x2mm	Silver/White

* TTKB label is double colored.

Polyester Markers - PYE - SPYE Series



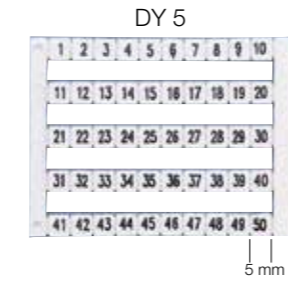
Order No	Product	Print Area	Color
808 403	PYE-01 YL	17x10mm	Yellow
808 404	PYE-02 YL	15x6mm	Yellow
808 405	PYE-03 YL	12x9mm	Yellow
808 406	PYE-04 YL	15x9mm	Yellow
808 409	PYE-05 YL	18x8mm	Yellow

Thick Panel/Button Markers - ETPS Series



Order No	Product	Print Area	Color
808 064	ETPS 40-SV 27x12.5	27x12.5mm	Silver
808 065	ETPS 40-SV 27x15	27x15mm	Silver
808 066	ETPS 40-SV 35x18	35x18mm	Silver
808 067	ETPS 40-SV 45x15	45x15mm	Silver
808 068	ETPS 40-SV 60x30	60x30mm	Silver
808 069	ETPS 40-SV 90x45	90x45mm	Silver

Klemsan Printed Marking Tags



Cat.No.	Type	Description
505 000	DY 5	0
505 001	DY 5	1
505 002	DY 5	2
505 003	DY 5	3
505 004	DY 5	4
505 005	DY 5	5

Cat.No.	Type	Description
505 006	DY 5	6
505 007	DY 5	7
505 008	DY 5	8
505 009	DY 5	9
505 010	DY 5	10

Klemsan Wire Marking Tags

Closed Type				
Numbers	KG 1	KG 2	Qty.	Color
0	515 000	516 000	1000/500	Yellow
1	515 001	516 001	1000/500	Yellow
2	515 002	516 002	1000/500	Yellow
3	515 003	516 003	1000/500	Yellow
4	515 004	516 004	1000/500	Yellow
5	515 005	516 005	1000/500	Yellow
6	515 006	516 006	1000/500	Yellow
7	515 007	516 007	1000/500	Yellow
8	515 008	516 008	1000/500	Yellow
9	515 009	516 009	1000/500	Yellow
Signs				
Mp	515 040	516 040	1000/500	Blue
S	515 041	516 041	1000/500	Green
T	515 042	516 042	1000/500	Red
+	515 043	516 043	1000/500	Red
-	515 044	516 044	1000/500	Blue
±	515 045	516 045	1000/500	Yellow
(515 046	516 046	1000/500	Yellow
.	515 047	516 047	1000/500	Yellow
/	515 048	516 048	1000/500	Yellow

Open Type					
Numbers	KE 1	KE 2	KE 3	Qty.	Color
0	517 000	518 000	519 000	500	Black
1	517 001	518 001	519 001	500	Brown
2	517 002	518 002	519 002	500	Red
3	517 003	518 003	519 003	500	Orange
4	517 004	518 004	519 004	500	Yellow
5	517 005	518 005	519 005	500	Green
6	517 006	518 006	519 006	500	Blue
7	517 007	518 007	519 007	500	Purple
8	517 008	518 008	519 008	500	Grey
9	517 009	518 009	519 009	500	White
Signs					
Mp	517 040	518 040	519 040	200	Yellow
+	517 043	518 043	519 043	200	Yellow
-	517 044	518 044	519 044	200	Yellow
±	517 045	518 045	519 045	200	Yellow
(517 046	518 046	519 046	200	Yellow
.	517 047	518 047	519 047	200	Yellow
/	517 048	518 048	519 048	200	Yellow

Technical Specifications	KG 1	KG 2	KE 1	KE 2	KE 3
External insulation, mm²	2,4 - 4,4	4 - 8,5	-	-	-
Cross section, mm²	0,75 - 4	4 - 16	0,75 - 1,5	1,5 - 2,5	4 - 6

Klemark PRO

Software

KlemarkPRO is developed by Klemsan in order to manage all kinds of marking projects through one software.

- Easy setup. Operator needs only basic computer skills.
- Compatible with all Klemsan printers.
- Provides high performance for printing all types of texts, symbols and images.
- Advanced features provide high-quality preview and quick operation.
- Graphic design and Klecard universal drivers can be automatically uploaded during set-up. (Windows® compatibility.)

Software Features

Reconfiguration Oriented Project

The marking project is a relational database which can be continuously reconfigured, by sorting and grouping different materials on different machines. You can modify, complete your project or adapt it to different system configurations in an efficient way with minimum effort.

Intuitive User Interface That Complies with the WYSIWYG (What You See is What You Get)

Philosophy of MS-Windows

The user can manage these records in a combined Tree-Grid view with sorting, filtering and grouping functions.

- The preview of project pages is automatically updated after editing as immediate feedback.
- Visual editing in preview screen and synchronization with the Tree-Grid view.
- Undo/Redo functions for project operations on records/project.
- Clipart collection of symbols by dragging and dropping into the project (in Graphic Mode).
- Simple Text and RTF (rich-text-format) editing capability on labels.
- Graphic Editor for labels with support for RTF, Barcode, QR-Code, circular text, vector and raster images.

International Language Support

The application fully supports UNICODE languages for the user interface and for the text to be marked.

KLECARD – Thermal Card Printer TE 310 – Thermal Roll Printer



The fastest and easiest way for marking a wide variety of labels and tags is only possible with Klecard itself.

- Terminal Blocks
- Cables
- Panel Surface and Components
- All Kinds of Industrial Products and Devices

can be easily marked with thermal transfer technology.

Windows® based driver will provide ease of use. Even smallest symbols, drawings, barcodes and QR Codes can be printed.

Specifications

Technology	Thermal transfer
Quality	300 x 600 dpi
Speed	Up to 1 inch per second
Temperature	+15°C + 35°C
Relative humidity	30% to 85% without condensation
Printable width	105 mm
Printable area	105 x 140 mm max
Connection	USB 2.0
Voltage	24V DC / 3.75A
Ink	110 mm x 300 mt resin ribbon
Certification	CE
Print resistance	CEI 16-7, EN 60950-1, EN 61010-1, EN 60464-2
Dimensions	393 (L) x 230 (W) x 244 (H) mm
Weight	9,5 Kg
Driver	Windows 7, Windows 8, Windows 10
Graphics	Bitmaps, barcodes, vectors and text
Other	Ribbon saving algorithm
	Built-in printhead monitoring
	Automatic printhead temperature detection
	Built-in diagnostic tests
Human interface	2 button, 2 x 16-digit LCD Display



High-speed TE 310 thermal transfer printer is designed for marking labels and tags within roll format. Light and compact design of the printer ensures the ease of use in the most challenging field conditions. All kinds of panel building components such as cable markers, terminal strip labels and other industrial labels can be marked with TE 310.

Specifications

Printer Model:	TE 310
Resolution in DPI:	300
Printing Method:	Thermal Transfer & Thermal Direct
Printing Speed:	204 mm/s (8")
Max. Width:	105,7 mm/s (4,16")
Max. Length:	11.430 mm/s (450")
Dimensions (mm):	204 mm (G) x 164 mm (Y) x 280 mm (B)
Dimensions (inch):	8,31" (G) x 6,45" (Y) x 11,02" (B)
Weight:	2,5 kg
Label Rolls:	112 mm (4,4") outer diameter
Ribbon:	300 m meters max. length; 67 mm outer diameter; 1" core diameter
Ribbon Width:	30 mm to 110 mm (1,18" to 4,3")
Connection:	USB2.0, RS-232, Internal Ethernet 10/100 Mbps, USB host
Power Supply:	Input: AC 100-240V, 2.5A, 50-60Hz Output: DC 24V, 2.5A, 60W
Material Width:	20 to 112 mm (0,8" to 4,4")
Material Thickness:	0,06 to 0,190 mm (2,36" to 7,48 mil)
Label Length:	105,7 to 11.430 mm; (4,16" to 450")
Environmental	Operation: 5 to 40°C, 25 to 85% humidity (non-condensing)
Conditions:	Storage: -40 to 60°C, 10 to 90% humidity (non-condensing)
Environment Protection:	Corresponds to RoHS, WEEE
Accessories:	User Guide; USB Cable; Power Cord; External Universal Power Supply, 1" label spindle, fixing tab x 2, 1" ribbon spindle 1.5" adapter x 2
Warranty:	Printer: 2 years; Print head: 25 km (1 million inches) or 12 months, whichever ends first; Back-pressure roller: 50 km (2 million inches) or 12 months, whichever ends first

Marking for Terminal Blocks



Order No	Product	Print Area (mm)	Color
811 750	D-NS 5x10	4,2x9,8	White
812 250	D-NS 6x10	5,2x9,8	White
812 750	D-NS 8x10	7,2x9,8	White
813 100	D-NS 10x10	9,2x9,8	White
813 450	D-NS 12x10	11,2x9,8	White
810 300	D-NS 5x6	4,4x6,0	White
810 450	D-NS 5,2x6	4,4x6,0	White
810 150	D-NS 4,2x6	3,6x6,0	White
810 600	D-NS 6,2x6	5,4x6,0	White
810 750	D-NS 8x6	6,4x6,0	White
811 000	D-NS 10x6	8,4x6,0	White
811 250	D-NS 12x6	10,4x6,0	White
813 800	D-NS 14x10	12,4x10,0	White
814 150	D-NS 20x9	18,4x10,0	White

Marking Strips

Order No	808 458
Product	KCSLF-W
Print Area	11,2x100 mm
Color	White



Marking For Cables

- High impact strength PVC.
 - Thickness: 500 microns
 - Surface: Glossy
 - Durable and impact resistant.
 - This product resists water, chemicals, grease and oils.
 - KCPM cable markers designed for marking cables.
- Markers must be inserted into transparent holders.
- Temperature range: - 30°C + 60°C



Order No	Product	Print Area	Color
808 951	KCPM-W 4x10	4x10mm	White
808 952	KCPM-W 4x15	4x15mm	White
808 953	KCPM-W 4x23	4x23mm	White
808 954	KCPM-W 4x30	4x30mm	White
808 955	KCPM-W 4x18	4x18mm	White

Marking For Cables



Order No	Product	Print Area	Max. Cable Diameter	Max. Num. of Charac.	Color
814 300	KE1-NS 4x12 W (0,5-1,5mm ²)	4x12mm	2,00-2,90	8	White
814 500	KE2-NS 4x12 W (1,5-2,5mm ²)	4x12mm	2,90-3,50	8	White
814 700	KE3-NS 4x12 W (4,0-6,0mm ²)	4x12mm	4,00-4,60	8	White
814 900	KE1-NS 4x18 W (0,5-1,5mm ²)	4x18mm	2,00-2,90	13	White
815 100	KE2-NS 4x18 W (1,5-2,5mm ²)	4x18mm	2,90-3,50	13	White
815 300	KE3-NS 4x18 W (4,0-6,0mm ²)	4x18mm	4,00-4,60	13	White
815 500	KE1-NS 4x22 W (0,5-1,5 mm ²)	4x22mm	2,00-2,90	16	White
815 700	KE2-NS 4x22 W (1,5-2,5 mm ²)	4x22mm	2,90-3,50	16	White
815 900	KE3-NS 4x22 W (4,0-6,0 mm ²)	4x22mm	4,00-4,60	16	White
814 303	KE1-NS 4x12 Y (0,5-1,5mm ²)	4x12mm	2,00-2,90	8	Yellow
814 503	KE2-NS 4x12 Y (1,5-2,5mm ²)	4x12mm	2,90-3,50	8	Yellow
814 703	KE3-NS 4x12 Y (4,0-6,0mm ²)	4x12mm	4,00-4,60	8	Yellow
814 903	KE1-NS 4x18 Y (0,5-1,5mm ²)	4x18mm	2,00-2,90	13	Yellow
815 103	KE2-NS 4x18 Y (1,5-2,5mm ²)	4x18mm	2,90-3,50	13	Yellow
815 303	KE3-NS 4x18 Y (4,0-6,0mm ²)	4x18mm	4,00-4,60	13	Yellow
815 503	KE1-NS 4x22 Y (0,5-1,5 mm ²)	4x22mm	2,00-2,90	16	Yellow
815 703	KE2-NS 4x22 Y (1,5-2,5 mm ²)	4x22mm	2,90-3,50	16	Yellow
815 903	KE3-NS 4x22 Y (4,0-6,0 mm ²)	4x22mm	4,00-4,60	16	Yellow

Halogen Free VO raw material.