BPW • THE QUALITY FACTOR

ERMAX®
Lighting systems

TRANSPORT-TEKNIK

Ermax Lighting Systems

ERMAX is the brand name of a complete lighting system for trailers developed by Transport-Teknik A/S.

Transport-Teknik is a Danish trading company which is a member of the BPW group, BPW Bergische Achsen, based in Wiehl in Germany.

Transport-Teknik A/S took over the company Ermax A/S in 2004. Ermax – founded in 1948 - was a Danish producer of lighting and electric components. Today Ermax is the product brand for all our lighting systems for trailers.

Ermax is showcasing a programme of a newly developed lighting systems for trailers. The tail lamps are available in an LED and a bulb lamp version, both being available with 7 pole standard AMP connector.

The cable systems are available with or without junction box and with various connectors in order to meet all requirements.

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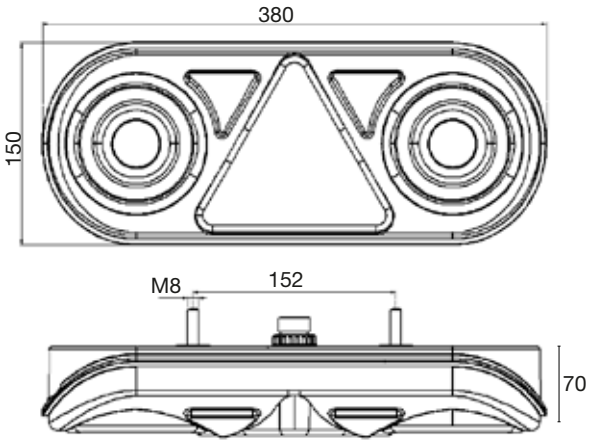
Trailermax 1 LED - Tail lamps, 24V

7 pin AMP connector

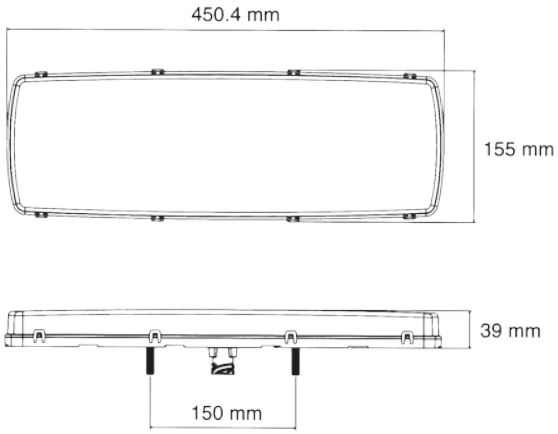


Functions

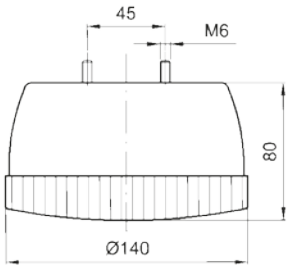
LH ← RH →	Tail-stop-direction indicator lamp	Reverse lamp, rear fog lamp, reflex reflector	Licence plate lamp	Side marker lamp	End outline marker lamp	Article No.
←	✓	✓				098 216 701
→	✓	✓				098 216 702
←	✓	✓		✓		098 216 703
→	✓	✓		✓		098 216 704
←	✓	✓	✓			098 216 705
→	✓	✓	✓			098 216 706
←	✓	✓	✓	✓		098 216 707
→	✓	✓	✓	✓		098 216 708
←	✓	✓			✓	098 216 713
→	✓	✓			✓	098 216 714
←	✓	✓	✓		✓	098 216 718
→	✓	✓	✓		✓	098 216 717

	Protection cap for tail lamp	098 296 715

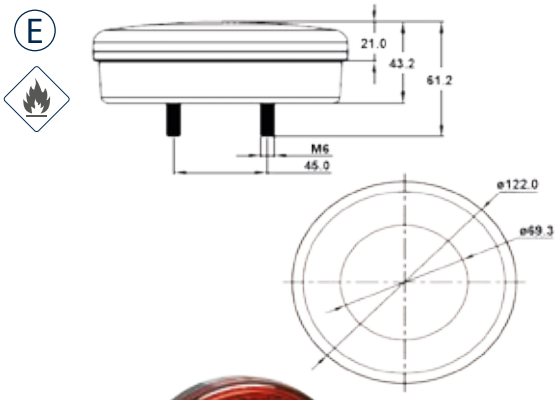
Trailermax 2 LED - Tail lamps

	Description	Article No.
7 pin AMP connector 	**LED trailer tail lamp with integrated triangular reflex reflector** 24V operation voltage 7 pin AMP 1.5 connection Consumption: 9W **Functions:** Tail-stop- direction indicator- rear fog-reverse and side marker lamp	
	LED Tail lamp Right	**098 215 740**
	LED Tail lamp Left	**098 215 745**
	Protection cover for tail lamp	**098 296 715**

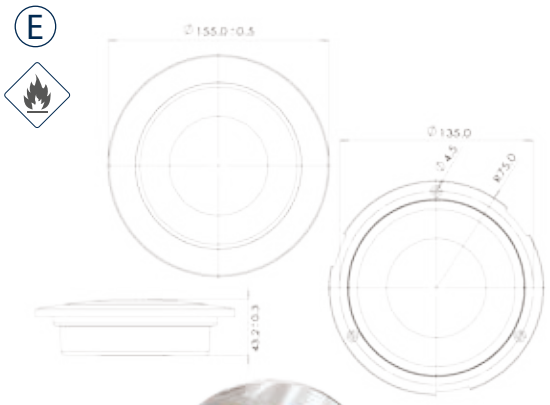
Trailermax 4 LED - Tail lamps

	Description	Article No.
	**Tail lamps with black plastic housing - Ø140 mm** **24V operation voltage**	
   7 pin AMP connector	**LED Tail lamp** Position-, stop- and direction indicator lamp with rubber grommet 7 pin AMP connection	 **098 212 344** **098 212 346**
   7 pin AMP connector	**LED reverse lamp** with rubber grommet with 7 pin AMP connection	 **098 256 345** **098 256 346**
   7 pin AMP connector	**LED Rear fog lamp** with rubber grommet with 7 pin AMP connection	 **098 257 349** **098 257 346**
	Chrome ring and built-in set	**098 292 360**
	Protection cover for tail lamp	**098 296 720**

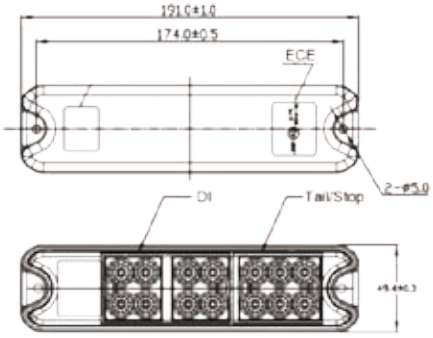
Trailermax 6 LED - Round tail lamps without chrome rim

	Description	Article No.
	**Round tail lamps Ø122 mm without chrome rim** 10-30V operation voltage Ø122 mm Bolt distance: 44 mm M6 Dimension:Ø122 x 43.2 mm Working temperature: -30°C til +65°C IP67	
7 pin AMP connector	**LED Tail lamp** Position-, stop- and direction indicator lamp	
	250 cm connection cable with “open end”	**098 212 026**
	200 cm connection cable with 7 pin AMP socket	**098 212 027**
	20 cm connection cable with 7 pin AMP plug	**098 212 028**
7 pin AMP connector	LED Tail lamp Position- and stop lamp	
	250 cm connection cable with “open end”	**098 212 126**
	200 cm connection cable with 7 pin AMP socket	**098 212 127**
	20 cm connection cable with 7 pin AMP plug	**098 212 128**
	LED Direction Indicator lamp	
	250 cm connection cable with “open end”	**098 222 026**
	100 cm connection cable with “Super seal”	**098 222 027**
	LED Reverse lamp	
	250 cm connection cable with “open end”	**098 256 026**
	100 cm connection cable with “Super seal”	**098 256 027**
	LED Rear fog lamp	
	250 cm connection cable with “open end”	**098 257 026**
	100 cm connection cable with “Super seal”	**098 257 027**
7 pin AMP connector	**LED Rear fog- and reverse lamp**	
	250 cm connection cable with “open end”	**098 255 026**
	200 cm connection cable with 7 pin AMP socket	**098 255 027**
	20 cm connection cable with 7 pin AMP plug	**098 255 028**

Trailermax 7 LED - Round tail lamps with chrome rim

	Desription	Article No.
	**Round tail lamps Ø122 mm with chrome rim** 10-30V operation voltage Ø127 mm Bolt distance: 44 mm M6 Mounting holes: 3 pcs. Ø4,5 mm in 120⁰ spred in Ø135 mm Dimension: Ø155 x 43.2 mm Working temperature: -30°C til +65°C IP67	
7 pin AMP connector	**LED Tail lamp** Position-, stop- and direction indicator lamp 250 cm connection cable with “open end” 200 cm connection cable with 7 pin AMP socket 20 cm connection cable with 7 pin AMP plug	 **098 212 016** **098 212 017** **098 212 018**
7 pin AMP connector	**LED Tail lamp** Position- and stop lamp 250 cm connection cable with “open end” 200 cm connection cable with 7 pin AMP socket 20 cm connection cable with 7 pin AMP plug	 **098 212 116** **098 212 117** **098 212 118**
	LED Direction Indicator lamp 250 cm connection cable with “open end” 100 cm connection cable with “Super seal”	 **098 222 016** **098 222 018**
	LED Reverse lamp 250 cm connection cable with “open end” 100 cm connection cable with “Super seal”	 **098 256 016** **098 256 018**
	LED Rear fog lamp 250 cm connection cable with “open end” 100 cm connection cable with “Super seal”	 **098 257 016** **098 257 018**
7 pin AMP connector	**LED Rear fog- and reverse lamp** 250 cm connection cable with “open end” 200 cm connection cable with 7 pin AMP socket 20 cm connection cable with 7 pin AMP plug	 **098 255 016** **098 255 017** **098 255 018**

LED - Tail lamps

	Description	Article No.
Ⓔ  **7 pin AMP connector**	**LED tail lamp** **With reflex reflector** **Clear PMMA lens** **Black ABS base** **Tightness: IP67** **Working temperature: -40°C - +65°C** **Consumption: Stop light: 1,5W; Tail light: 0,5W; Flasher light: 1,5W** **Fog light: 3W; reversing light: 2W.**	
	LED tail lamp 10-30V operation voltage Tail-, stop-, and flasher light With 8 red and 10 amber SMD LED's	
	300 mm Cable open end	**098 212 273**
	200 mm Cable with AMP 1,5 plug	**098 212 274**
7 pin AMP connector	**LED fog-, and reversing lamp** 12-24V operation voltage With 8 red and 9 white SMD LED's	
	300 mm Cable open end	**098 255 273**
	200 mm Cable with AMP 1,5 plug	**098 255 274**

Trailermax 2 GL - Bulb version, 24V

Ⓔ

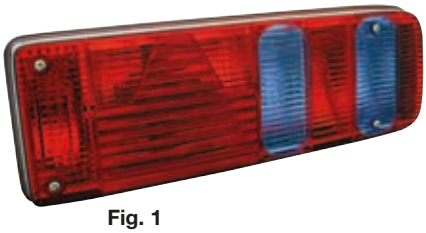
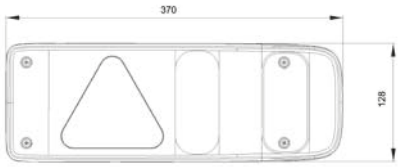


Fig. 1

Fig. 2



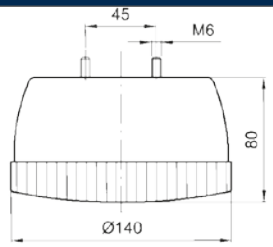
7 pin AMP connector

Functions

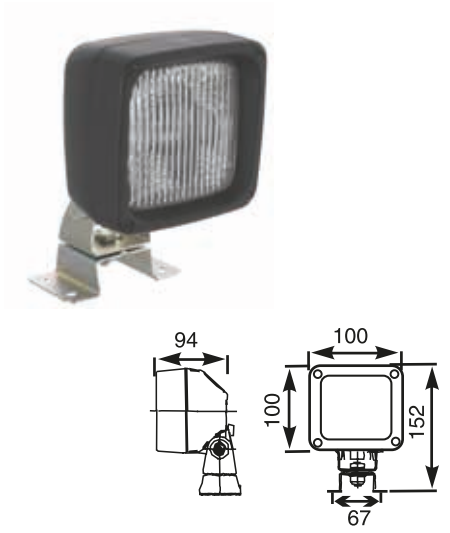
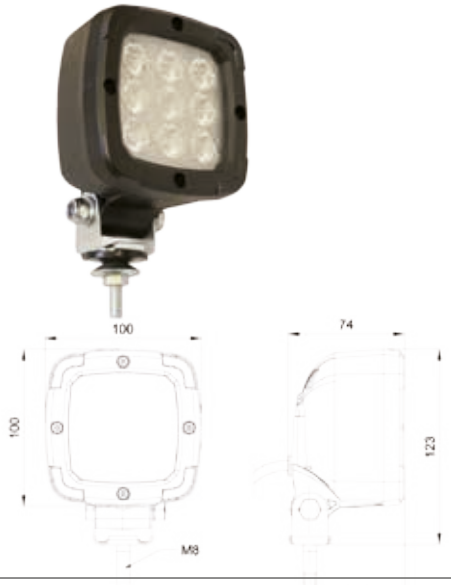
VE / LH ← HØ / RH →	Tail-stop-flasher lamp	Reverse lamp, rear fog lamp, reflex reflector	Licence plate lamp	Side marker lamp	End outline marker lamp	Fig.	Article No.
←	✓	✓				1	098 216 351
→	✓	✓				1	098 216 352
←	✓	✓		✓		1	098 216 353
→	✓	✓		✓		1	098 216 354
←	✓	✓	✓			1	098 216 355
→	✓	✓	✓			1	098 216 356
←	✓	✓	✓	✓		1	098 216 357
→	✓	✓	✓	✓		1	098 216 358
←	✓	✓			45^0	2	098 216 365
→	✓	✓			45^0	2	098 216 366
←	✓	✓	✓		45^0	2	098 216 367
→	✓	✓	✓		45^0	2	098 216 368
←	Lens					1	098 296 351
→	Lens					1	098 296 352

	Protection cover for tail lamp	098 296 715

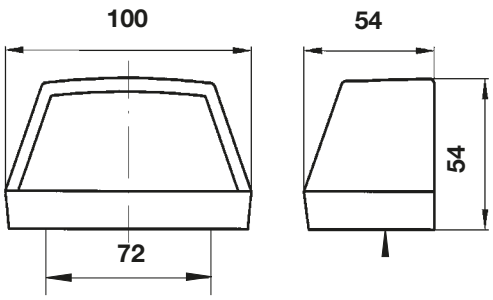
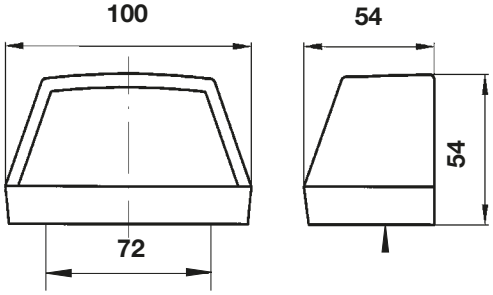
Trailermax GL - Bulb version

	Description	Article No.
Ⓔ 	**Tail lamps, bulb, Black plastic housing** **- Ø140 mm** - without bulb	
	Tail lamp Position-, stop- and direction indicator lamp with rubber grommet	**098 212 352**
	Tail lamp with number plate light, position-, stop- and direction indicator lamp with rubber grommet	**098 212 356**
7 pin AMP connector	**Tail lamp** Stop- and direction indicator lamp 7 pin AMP connection Black plastic housing	**098 212 351**
	Reversing lamp with rubber grommet	**098 256 040**
	Reversing lamp - H3 bulb with rubber grommet	**098 256 048**
	Rear fog lamp Cable lead through rubber grommet	**098 256 050**
	Chrome mounting set	**098 292 360**
	Protection cover for tail lamp	**098 296 720**

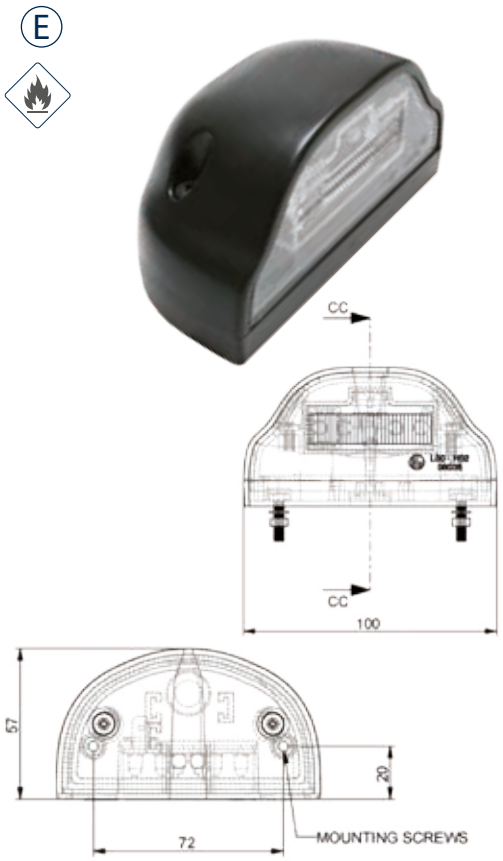
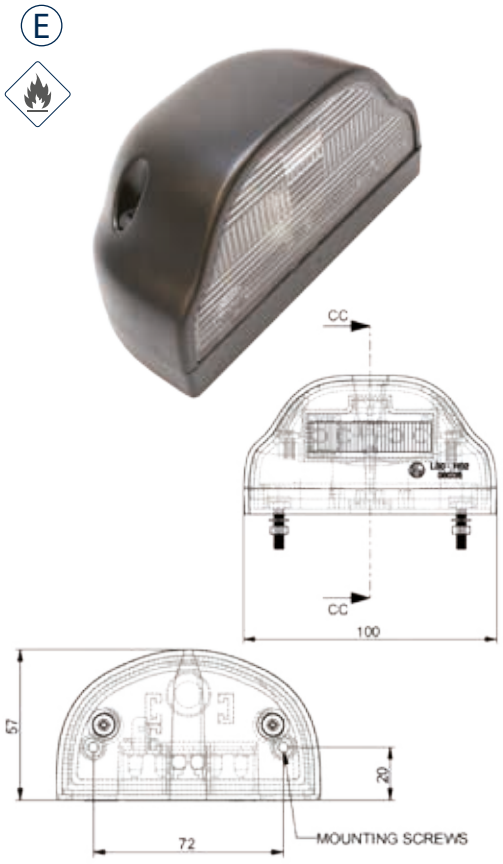
Reverse lamp - E-approved

	Description	Article No.
	**Reverse lamp H3** Black plastic housing Lens of mineral glass Anti-vibration mounting food Connection for 2 pole multi plug IP67	
	Built in 2 x 6,3 mm blade with rubber boot	**098 256 200**
	**Reversing lamp LED** With 9 high power Osram LED 10-50V operation voltage Heavy plastic housing with ventilation for cooling No risk of icing up, as the lamp glass is heated when the lamp is turned on Tip fittings with bolt M8 for mounting Light efficiency: 450 lumen IP68	
	140 cm connection cable with “Super seal” - plug	**098 256 494**
	140 cm connection cable “Open end”	**098 256 495**
	25 cm connection cable with “Super seal” - socket	**098 256 496**
	600 cm connection cable “Open end”	**098 256 497**
	600 cm connection cable with “Super seal” - plug	**098 256 499**
	Reversing lamp LED With 4 high power Osram LED 10-30V operation voltage Strong aluminium housing with ventilation for cooling IP67 Light efficiency: 700 lumen	
	1 metre cabel for connecting “Open end”	**098 256 080**

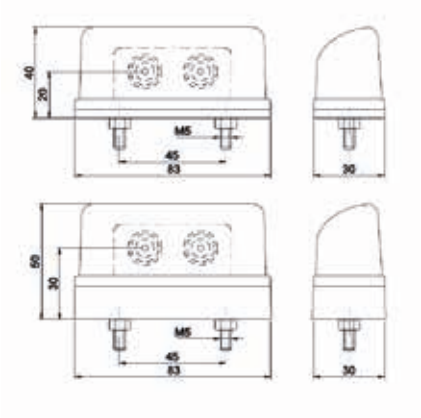
Numberplate lamps

	Description	Article No.
	**LED numberplate lamp** 24V operation voltage in black plastic housing	
	with cable lead through rubber grommet	**098 254 162**
	with 0,5 metre “Click-in” cable	**098 254 250**
	with 0,5 metre cable with “Super seal”	**098 254 252**
	with 1,5 metre “Click-in” cable	**098 254 253**
	**Numberplate lamp, bulb-version** 24V operation voltage in black plastic housing - Delivered with bulb	
	with cable lead through rubber grommet	**098 254 161**
	with 0,5 metre “Click-in” cable	**098 254 159**
	with 1,5 metre “Click-in” cable	**098 254 158**

Numberplate lamps

	Description	Article No.
	**LED numberplate lamp** 24V operation voltage in black plastic housing	
	with with cable lead through rubber grommet.	**098 254 244**
	with 0,5 metre “Click-in” cable	**098 254 247**
	with 1,5 metre cable with “Super seal”	**098 254 254**
	**Numberplate lamp, bulb-version** 24V operation voltage in black plastic housing	
	with cable lead through rubber grommet	**098 254 151**
	with 0,5 metre “Click-in” cable	**098 254 152**

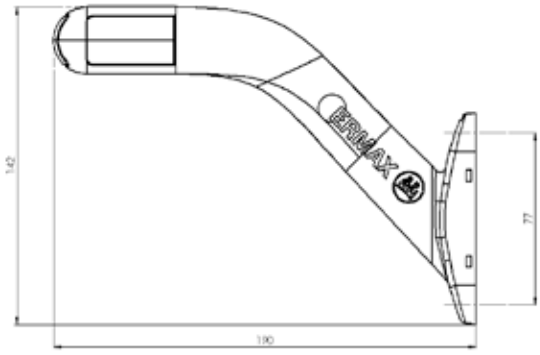
Numberplate lamps

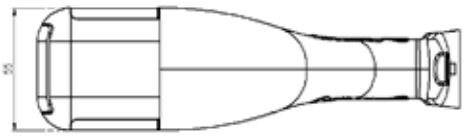
	Description	Article No.
	**License plate lamp LED** operation voltage 12-30V Polarity protected Temperature range: -40° - +100°C Consumption 0,04 Amp **with 0,5 metre click-in cable**	**098 254 117**

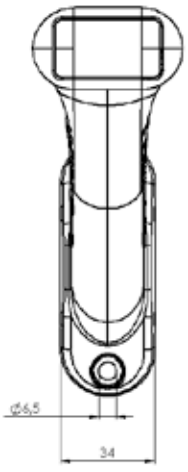
Numberplate holder

	Description	Article No.
(E)	**LED numberplate holder** 24V operation voltage integrated lighting on both sides **0,5 metre connection cable with “Click-in”**	**098 254 324**

Outermax 1 LED (45⁰)

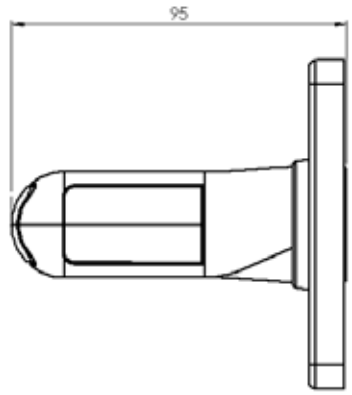


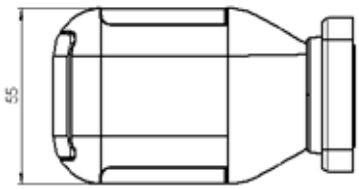


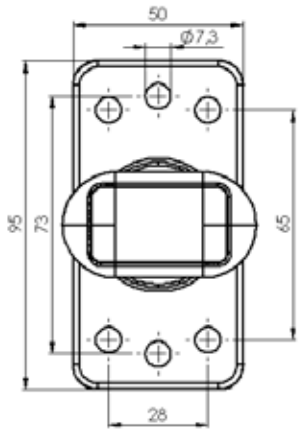


Description	Article No.
End outline marker lamps - angled 45⁰ **- Red, amber and clear glass** **- 12/24V operation voltage**	
45° End outline marker lamp with 1,5 metre ”Click in” cable Left	**098 241 422**
45° End outline marker lamp with 1,5 metre ”Click in” cable Right	**098 241 423**
45° End outline marker lamp with 1,5 metre cable “Super seal” Left	**098 241 425**
45° End outline marker lamp with 1,5 metre cable “Super seal” Right	**098 241 426**
45° End outline marker lamp with 1,5 metre “Open end” cable Left	**098 241 427**
45° End outline marker lamp with 1,5 metre “open end” cable Right	**098 241 428**
45° End outline marker lamp with 5,0 metre “open end” cable Left	**098 241 429**
45° End outline marker lamp with 5,0 metre “open end” cable Right	**098 241 430**

Outermax 1 LED - (short version)

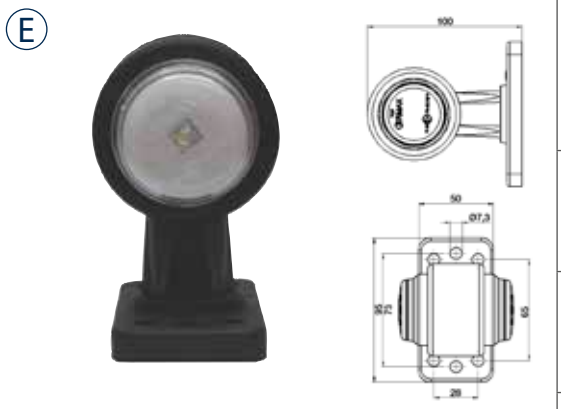
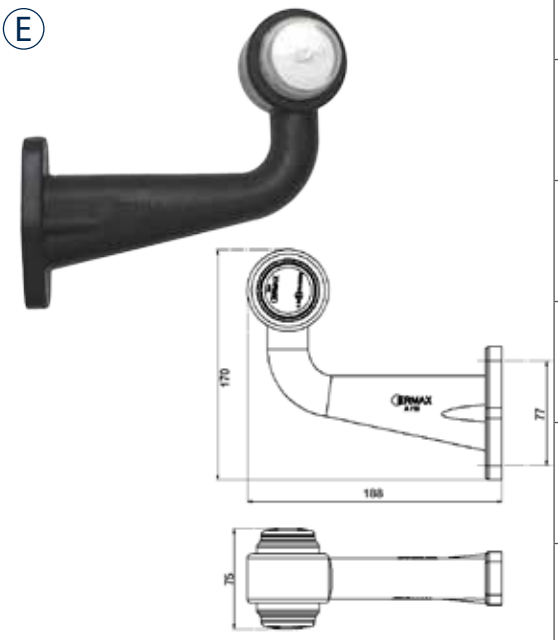






	Description	Article No.
	End outline marker lamps - short straight **- Red, amber and clear glass** **- 12/24V operation voltage**	
	Short straight End outline marker lamp with 1,5 metre cable ”Super seal”	**098 241 115**
	Short straight End outline marker lamp with 1,5 metre "Click in" cable	**098 241 411**
	Short straight End outline marker lamp with 1,5 metre "open end" cable	**098 241 415**
	Short straight End outline marker lamp with 5,0 metre "open end" cable	**098 241 417**

Outermax 2 LED

	Description	Article No.
	**End outline marker lamps with 2 impact resistant LED units. Black rubber housing with reinforced base plate.** **- Red and clear glass** **- 12/24V operation voltage**	
	Short straight End outline marker lamp 1 LED with 1,5 metre ”open end” cable	**098 241 016**
	Short straight End outline marker lamp 1 LED with 5,0 metre “open end” cable	**098 241 616**
	Inclined End outline marker lamp 1 LED with 0,5 metre cable “Super seal”	**098 241 816**
	Angled End outline marker lamp 1 LED with 1,5 metre “open end” cable	**098 241 026**
	Angled End outline marker lamp 1 LED with 5,0 metre “open end” cable	**098 241 626**
	Angled End outline marker lamp 1 LED with 1,5 metre “Click in” cable	**098 241 726**
	Angled End outline marker lamp 1 LED with 0,5 metre cable “Super seal”	**098 241 826**
	Inclined End outline marker lamp 1 LED with 1,5 metre “open end” cable	**098 241 086**
	Inclined End outline marker lamp 1 LED with 5,0 metre “open end” cable	**098 241 686**
	Inclined End outline marker lamp 1 LED with 0,5 metre cable “Super seal”	**098 241 886**
	Spareparts: **LED unit, red 1,25 metre** **LED unit, clear 1,25 metre**	**098 291 012** **098 291 016**

Outermax 2 GL - Bulb version

	Description	Article No.
	End outline marker lamp, angled. Black rubber housing with reinforced base plate **Mountet with 24V operation voltage / 10W bulb**	
	End outline marker lamp, angled with 1,5 metre connection cable and “click-in” adapter Delivered with bulb	**098 241 954**

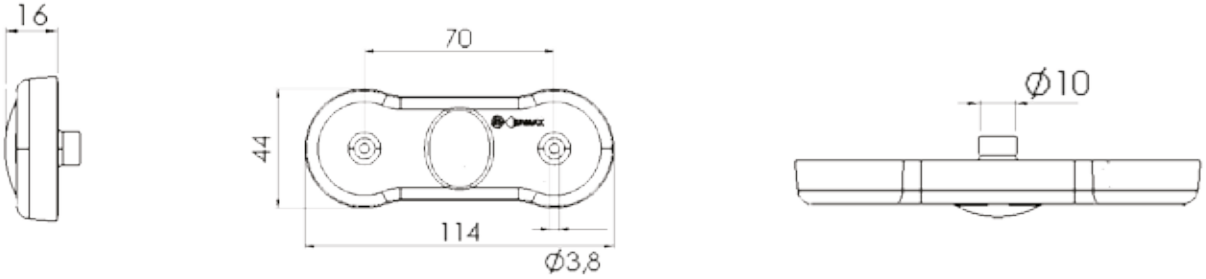
Outermax 3 LED

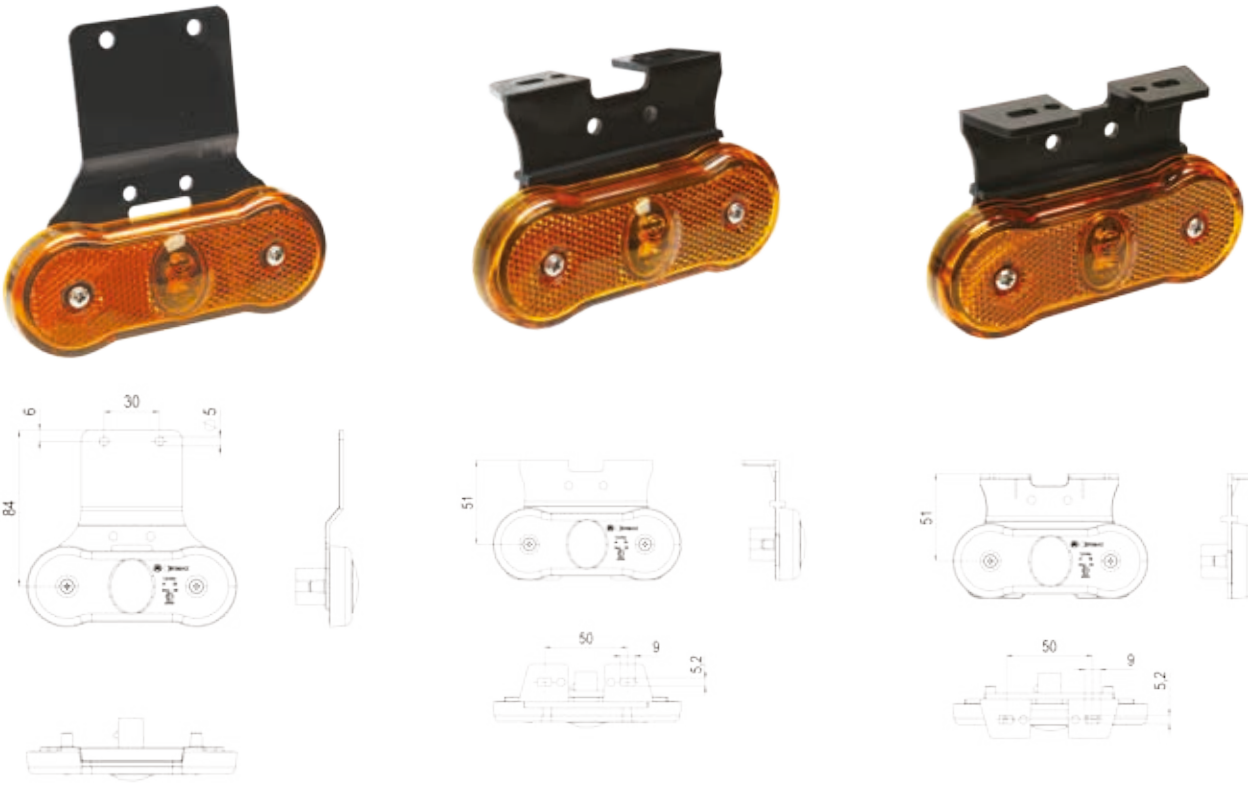
	Description	Article No.
	End outline marker lamps, Ø78 mm **- Red and clear glass with 2 diode units** **- 12/24V operation voltage**	
Ⓔ	**Short straight End outline marker lamp** with 475 mm “open end” cable	**098 241 065**
Ⓔ	**Angled End outline marker lamp** with 475 mm “open end” cable	**098 241 075**
	Spareparts: **LED unit, red 1,25 metre** **LED unit, clear 1,25 metre**	 **098 291 062** **098 291 064**

LED Position Lamps

	Description	Article No.
	LED position lamp 12-24V operation voltage with red lens 0,5 metre connection cable with “Click in” 1,5 metre connection cable with “Click in” 3,5 metre connection cable with “Click in”	 **098 204 105** **098 204 115** **098 204 135**
	LED position lamp 12-24V operation voltage with white lens 0,5 metre connection cable with “Click in” 1,5 metre connection cable with “Click in” 3,5 metre connection cable with “Click in”	 **098 230 105** **098 230 115** **098 230 135**

Sidermax 1 LED - 12/24V





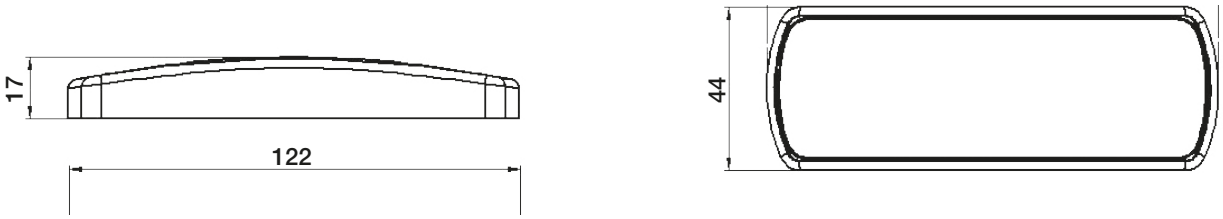
Sidermax 1 LED - 12/24V

Description	Side marker amber	Position light white	Position light red
”Super Seal” plug	098 221 620	098 230 401	098 204 501
”Super Seal” plug and straight mounting bracket	098 221 630		
”Super Seal” plug and 90° backwards mounting bracket	098 221 640		
”Super Seal” plug and 90° forward mounting bracket	098 221 650	098 230 430	
0,5 metre “Click-in” cable	098 221 621	098 230 405	098 204 502
1,5 metre “Click-in” cable	098 221 622	098 230 415	098 204 503
5,0 metre “Click-in” cable	098 221 623	098 230 450	098 204 504
0,5 metre “Click-in” cable and straight mounting bracket	098 221 631		
1,5 metre “Click-in” cable and straight mounting bracket	098 221 632		
0,5 metre “Click-in” cable and 90° backwards mounting bracket	098 221 641		
1,5 metre “Click-in” cable and 90° backwards mounting bracket	098 221 642		
0,5 metre “Click-in” kabel and 90° forward mounting bracket	098 221 651		
1,5 metre “Click-in” cable and 90° forward mounting bracket	098 221 652		
0,5 metre “open end” cable	098 221 624	098 230 420	098 204 505
1,5 metre “open end” cable	098 221 625	098 230 425	
5,0 metre “open end” cable	098 221 626	098 230 427	098 204 507

Accessories	Article No.
Angle bracket 90° backwards	098 292 620
Angle bracket 90° forwards	098 292 621
Straight bracket	098 292 622
Rivet - 20 pcs, black plastic, Ø4 mm	098 291 602
Rivet - 100 pcs, black plastic, Ø4 mm	098 291 610
Gasket - 10 pcs, black rubber	098 292 626

Sidermax 2 LED

Ⓔ



Description

4 light diodes and reflex reflectors

For horizontal or vertical mounting
Variable mounting hole distance 65-90 mm
Multi volt 9-33V, dual-polarity
IP67

	Side marker amber	Position light white	Position light red
0,5 metre cable ”open end”	**098 221 601**	**098 230 601**	**098 203 601**
5,0 metre cable “open end”	**098 221 605**	**098 230 605**	**098 203 605**
10,0 metre cable “open end”	**098 221 610**		
90° backwards mounting bracket and 0,5 metre cable “open end”	**098 221 611**		
90° backwards mounting bracket and 5,0 metre cable “open end”	**098 221 615**		

Accessories			Article No.
Gasket			**098 291 606**

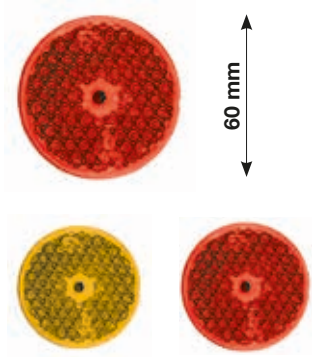
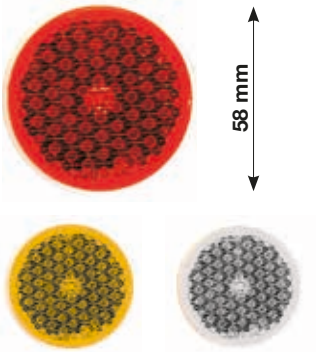
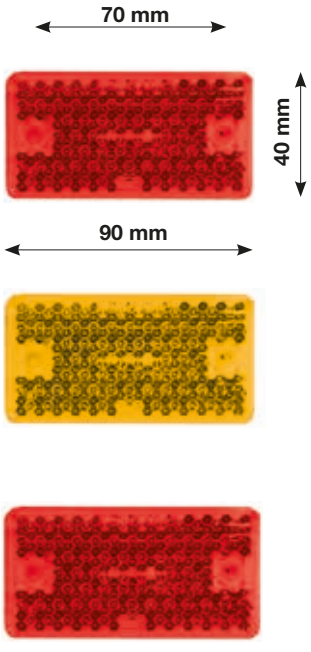
Rear bumper

	Description	Article No.
Ⓔ	**Rear bumper complete with LED lamps 24V** **Anodized aluminium profile mounted with:** **4 pcs. Ø122 mm LED rear, stop and flash lamps with chrome rim** **1 pcs. Ø122 mm LED rear fog lamp with chrome rim** **1 pcs. Ø122 mm LED reverse lamp with chrome rim** **2 pcs. LED licence plate lamps** **2 pcs. Triangle reflexes** **2 pcs. LED end outline marker lamp** **1 pcs. Junction box** **1 pcs. Holder for licence plate** **Measures (LxDxH) : 2400 x 220 x 250 mm** Lenght incl. markerlamps is 2780 mm	**098 259 620**
Ⓔ	**Rear bumper complete with LED lamps 24V** For trailers > 6000 mm 4 stk. LED tail lamps with rear-, stop-, and flasher light 2 stk. LED reversing-, and rear fog lamps 2 stk. LED license plate lamps 2 stk. LED marker lamp 2 stk. **Triangle reflexes** 1 stk. ADR approved junction box Mål (LxBxH): 2400 x 220 x 250 mm Lenght incl. markerlamps is 2780 mm	**098 259 610**
Ⓔ	**Rear bumper complete with LED lamps 24V** **Anodized aluminium profile mounted with:** **2 pcs. Rear, stop and flash lamps with triangle reflexes** **2 pcs. LED licence plate lamp** **2 pcs. LED end outline marker lamp** **2 pcs. Reversing lamps** **1 pcs. Holder for licence plate** **Rear bumper complete with LED lamps 24V** **Without Reversing lamps** **Measures (LxDxH) : 2400 x 220 x 250 mm** Lenght incl. markerlamps is 2780 mm *Approved as underrun protection at a frame width between 1250-1360 mm. A frame width between 840-1250 requires 2 pcs. extra reinforcement bracket part 098 299 601(not included).*	**098 259 625** **098 259 627**

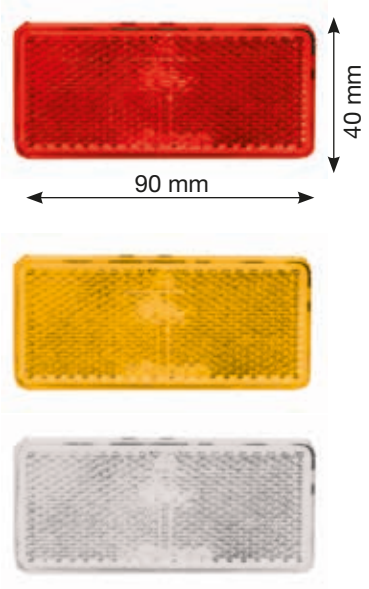
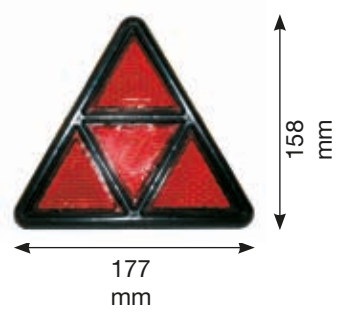
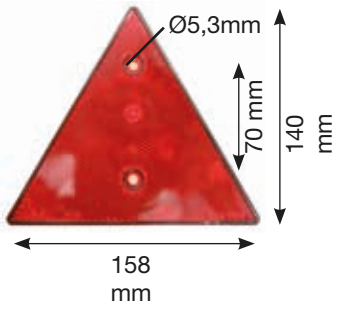
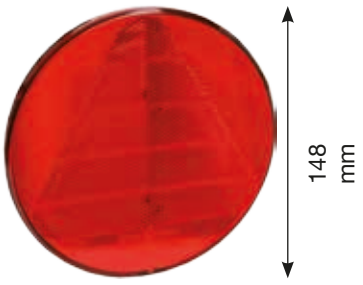
Rear bumper

	Description	Article No.
Ⓔ	**Rear bumper complete with tail lamps in bulb version 24V. Anodized aluminium profile mounted with:** 2 pcs. Rear, stop, flash, reverse and fog lamps with triangle reflexes **2 pcs. LED licence plate lamp** **2 pcs. LED end outline marker lamp** **1 pcs. Holder for licence plate** **1 pcs. Junction box**	**098 259 630**
	Rear bumper for directly mounting on the main cable **Without junction box** **Measures (LxDxH) : 2400 x 220 x 250 mm** Lenght incl. markerlamps is 2780 mm *Approved as underrun protection at a frame width between 1250-1360 mm. A frame width between 840-1250 requires 2 pcs. extra reinforcement bracket part (not included).*	**098 259 635**
	Reinforcement bracket for light bars A frame width between 840-1250 requires 2 pcs. reinforcement bracket. Suitable for article no. 098 259 625 098 259 627 098 259 630 098 259 635	**098 299 601**

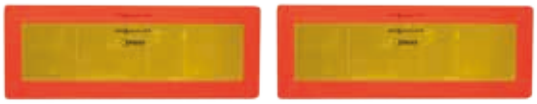
Reflex reflectors

	Description	Article No.
(E) 	**Reflex reflector with hole Ø 6,3 mm for screw fixing** **Colour** red yellow white	**098 261 060** **098 261 062** **098 261 064**
(E) 	**Reflex reflector with self-adhesive back** **Colour** red yellow white	**098 262 061** **098 262 063** **098 262 065**
(E) 	**Reflex reflector for screw fixing 2x4 mm screws** **Colour** red yellow white	**098 264 120** **098 264 122** **098 264 124**
	Reflex reflector for screw fixing 2x4 mm screws and self-adhesive **Colour** red yellow white	**098 265 130** **098 265 132** **098 265 134**

Reflex reflectors

	Description	Article No.
(E) 	**Reflex - self-adhesive back** **Colour** red yellow white	 **098 265 140** **098 265 142** **098 265 144**
(E) 	**4 red prism lenses** in black plastic housing. With 2x M5 fixing screws, screw distance 70,0 mm	**098 266 600**
(E) 	**Red triangular reflex reflector** with plastic base; black base **Red triangular reflex reflector** with plastic base; white base	**098 267 610** **098 267 620**
(E) 	**Triangular reflex reflector,** Ø148 mm For trailers PMMA lens and reflex reflector, ABS base 2 x M5 fixing screws	**098 267 630**

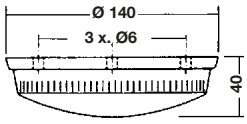
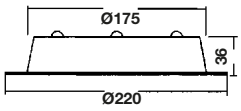
Reflex marker boards - ECE REG. 70.01

	Description		Article No.
Ⓔ 1130 x 200 mm	**Reflex marker boards for trailers**		
	Aluminium 1130 x 200 mm	**1 pcs.**	**098 269 411**
	Self-adhesive foil 1130 x 200	**1 pcs.**	**098 269 412**
Ⓔ  565 x 200 mm	**Aluminium 565 x 200 mm**	**2 pcs.**	**098 269 413**
	Self-adhesive foil 565 x 200 mm	**2 pcs.**	**098 269 414**
Ⓔ 285 x 200 mm	**Aluminium 285 x 200 mm**	**4 pcs.**	**098 269 415**
	Self-adhesive foil 285 x 200	**4 pcs.**	**098 269 416**

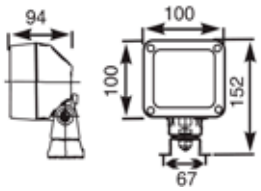
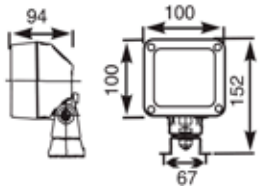
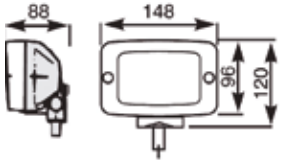
Contour marking

	Description	Article No.
Ⓔ ECE 104	**Self-adhesive, for rigid surfaces**	
50 m x 55 m	**Red contour marking** 50 m x 55 mm	**098 269 200**
	Yellow contour marking 50 m x 55 mm	**098 269 202**
	White contour marking 50 m x 55 mm	**098 269 204**

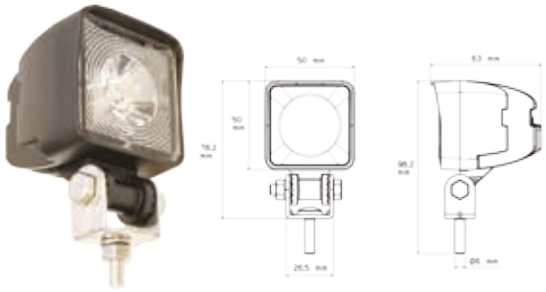
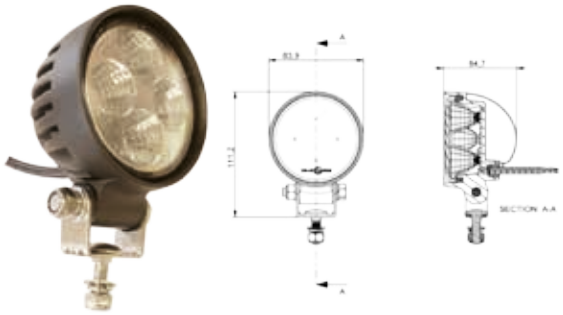
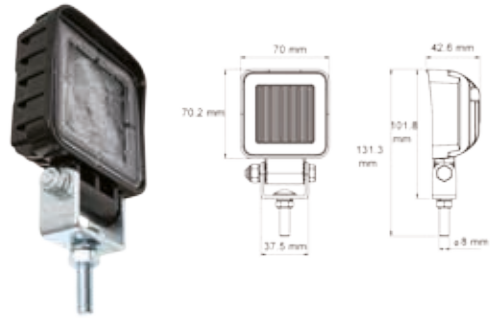
Interior lighting

	Description	Article No.
 098 271 081  098 271 092  	**Interior lamp** Stainless steel baseplate with rubber gasket Clear polycarbonate lens Cable lead through rubber grommet IP54 classified **Ermax interior lamp** surface mount version, bulb version **Ermax LED interior lamp** 9-33V operation voltage surface mount version **Ermax interior lamp** recessed version bulb version **Ermax LED interior** 9-33V operation voltage lamprecessed version	 **098 271 081** **098 274 086** **098 271 092** **098 274 096**
LED 	**Interior lamp 24V operation voltage - LED** Suitable for interior light, glove- og toolbox light, floor- or door light. Profile made of aluminium, white cap of unbreakable polycarbonate. LED light colour white or blue Elements can be combined to different lengths H= 15 mm B= 34,5 mm 25 cm connection cable “Open end” **Ermax 6 x LED L=130 mm** **Ermax 18 x LED L=370 mm** **Ermax 30 x LED L=610 mm**	 **098 274 406** **098 274 418** **098 274 430**

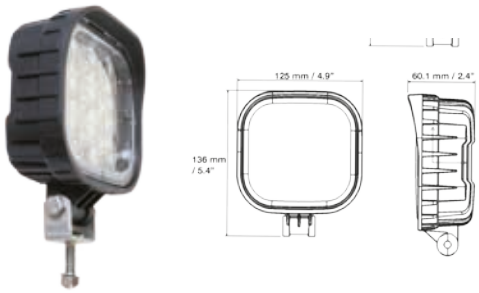
Workermax GL - for H3 bulbs

	Description	Article No.
	**Work lamp, anti-vibration** - without H3 bulb Measures: 100 x100 mm **Work lamp, anti-vibration** - with H3 bulb - 24V operation voltage Measures: 100 x100 mm	**098 173 585** **098 173 587**
	**Work lamp** - without H3 bulb Measures: 100 x100 mm **Work lamp in black plastic housing** - with H3 bulb - 24V operation voltage Measures: 100 x100 mm	**098 173 590** **098 173 594**
	**Work lamp with M8 bolt, with rubber grommet** - without H3 bulb Measures: 148 x120 mm	**098 173 510**

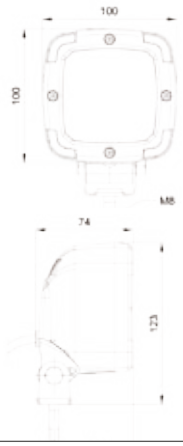
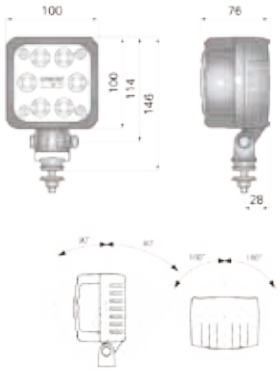
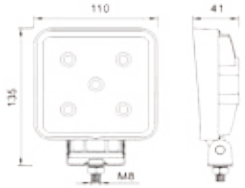
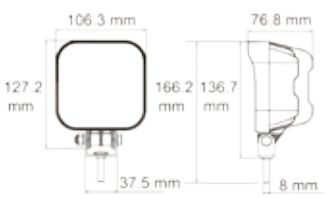
Workermax LED

	Description	Article No.
	**Work lamp in black aluminium housing** 12-36V operation voltage, 10W Measures: 50 x 50 x 63 mm 1 LED **800 Lumen - light pattern "Flood"** with 32 cm connection cable "Open end" IP69K Working temperature: -30°C til +50°C	**098 174 050**
	**Work lamp in black aluminium housing** 10-30V operation voltage Measures: Ø84 x 112 mm 4 high power LED **600 Lumen - light pattern "Flood"** with 50 cm connection cable "Open end" IP67 Working temperature: -40°C til +65°C	**098 174 080**
	**Work lamp in black aluminium housing** 12-36V operation voltage Measures: 70 x 70 mm 3 high power SMD LEDs **600 Lumen - light pattern "Flood"** with 30 cm connection cable "Open end"	**098 174 070**

Workermax LED

	Description	Article No.
	Work lamp in black aluminium housing 9-36V operation voltage Measures: 125 x 125 mm 6 LEDs 1200 Lumen - light pattern “Flood” **28 cm connection cable ”Open end”** **20 cm connection cable ”Super seal”**	 **098 174 145** **098 174 147**
	**Work lamp in black aluminium housing** 12-36V operation voltage Measures: 125 x 125 mm 9 LEDs **1800 Lumen - light pattern “Flood” - 12-36V/20W with 28 cm connection cable “Open end”** **1800 Lumen - light pattern “Flood” - 12-36V/20W with 150 cm connection cable “Open end”** **1800 Lumen - light pattern “Spot” - 9-36V with 28 cm connection cable “Open end”**	 **098 174 140** **098 174 143** **098 174 141**
	Work lamp in black aluminium housing 12-36V operation voltage - ADR Measures: 136 x 125 x 60 mm 9 LEDs **1800 Lumen - light pattern “Flood”** with 28 cm connection cable, with “Super seal” IP69K Working temperature: -30°C til +50°C	 **098 174 142**

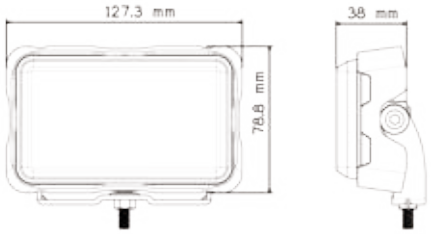
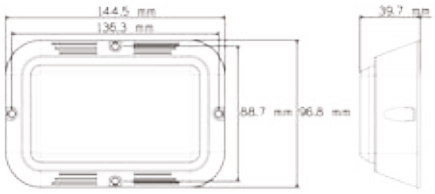
Workermax LED

	Description	Article No.
	**Work lamp** in black plastic housing 10-50V operation voltage Measures: 100 x100 mm 9 LEDs 1300 Lumen - light pattern “Flood”	
	with 140 cm connection cable “Open end”	**098 174 490**
	with 300 cm connection cable “Super Seal”-sucket	**098 174 494**
	with 600 cm connection cable “Super Seal”-sucket	**098 174 497**
	with 600 cm connection cable “Super Seal”-plug	**098 174 499**
	**Work lamp** 12-24V operation voltage / 22W Measures: 100 x 100 mm 6 Cree Led IP68 **1500 Lumen - FF (Free Form) reflector** with 0,5 metre connection cable “Open end”	**098 174 320**
	**Work lamp** 10-30V operation voltage / 13W Measures: 135 x 110 mm 5 LEDs 950 lumen - light pattern “Flood”	
	with 40 cm connection cable “Open end”	**098 174 210**
	with 25 cm connection cable “Super Seal”	**098 174 212**
	**Work lamp** 12-36V operation voltage / 40W Measures: 106 x 106 mm 4 Highpower LED 3000 lumen	
	with 165 cm connection cable “Open end”	**098 174 149**

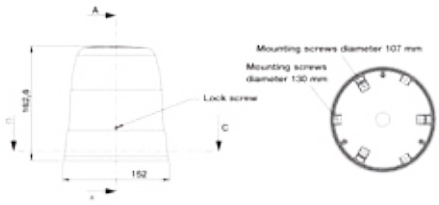
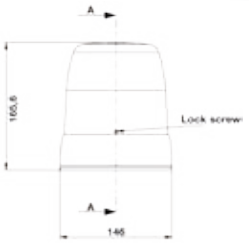
Warnermax LED - ECE REG. 65

	Description	Article No.
E	**Compact LED warning lamp** 9-36V operation voltage 2x3 LEDs 0,2 metre connection cable ”Open end” IP67	**098 286 346**
E	**LED warning lamp - yellow** 11-30V operation voltage 4 LEDs Measures: 118 x 34 x 26 mm Hole distance: 104 mm Consumption: 0,6A 6 available light patterns (only light pattern 1 and 2 are E-approved according to regulation 65) 0,17 metre connection cable ”Open end” IP67	**098 286 246**
E	**LED warning lamp - yellow** 11-30V operation voltage 6 LEDs Measures: 156 x 34 x 26 mm Consumption: 0,6A Hole distance: 143 mm 2 available light patterns 0,17 metre connection cable ”Open end” IP67	**098 286 266**
E	**LED warning lamp - yellow** 11-30V operation voltage 2x6 LEDs Measures: 157 x 664 x 26 mm Hole distance: 143 mm Consumption: 1,2A 2 available light patterns 0,2 metre connection cable ”Open end” IP67	**098 286 286**

Warnermax LED - ECE REG. 65

	Description	Article No.
	**LED warning lamp with mounting bracket** 12-24V operation voltage 6 LEDs 1,80 metre connection cable ”Open end” IP67	**098 286 722**
	**LED warning lamp** 12-24V operation voltage 6 LEDs 1,80 metre connection cable ”Open end” IP67	**098 286 723**

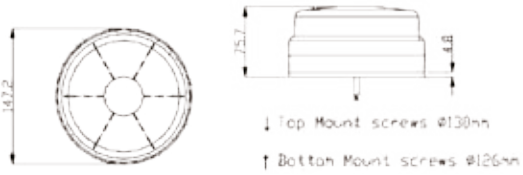
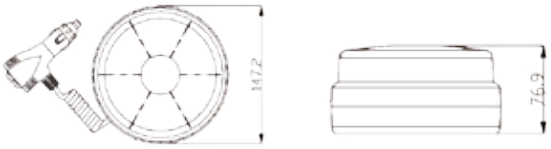
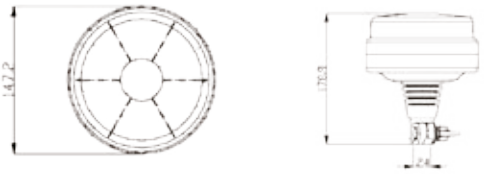
Warnermax GL 12-24V - ECE REG. 65

	Description	Article No.
	Rotating beacon - Yellow **Dualvolt 12/24V operation voltage** **Supplied without H1** **bulb Impact resistant lens** **Regulative 65 approved**	
(E) 	**Rotating beacon with flange mounting** Dimensions: Ø152 mm - height 163 mm	**098 285 246**
(E) 	**Rotating beacon, magnetic base** Coil cable with plug Dimensions: Ø146 mm - height 166 mm	**098 285 256**
(E)	**Rotating beacon, flexible for mounting bushes** Dimensions: Ø146 mm - height 260 mm	**098 285 266**

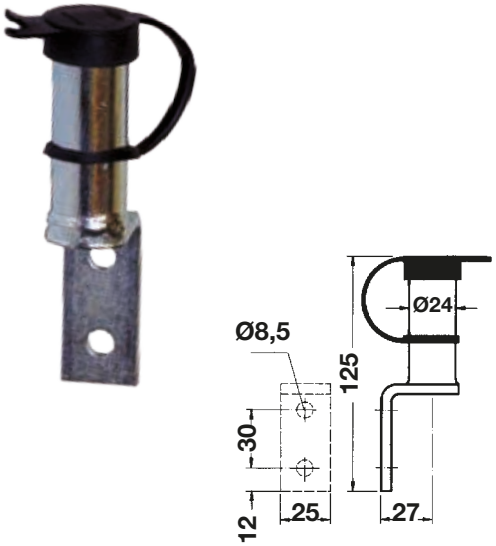
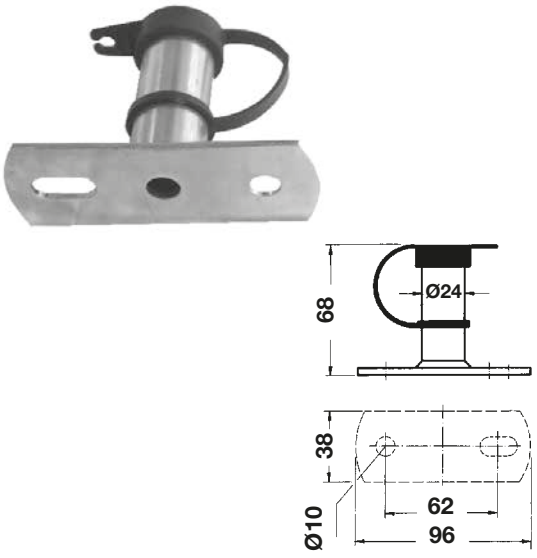
Warnermax Xenon 12-24V - ECE REG. 65

	Description	Article No.
	Xenon beacons - Yellow **Dualvolt 12/24V operation voltage** **Supplied with Xenon light source** **Impact resistant cap** **Regulative 65 approved**	
E	**Xenon beacon** Dimensions: Ø152 mm - height 163 mm	**098 285 276**
E	**Xenon beacon, magnetic base** Coil cable with plug Dimensions: Ø146 mm - height 166 mm	**098 285 286**
E	**Xenon beacon, flexible for mounting bushes** Dimensions: Ø146 mm - height 260 mm	**098 285 296**

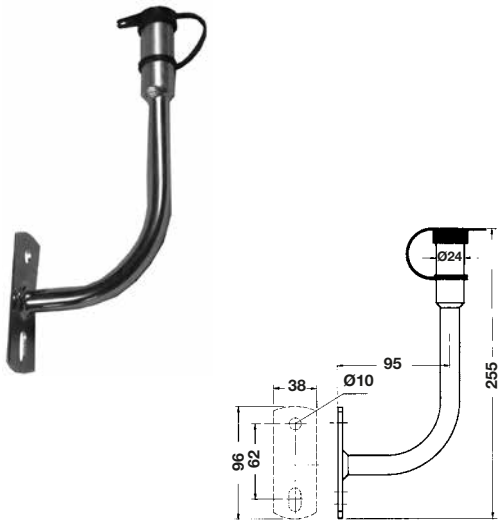
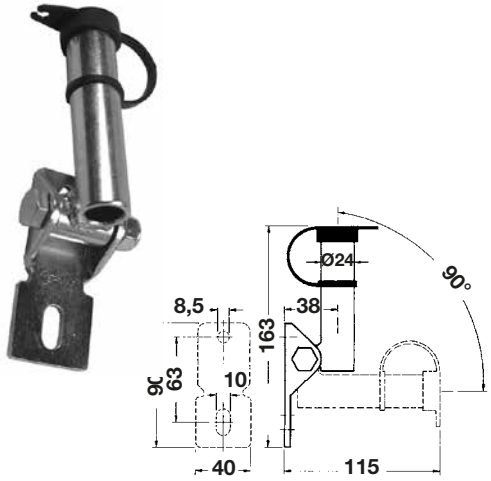
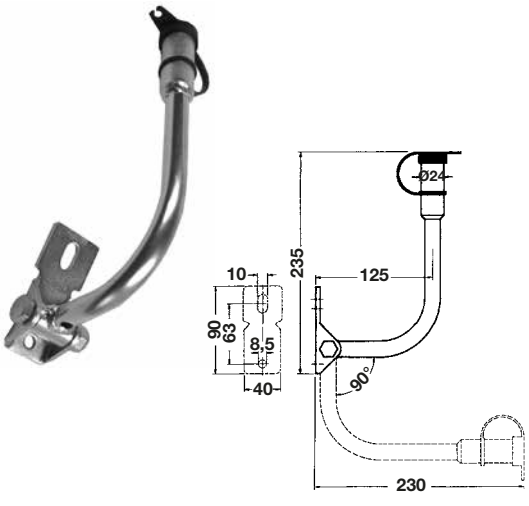
Warnermax LED 10-30V - ECE REG. 65

	Description	Article No.
	Beacons LED 10-30V operation voltage / 35W Clear optics with impact resistant polycarbonate lens. **ECE regulation 65 approved for single flash pattern 150 fpm**	
(E) 	**LED beacon** Consumption: 14-28W depending on flash pattern Working temperature: -40°C-+65°C 10 available flash patterns 150 flash per minute Dimensions: Ø147 mm - height 76 mm 3-token connection cable, 40 cm Scan QR-code for video	**098 287 300**
(E) 	**LED beacon, magnetic base with 4,0 m coil cable and plug. ISO4165.** Consumption: 14-28W depending on flash pattern Working temperature: -40°C-+65°C 10 available flash patterns 2 built in contacts in plugs for turn on/turn off and change of flash patterns 150 flash per minite Dimensions: Ø147 mm - height 77 mm	**098 287 320**
(E) 	**LED beacon, flexible, for mounting bushes.** Consumption: 14-28W depending on flash pattern Working temperature: -40°C-+65°C 10 available flash patterns Contact built in plinth for change of flash patterns 150 flash per minite Dimensions: Ø147 mm - height 171 mm	**098 287 310**

Mounting equipment for beacons

	Description	Article No.
	Straight bush steel tube zinc-plated, with 2 pin socket and protection cap DIN 72 591	**098 295 561**
	**Bush on angle** steel tube zinc-plated, on angle bracket, with 2 pin socket and protection cap DIN 72 591	**098 295 562**
	**Bush on foot** steel tube zinc-plated, plan mounting, with 2 pin socket and protection cap. MF 500 series DIN 72 591	**098 295 564**

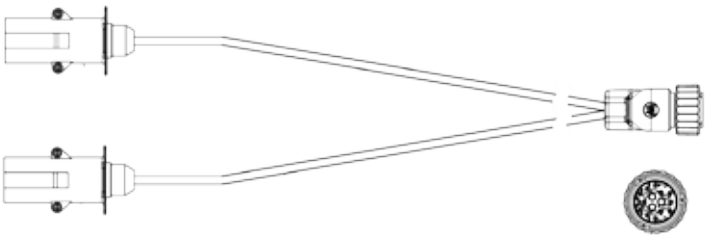
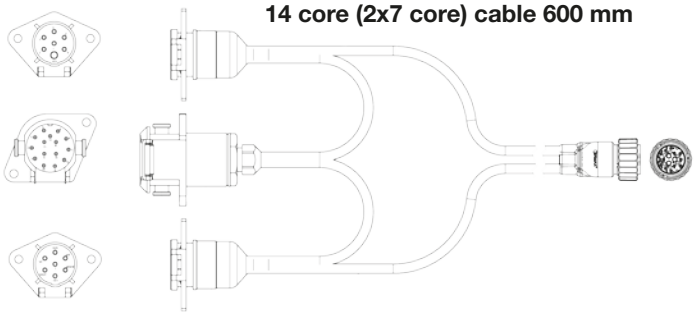
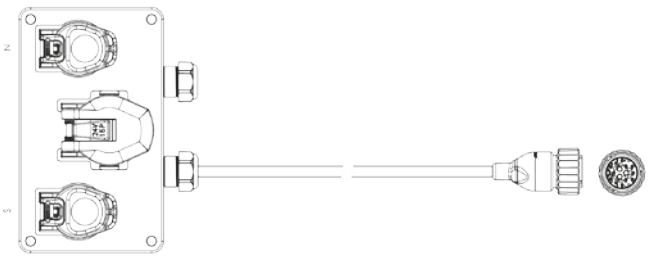
Mounting equipment for beacons

	Description	Article No.
	**90° angled bush** on vertical foot steel tube zinc-plated, vertical bracket, with 2 pin socket and protection cap. Valmet DIN 72 591	**098 295 565**
	**Bush on adjustable foot** steel tube zinc-plated, with 2 pin socket and protection cap. DIN 72 591	**098 295 567**
	**90° angled bush on adjustable foot** steel tube zinc-plated, adjustable with 2 pin socket and protection cap. DIN 72 591	**098 295 568**

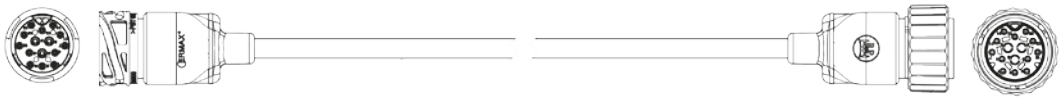
Front connection

	Description	Article No.
	Front connection with 15 pole socket, straight ISO standard: 12098 With Ermax bayonet plug Conductor cross section: 12x1 mm² + 3x2,5 mm² Cable type: FLRYY **15 core cable 600 mm**	**194 006 500**
	Front connection with 15 pole plug, straight ISO standard: 12098 With Ermax bayonet plug Conductor cross section: 7x1 mm² + 2x2,5 mm² Cable type: FLRYY **9 core cable 4800 mm** Pin no. 9 connected to pin 12 (ISO 12098 aux 3) **15 core cable 4800 mm**	**294 048 100** **294 048 500**
	Front connection with 2x7 pole socket Straight. ISO standard: 1185 + 3731 With Ermax bayonet plug Conductor cross section: 6x1mm² + 1x2,5mm² Cable type: FLRYY Pin no. 11 in Ermax bayonet connector not connected (aux 1 / brake wear sensor) **14 core (2x7 core) cable 600 mm**	**194 006 430**

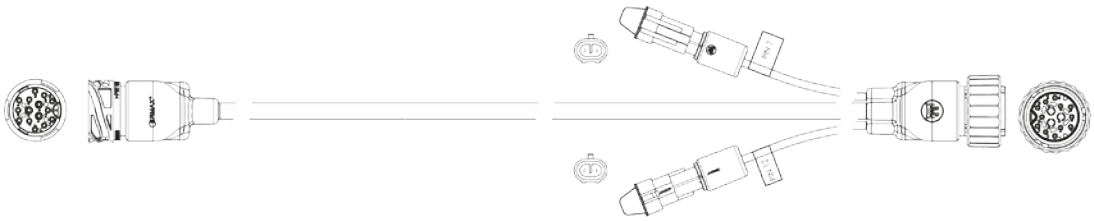
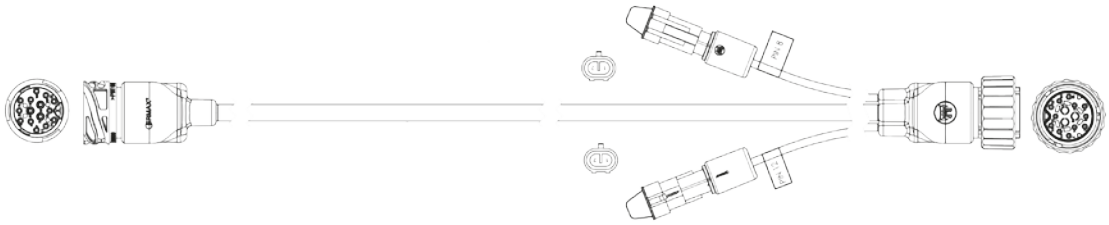
Front connection

	Description	Article No.
	Front connection with 2x7 pole socket Straight. ISO standard: 1185 + 3731 With Ermax bayonet plug Conductor cross section: 6x1mm² + 1x2,5mm² Cable type: FLRYY Pin no. 11 in Ermax bayonet connector not connected (aux 1 / brake wear sensor) **14 core (2x7 adrig) cable 4800 mm** 	**294 048 430**
	Front connection with 15x2x7 pole socket, Straight. ISO standard: 12098 + 1185 + 3731 Wit Ermax bayonet plug Conductor cross section: 6x1mm² + 1x2,5mm² Cable type: FLRYY Pin no. 11 in Ermax bayonet connector not connected **14 core (2x7 core) cable 600 mm** 	**194 006 410**
	Front box with 15+2x7 pole socket, straight ISO standard: 12098 + 1185 + 3731 With Ermax bayonet plug Conductor cross section: 12x1 mm² + 3x2,5 mm² Cable type: FLRYY **15 pole cable 600 mm** 	**194 006 570**

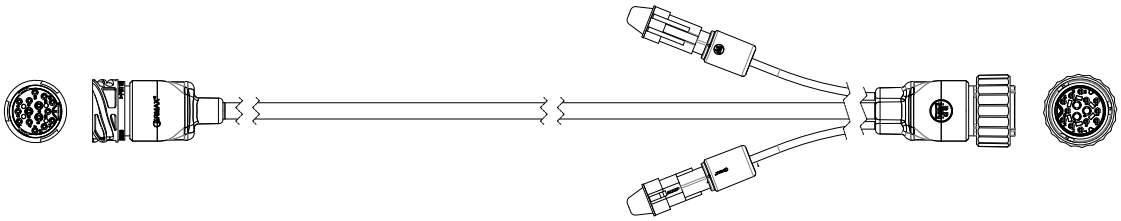
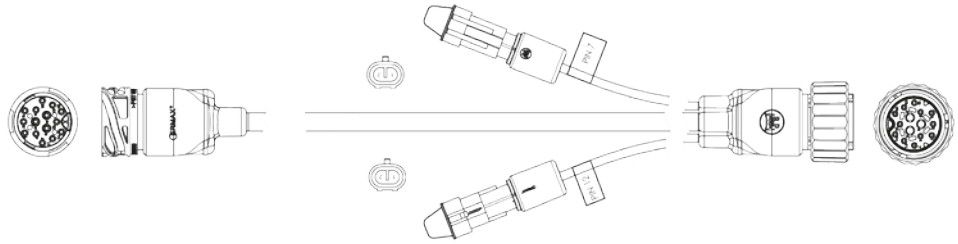
Main cables

	Description	Article No.
	Main cable Ermax bayonet plug > socket Conductor cross section: 7x1 mm²+2x2,5 mm² Cable type: FLRYY Pin no. 9 connected to pin 12 (ISO 12098 aux 3)	
	9 core 6000 mm	**394 060 100**
	9 core 7000 mm	**394 070 100**
	9 core 9000 mm	**394 090 100**
	9 core 13000 mm	**394 130 100**
	9 core 15000 mm	**394 150 100**
		
	Main cable Ermax bayonet plug > socket Conductor cross section: 12x1 mm²+3x2,5 mm² Cable type: FLRYY Pin no. 9 connected to pin 12 (ISO 12098 aux 3)	
	15 core 9000 mm	**394 090 500**
	15 core 13000 mm	**394 130 500**
	15 core 15000 mm	**394 150 500**

Main cables

	Description	Article No.
	Main cable Ermax bayonet plug > socket Conductor cross section: 7x1 mm²+2x2,5 mm² / 2x1 mm² Cable type: FLRYY Pin no. 9 connected to pin 12 (ISO 12098 aux 3) 2x2 pole outlets with Super Seal socket (ISO 12098 pin 7 stop / pin 12 lift axle aux 3)	
	9 core 9000 mm. 2x2 poled aux. pin 7+12 rear	**394 090 101**
	9 core 13000 mm. 2x2 poled aux. pin 7+12 rear	**394 130 101**
	9 core 15000 mm. 2x2 poled aux. pin 7+12 rear	**394 150 101**
		
	Main cable Ermax bayonet plug > socket Conductor cross section: 7x1 mm²+2x2,5 mm² / 2x1 mm² Cable type: FLRYY Pin no. 9 connected to pin 12 (ISO 12098 aux 3) 2x2 pole outlets with Super Seal socket (ISO 12098 pin 8 reverse / pin 12 lift axle aux 3)	
	9 core 9000 mm. 2x2 poled aux. pin 8+12 rear	**394 090 102**
	9 core 13000 mm. 2x2 poled aux. pin 8+12 rear	**394 130 102**
	9 core 15000 mm. 2x2 poled aux. pin 8+12 rear	**394 150 102**
		

Main cables

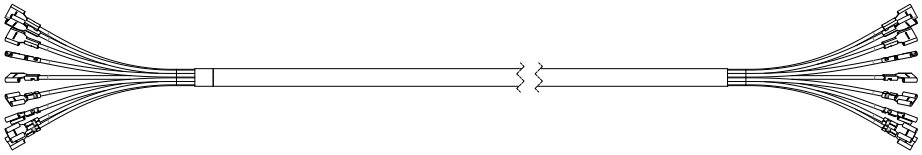
	Description	Article No.
	Main cable Ermax bayonet plug > socket. Conductor cross section: 7x1 mm²+2x2,5 mm² / 2x1 mm². Cable type: FLRYY. 2x2-pole outlets with Super Seal socket (ISO 12098 pin 8 reverse / pin 9 permanent positive).	
	9 core 13000 mm. 2x2 pole aux. pin 8+9 rear	**394 130 105**
		
	Main cable / Intermediate cable Ermax bayonet plug > socket Conductor cross section: 12x1 mm²+3x2,5 mm² / 2x1 mm² Cable type: FLRYY Pin no. 9 connected to pin 12 (ISO 12098 aux 3) 2x2 pole outlets with Super Seal socket (ISO 12098	
	15 pole 300 mm. 2x2 poled aux. pin 7+12 rear pin 7 stop / pin 12 lift axle aux 3)	**394 003 501**
	15 core 300 mm. 2x2 pole aux. pin 8+12 rear pin 8 reverse / pin 12 lift axle aux 3)	**394 003 502**
		

Main cables

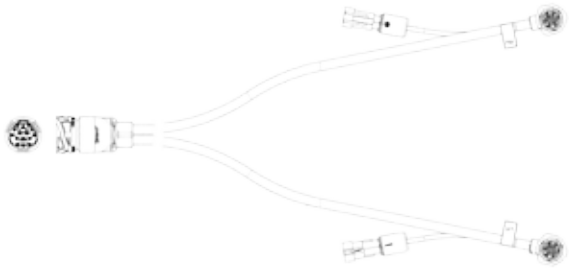
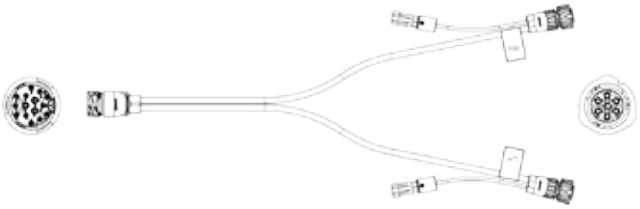
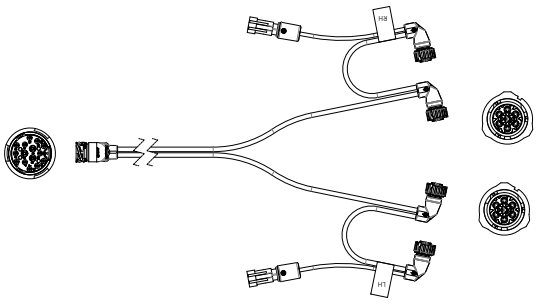
	Description	Article No.
	Main cable open end Ermax bayonet socket> open end with blade receptacles 6,3x0,8 mm Conductor cross section: 12x1 mm² +3x2,5 mm² Cable type: FLRYY For mounting in junction box	
	15 core 500 mm	**394 005 551**
	15 core 6.000 mm	**394 060 551**
	15 core 9.000 mm	**394 090 551**
	15 core 13.000 mm	**394 130 551**
	15 core 15.000 mm	**394 150 551**
	Main cable open end (front cable) Open end with blade receptacles 6,3x0,8 mm. > Ermax bayonet plug Conductor cross section: 12x1 mm² + 3x2,5 mm² Cable type: FLRYY For mounting in front box / connector	
	15 core 600 mm	**394 006 571**
	15 core 600 mm	**394 060 571**
	15 core 9000 mm	**394 090 571**
	15 core 13000 mm	**394 130 571**
	15 core 15000 mm	**394 150 571**

Main cables

	Description	Article No.
	Main cable open end open end with blade receptacles 6,3x0,8 mm. Conductor cross section: 12x1 mm² + 3x2,5 mm² Cable type: FLRYY For mounting in junction box	
	15 polet 6000 mm	**394 060 592**
	15 polet 9000 mm	**394 090 592**
	15 polet 13000 mm	**394 130 592**
	15 polet 15000 mm	**394 150 592**



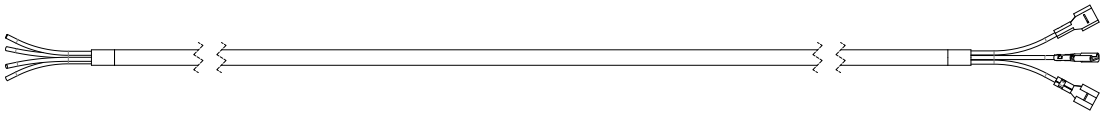
Rear Cable

	Description	Article No.
	Rear cable Ermax bayonet socket > 2xAMP 1,5 plug, angled Cable type: FLRYY	
	2x6 core 2500 mm Conductor cross section: 5x1 mm² + 1x2,5 mm²	**494 025 600**
	2x6 core 2500 mm With 2x2 pole outlets for marker lamp Conductor cross section: 5x1 mm² + 1x2,5 mm² / 2x0,5 mm²	**494 025 601**
		
	Rear cable Ermax bayonet socket > 2xAMP 1,5 plug, straight Conductor cross section: 5x1 mm² + 1x2,5 mm² Cable type: FLRYY	
	2x6 core 2500 mm	**494 025 602**
	2x6 core 2500 mm With 2x2 pole outlets for marker lamp	**494 025 603**
		
	Rear cable, chain Ermax bayonet socket > 2x2 AMP 1,5 plug, angled. Conductor cross section: 5x1 mm² + 1x2,5 mm² / 2x0,5 mm². Cable type: FLRYY.	
	2x6 core 2500 mm With 2x2 pole outlets for marker lamp	**494 025 604**
		

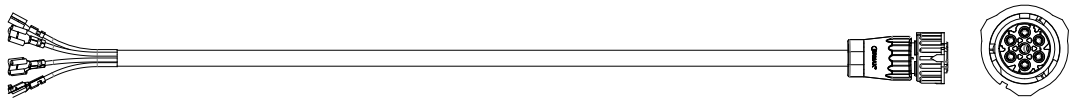
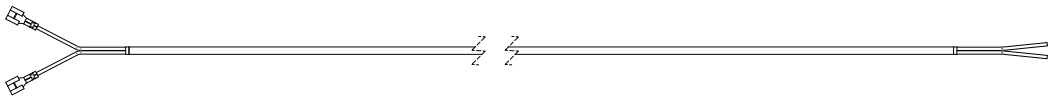
Rear Cable

	Description	Article No.
	Rear cable, chain Ermax bayonet socket > 2x3 AMP 1,5 plug, angled Conductor cross section: 5x1 mm² + 1x2,5 mm² / 2x0,5 mm² Cable type: FLRYY **2x6 core 2500 mm** With 2x2 pole outlets for marker lamp	**494 025 606**
	Rear cable, single AMP 1,5 > AMP 1,5 plug, angled Cable type: FLRYY For mounting in Ermax junction box **6 core 2000 mm** Conductor cross section: 5x1 mm² + 1x2,5 mm² **6 core 2000 mm** With 2 pole outlet for marker lamp Conductor cross section: 5x1 mm² + 1x2,5 mm² / 2x0,5 mm²	**494 020 610** **494 020 611**
	Rear cable single, chain AMP 1,5 socket > 3xAMP 1,5 plug, angled Conductor cross section: 5x1 mm² + 1x2,5 mm² Cable type: FLRYY For mounting in Ermax junction box **6 core 2100 mm**	**494 021 630**

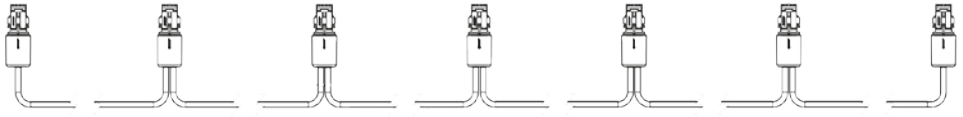
Rear Cable

	Description	Article No.
	Rear cable, open end Open end with blade receptacles 6,3x0,8 mm. > AMP 1,5 plug, angled Cable type: FLRYY For mounting in junction box	
	6 core 1800 mm Conductor cross section: 5x1 mm² + 1x2,5 mm²	**494 018 651**
	6 core 1800 mm With 2 pole outlet for marker lamp Conductor cross section: 5x1 mm² + 1x2,5 mm² / 2x0,5 mm²	**494 018 652**
	Rear cable, open end Conductor cross section: 3x1 mm² + 1x2,5 mm² Cable type: FLRYY. ADR-approved. For mounting in junction box.	
	4 core 1500 mm	**494 015 491**
		

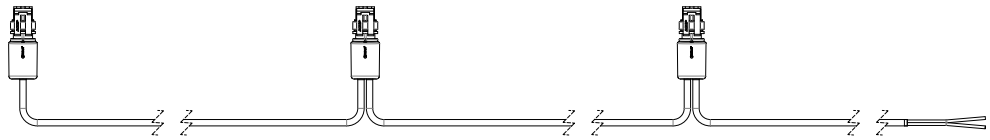
Rear Cable

	Description	Article No.
	Rear cable single, open end Open end med kabelsko 6,3x0,8 mm, hun > AMP 1,5 stikprop, lige. Kabeltype: FLRYY **4 polet 2000 mm** Ledertværsnit: 3x1 mm² + 1x2,5 mm² 	**494 020 451**
	Rear cable single, open end Open end with blade receptacles 6,3x0,8 mm. > Open end Cable type: FLRYY **2 core 1500 mm** Conductor cross section: 2 x 0,5 mm² 	**494 015 291**

Side cable

	Description	Article No.
	Side cable, flat With Super Seal plug Conductor cross section: 2x1,5 mm² Cable type: FLYYF	
	7.000 mm for Click-in system	**594 070 000**
	9.000 mm for Click-in system	**594 090 000**
	13.000 mm for Click-in system	**594 130 000**
	15.000 mm for Click-in system	**594 150 000**
	16.000 mm for Click-in system	**594 160 000**
	17.000 mm for Click-in system	**594 170 000**
	18.000 mm for Click-in system	**594 180 000**
	19.000 mm for Click-in system	**594 190 000**
	Side cable, chain 1 x inlet + 6 x outlets with Super Seal plugs. Conductor cross section: 2x1,5 mm² Cable type: FLRYY	
	20.500 mm Distance between plugs: 1x2000 mm + 5x3700 mm	**694 205 600**
	16.200 mm Distance between plugs: 1x1200 mm + 5x3000 mm	**694 162 600**
	3.900 mm Distance between plugs: 1x200 mm + 1x3700 mm Suitable as extension cable for side cable chains.	**694 039 200**
		

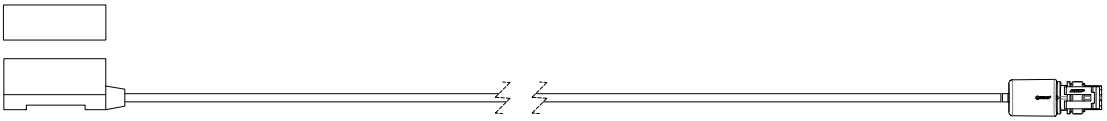
Side cable

	Description	Article No.
	Side cable chain, open end 1 x inlet open end with blade receptacles 6,3x0,8 mm + 3 x outlets with Super Seal plugs Conductor cross section: 2x1 mm² Cable type: FLRYY **600 mm** Distance between open end and plugs: 250 mm - 200 mm - 200 mm. 	**694 006 350**

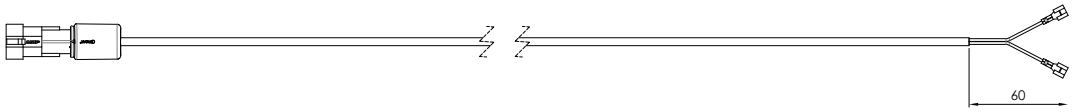
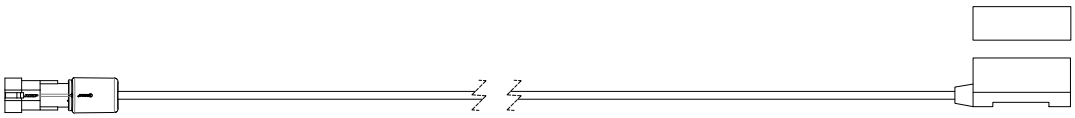
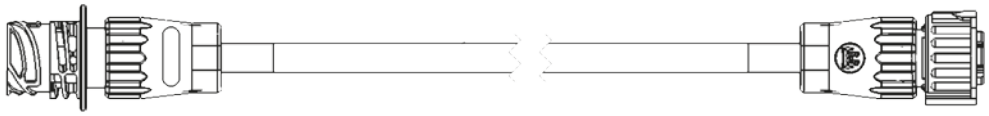
Extension cable

	Description	Article No.
	Extension cable Super Seal socket > Super Seal plug Conductor cross section: 2x1 mm² Cable type: FLRYY	
	1.000 mm	**794 010 200**
	1.500 mm	**794 015 200**
	3.000 mm	**794 030 200**
	5.000 mm	**794 050 200**
	Extension cable Super Seal plug > Super Seal plug Conductor cross section: 2x1 mm² Cable type: FLRYY	
	1.000 mm	**794 010 230**
	1.500 mm	**794 015 230**
	3.000 mm	**794 030 230**
	5.000 mm	**794 050 230**

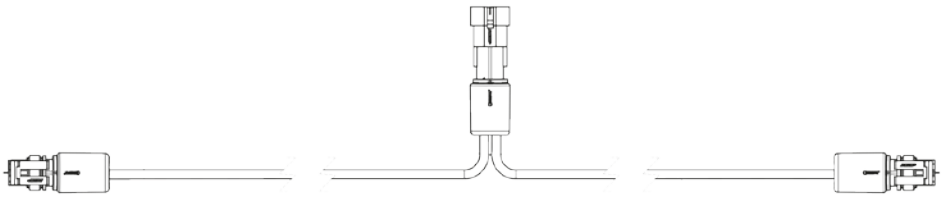
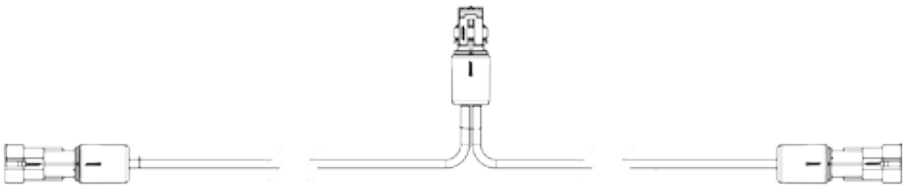
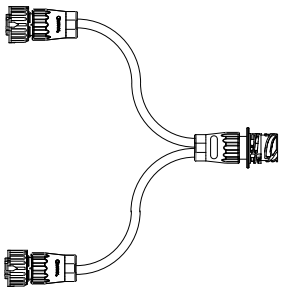
Extension cable

	Description	Article No.
	Extension cable Super Seal plug > open end with blade receptacles 6,3 x 0,8 mm Conductor cross section: 2x1 mm² Cable type: FLRYY	
	500 mm	**794 005 251**
	1.000 mm	**794 010 251**
	1.500 mm	**794 015 251**
	2.000 mm	**794 020 251**
	4.000 mm	**794 040 251**
	6.000 mm	**794 060 251**
	8.000 mm	**794 080 251**
	Extension cable 2 core Click-in adapter > Super Seal plug Conductor cross section: 2x1 mm² Cable type: FLRYY	
	500 mm	**794 005 220**
	1.500 mm	**794 015 220**
	3.500 mm	**794 035 220**
		

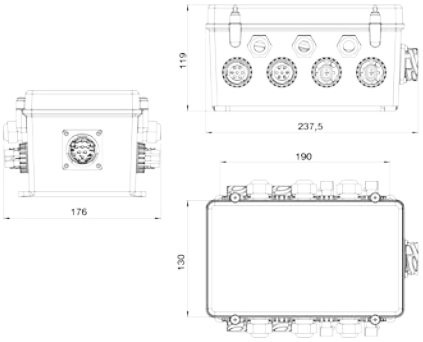
Extension cable

	Description	Article No.
	Extension cable Super Seal socket > open end with blade receptacles 6,3 x 0,8 mm Conductor cross section: 2x1 mm². Cable type: FLRYY.	
	500 mm	**794 005 261**
	1500 mm	**794 015 261**
		
	Extension cable 2 core Click-in adapter > Super Seal socket Conductor cross section: 2x1 mm² Cable type: FLRYY	
	500 mm	**794 005 270**
	1.500 mm	**794 015 270**
	3.500 mm	**794 035 270**
		
	Extension cable 6 x 1 + 2 x 2,5 AMP 1,5	
	1.000 mm	**794 010 700**
	1.000 mm - Angled 90⁰ on female	**794 010 701**
	2.000 mm	**794 020 700**
		

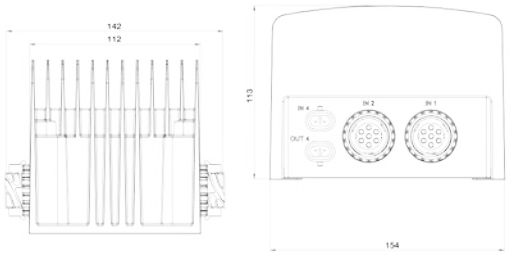
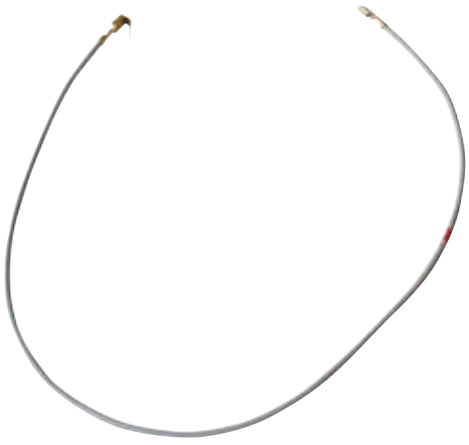
Y-adapter cables (extension cable)

	Description	Article No.
	Y-adapter cable Conductor cross section: 2x1 mm² Cable type: FLRYY **2x500 mm** 1 x Super Seal socket + 2 x Super Seal plug 	**894 005 200**
	Y-adapter cable Conductor cross section: 2x1 mm² Cable type: FLRYY **2x500 mm** 1 x Super Seal plug + 2 x Super Seal socket 	**894 005 230**
	Y-adapter cable Conductor cross section: 5x1 mm² + 1x2,5 mm² Cable type: FLRYY **2x500 mm 6 core** 1 x AMP 1,5 plug + 2 x AMP 1,5 sockets 	**894 005 640**

Installation- and mounting components

	Description	Article No.
	**Ermax junction box** Connection: 1 x 15 pin Ermax plug Out/In-put: 3 x 2 - 7 pin AMP-plug 3 x 2 - 2 pin Super-Seal plug 2 x 1 cable glands PG16 **Ermax junction box with LED resistor** Connection: 1 x 15 pin Ermax plug Out/In-put: 3 x 2 - 7 pole AMP-plug 1 x 2 - 2 pin Super-Seal plug 1 x 2 cable glands PG16 With resistor for direction indicator light when using Ermax lighting systems. **Ermax junction box with LED resistor** Connection: 1 x 15 pin Ermax plug Out/In-put: 3 x 2 - 7 pole AMP-plug 3 x 2 - 2 pin Super-Seal plug 2 x 1 cable glands PG16 With resistor for direction indicator light when using Ermax lighting systems.	**099 866 620** **099 866 621** **099 866 626**
 L B H 167mm x 157mm x 99mm	**Junction box** IP65 Connection: 11 x 8 fold blade terminals 6,3 x 0,8 mm 8 x 4 fold blade terminals 6,3 x 0,8 mm Out/input: 10 cable glands PG9 5 cable glands PG13,5 1 cable glands PG16 Accessories: 4 rubber seals PG9 2 rubber seals PG13,5 1 rubber seals PG16 1 rubber seals 2 x 6,0 mm Fastening: 4 holes Ø 5,5 mm, hole distance 65/110 mm	**099 865 028**

Installation- and mounting components

	Description	Article No.
 Pat. no. 107347	**LED control box** for complete control of all LED functions. 1x15 pole Ermax plug + 2x7 pin AMP plug and 4x2 pin “Super seal” 2x7 pin AMP plug + 2x7 pin AMP plug and 4x2 pin “Super seal” 	 **098 298 100** **098 298 120**
	Resistor 24V for direction indicator Length: 75 mm Width: 61 mm Height: 20 mm	**098 292 358**
	**Heating cable (resistor) 24V with cable shoe**	**093 865 125**

Loose plugs

	Description		Article No.
	Connector, “Super seal”, 2 pin Blade, receptacle Yellow grommet	 0,5 - 1,0 mm² Ø 1,8 - 2,4 mm	**099 110 019**
	Connector, “Super seal”, 2 pin Blade, terminal Yellow grommet	 0,5 - 1,0 mm² Ø 1,8 - 2,4 mm	**099 110 018**
	Rubber Boot 2 polet “Super Seal” connector		**099 110 712**
	Connector, “Super seal”, 3 pin Blade, receptacle Yellow grommet Red end grommet	 0,5 - 1,0 mm² Ø 1,8 - 2,4 mm	**099 111 102**
	Connector, “Super seal”, 3 pin Blade, terminal Yellow grommet Red end grommet	 0,5 - 1,0 mm² Ø 1,8 - 2,4 mm	**099 111 103**
	Rubber Boot 3 polet “Super Seal” connector		**099 110 713**
	T-Coupling **for connector, “Super Seal”, 3 pin**		**099 111 415**

Loose plugs

	Description		Article No.
	AMP 7 pin connector; straight **Cable Ø 5,0-12 mm** Pin receptacle Pin receptacle Blue grommet White grommet Transparent end grommet	 0,5 - 1,0 mm² 1,0 - 2,5 mm² Ø 1,2 - 2,1 mm Ø 2,2 - 3,0 mm	**099 111 481**
	AMP 7 pin connector; 90° **Cable Ø 5,0 mm** Pin receptacle Pin receptacle Blue grommet White grommet Transparent end grommet	 0,5 - 1,0 mm² 1,0 - 2,5 mm² Ø 1,2 - 2,1 mm Ø 2,2 - 3,0 mm	**099 111 485**

Blanking Plugs and Sockets

	Description	Article No.
	Blanking Plug for 7 pin AMP Black rubber	**099 110 027**
	Blanking Plug for 2 pin “Super seal” socket Black rubber	**099 110 028**
	Blanking Plug for 2 pin “Super seal” plug Black rubber	**099 110 029**

7 pin ISO 1185 N

	Description	Article No.
ISO 1185	**Socket plastic, with double pin terminals and rubber sleeve**	**090 157 127**
ISO 1185	**Socket plastic, lamellar cap** With double pin terminals and rubber sleeve. High-quality glass-fibre reinforced plastic (polyamide). Reinforced mounting flange with metal bushing. IP69K 24V/20A	**090 157 129**
ISO 1185	**Plug with screw terminals**	**090 157 721**
ISO 1185	**Socket metal** 5 double x 2 triple flat pin terminals	**090 157 134**
ISO 1185	**Plug, metal, with flat pin terminals**	**090 157 716**

7 pole ISO 3731 S

	Description	Article No.
ISO 3731	**Socket plastic** Contact 31 with contact sleeve With screw terminals	**090 157 123**
ISO 3731	**Socket plastic, lamellar cap**	**090 157 128**
ISO 3731	**Plug plastic** Contact 31 with contact pin. ith screw terminals	**090 157 725**
ISO 3731	**Socket metal** Contact 31 with contact sleeve With flat pin terminals 24V / 20A Aluminium	**090 157 118**
ISO 3731	**Plug metal** Contact 31 with contact pin With flat pin terminals 24V / 20A Aluminium	**090 157 719**

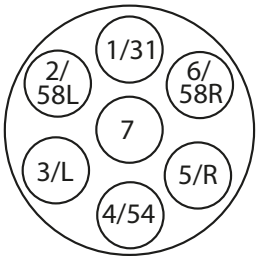
15 pole sockets

	Description	Article No.
ISO 12098	**Socket with contact pin for crimping**	**090 165 414**
ISO 12098	**Socket with contact pin for crimping, angled version**	**090 165 405**
ISO 12098	**Plug with contact pin for crimping**	**090 165 606**

Accessories

	Description	Article No.
	Plate grip “Click-in” For cable with “Click-in” system Flexible and uncomplicated assembly	**099 859 970**
	“Click-in” cable with “open end” 0,5 metre 1,5 metre 3,5 metre	 **794 005 280** **794 150 280** **794 350 280**
	Cap for “Click-in” Cable 10 pcs. bags	**098 291 950**
	Side cable, flat Conductor cross section: 2x1,5 mm² Cable type: FLRYY **100 metre spool. For Click-in system**	 **099 897 610**

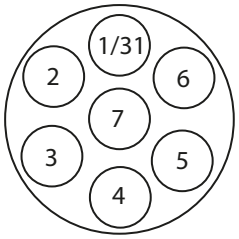
Pin configuration N-type 24V, 7-pol. ISO 1185



	Colour	Description
1 / 31	White	Ground
2 / 58L	Black	Left hand rear position and marker lights, and licence plate lamp [1)]
3 / L	Yellow	Left hand direction indicator lamp
4 / 54	Red	Stop lamps
5 / R	Green	Right hand direction indicator lamp
6 / 58R	Brown	Right hand rear position and marker lights, and licence plate lamp [1)]
7	Blue	Aux2 / Braking control for trailers

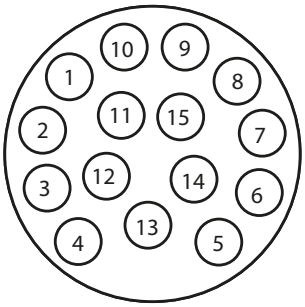
[1)] The licence plate lamp must be connected in such a manner that no lamps of this illumination have common connection with contact 2 and 6.

Pin configuration S-type 24V, 7-pol. ISO 3731



	Colour	Description
1 / 31	White	Ground for electronics (Ground for CAN)
2	Black	No allocation (CANH, Data Communication)
3	Yellow	Reversing lamp
4	Red	Permanent power supply
5	Green	No allocation (CANL, Data Communication)
6	Brown	Aux3 / Axle lift device
7	Blue	Rear fog lamp

Pin configuration 24V, 15-pol. ISO 12098



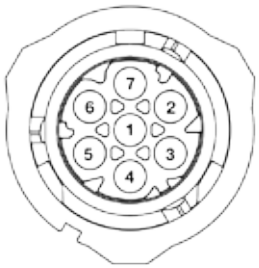
	Colour	Description
1	Yellow	Left hand direction indicator lamp
2	Green	Right hand direction indicator lamp
3	Blue	Rear fog lamp
4	White	Ground
5	Black	Left hand rear position and marker lights, and licence plate lamp [1)]
6	Brown	Right hand rear position and marker lights, and licence plate lamp [1)]
7	Red	Stop lamps
8	Pink	Reversing lamp
9	Orange	Permanent power supply
10	Grey	Aux1 / Brake wear sensor
11	White/Black	Aux2 / Braking control for trailers
12	White/Blue	Aux3 / Axle lifting device
13	White/Red	Ground for electronics (Ground for CAN)
14	White/Green	CANH - Data communication
15	White/Brown	CANL - Data communication

[1)] The licence-plate illumination must be connected in such a manner that no lamps of this illumination have a common connection with contact nr. 5 and nr. 7

Pin configuration Ermax bayonet plug

	Colour	Description
1	Black	Left hand rear position and marker lights, and licence plate lamp [1]
2	Yellow	Left hand direction indicator lamp
3	Red	Stop lamps
4	White/green	CANH - Data communication
5	White	Ground
6	Rosa	Reversing lamp
7	White/Black	Aux2 / Braking control for trailers
8	White/Red	Ground for electronics (Ground for CAN)
9	Orange	Permanent power supply
10	Blue	Rear fog lamp
11	Grey	Aux1 / Brake wear sensor
12	White/Brown	CANL - Data communication
13	Brown	Right hand rear position and marker lights, and licence plate lamp
14	White/blue	Aux3 / Axle lifting device
15	Green	Right hand direction indicator lamp

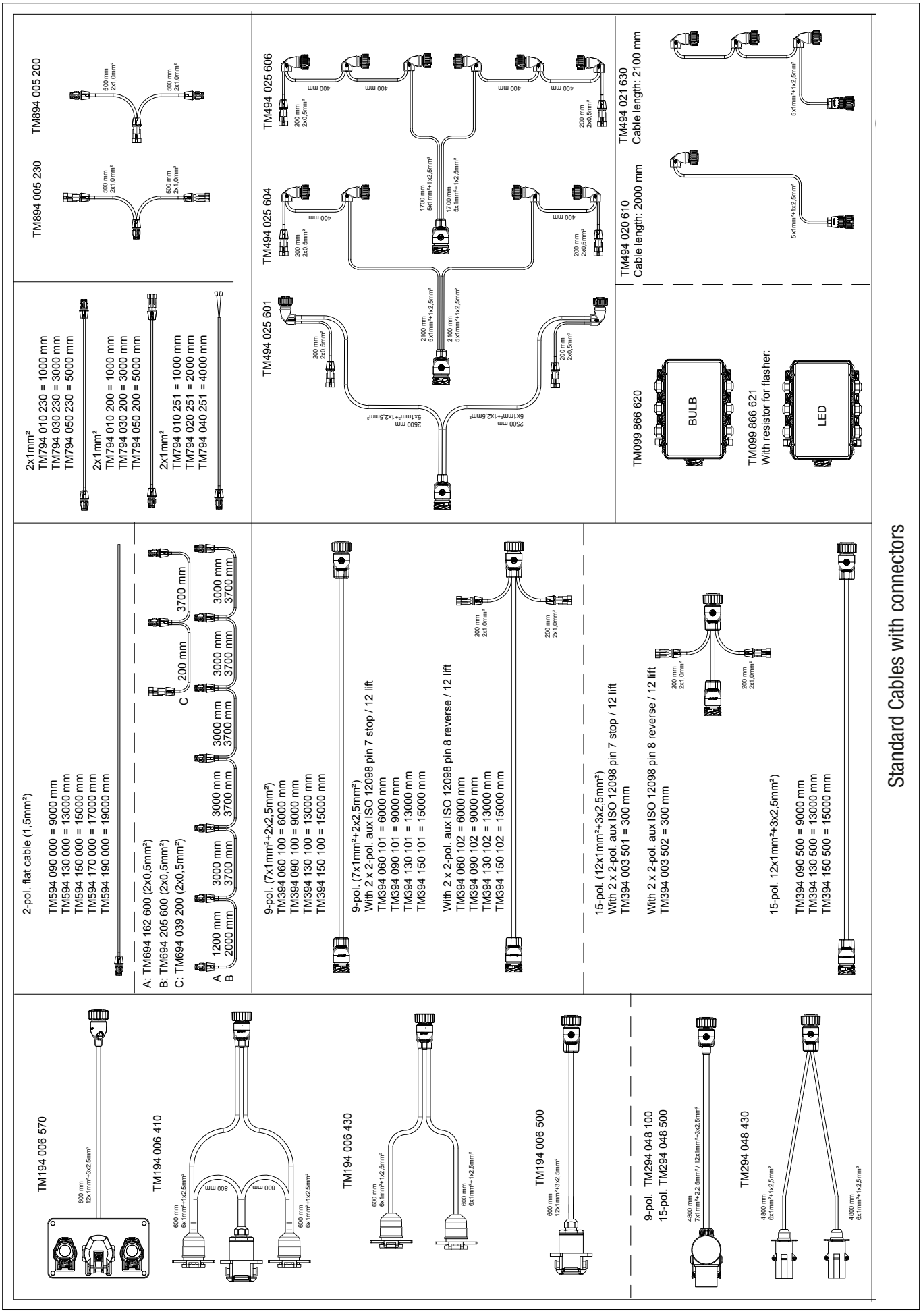
Pin configuration AMP plug

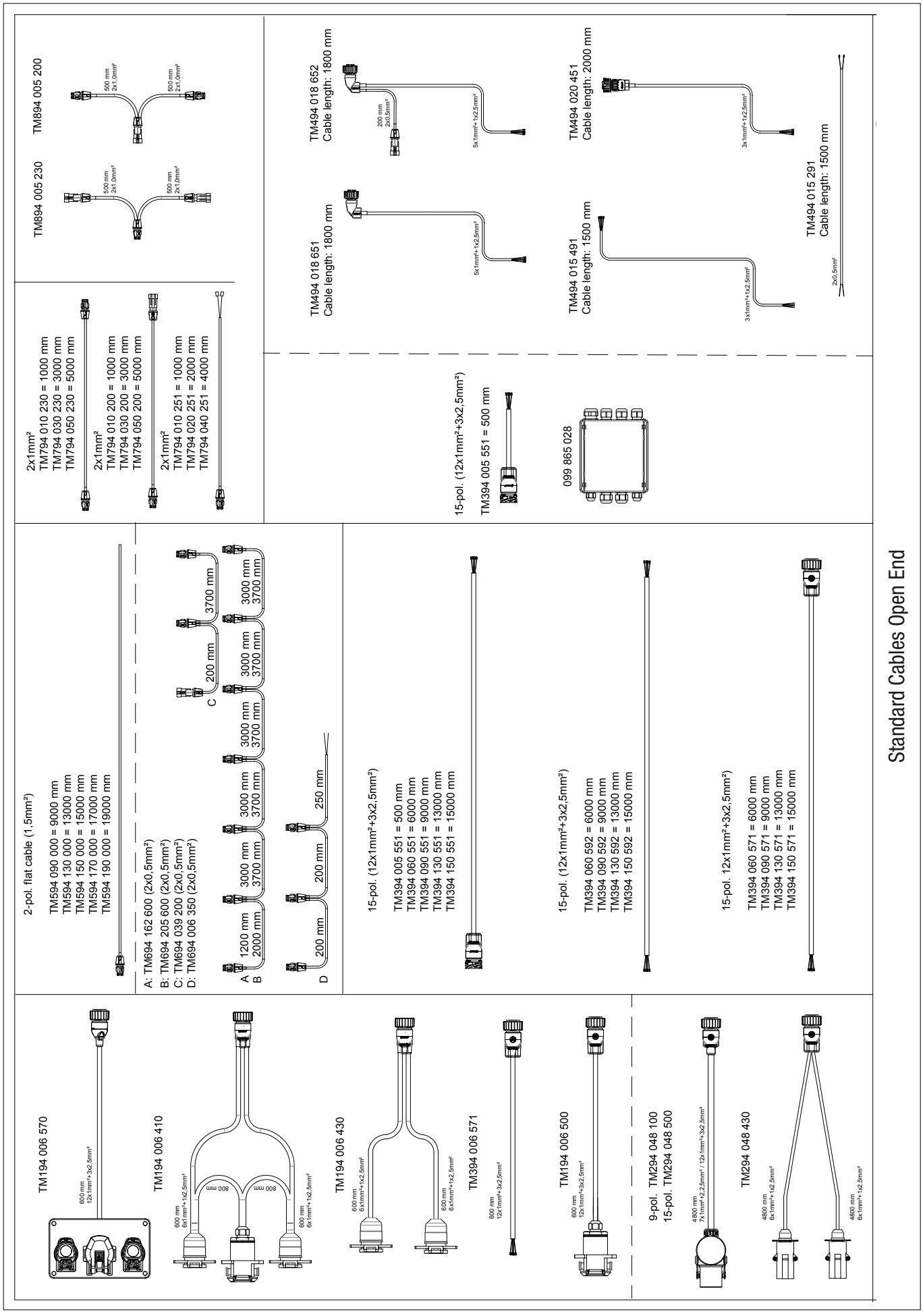


	Colour	Description
1	White	Ground
2	Green	Position lamps
3	Brown	Reversing lamp
4	Yellow	Direction indicator lamp
5	Red	Stop lamps
6	Blue	Rear fog lamps
7	-	-

Pin configuration Super Seal plug 1 x 2 pole

	Colour	Description
1	Brown	Ground
2	Blue	Permanent power supply


Standard Cables with connectors
2-pol. flat cable (1,5mm²)
TM594 090 000 = 9000 mm
TM594 130 000 = 13000 mm
TM594 150 000 = 15000 mm
TM594 170 000 = 17000 mm
TM594 190 000 = 19000 mm
A: TM694 162 600 (2x0,5mm²)
B: TM694 205 600 (2x0,5mm²)
C: TM694 039 200 (2x0,5mm²)
A 1200 mm
B 2000 mm
3000 mm
3700 mm
C 200 mm
9-pol. (7x1mm²+2x2,5mm²)
TM394 060 100 = 6000 mm
TM394 090 100 = 9000 mm
TM394 130 100 = 13000 mm
TM394 150 100 = 15000 mm
9-pol. (7x1mm²+2x2,5mm²)
With 2 x 2-pol. aux ISO 12098 pin 7 stop / 12 lift
TM394 060 101 = 6000 mm
TM394 090 101 = 9000 mm
TM394 130 101 = 13000 mm
TM394 150 101 = 15000 mm
With 2 x 2-pol. aux ISO 12098 pin 8 reverse / 12 lift
TM394 060 102 = 6000 mm
TM394 090 102 = 9000 mm
TM394 130 102 = 13000 mm
TM394 150 102 = 15000 mm
15-pol. (12x1mm²+3x2,5mm²)
With 2 x 2-pol. aux ISO 12098 pin 7 stop / 12 lift
TM394 003 501 = 300 mm
With 2 x 2-pol. aux ISO 12098 pin 8 reverse / 12 lift
TM394 003 502 = 300 mm
15-pol. 12x1mm²+3x2,5mm²)
TM394 090 500 = 9000 mm
TM394 130 500 = 13000 mm
TM394 150 500 = 15000 mm
2x1mm²
TM794 010 230 = 1000 mm
TM794 030 230 = 3000 mm
TM794 050 230 = 5000 mm
2x1mm²
TM794 010 200 = 1000 mm
TM794 030 200 = 3000 mm
TM794 050 200 = 5000 mm
2x1mm²
TM794 010 251 = 1000 mm
TM794 020 251 = 2000 mm
TM794 040 251 = 4000 mm
TM894 005 230
TM894 005 200
TM494 025 601
TM494 025 604
TM494 025 606
TM099 866 620
BULB
TM099 866 621
With resistor for flasher:
LED
TM494 020 610
Cable length: 2000 mm
TM494 021 630
Cable length: 2100 mm
TM194 006 570
TM194 006 410
TM194 006 430
TM194 006 500
9-pol. TM294 048 100
15-pol. TM294 048 500
TM294 048 430


Standard Cables Open End
2-pol. flat cable (1,5mm²)
TM594 090 000 = 9000 mm
TM594 130 000 = 13000 mm
TM594 150 000 = 15000 mm
TM594 170 000 = 17000 mm
TM594 190 000 = 19000 mm
A: TM694 162 600 (2x0,5mm²)
B: TM694 205 600 (2x0,5mm²)
C: TM694 039 200 (2x0,5mm²)
D: TM694 006 350 (2x0,5mm²)
A 1200 mm 2000 mm
B 3000 mm 3700 mm
C 200 mm 3700 mm
3000 mm 3700 mm
D 200 mm 250 mm
200 mm
15-pol. (12x1mm²+3x2,5mm²)
TM394 005 551 = 500 mm
TM394 060 551 = 6000 mm
TM394 090 551 = 9000 mm
TM394 130 551 = 13000 mm
TM394 150 551 = 15000 mm
15-pol. (12x1mm²+3x2,5mm²)
TM394 060 592 = 6000 mm
TM394 090 592 = 9000 mm
TM394 130 592 = 13000 mm
TM394 150 592 = 15000 mm
15-pol. 12x1mm²+3x2,5mm²)
TM394 060 571 = 6000 mm
TM394 090 571 = 9000 mm
TM394 130 571 = 13000 mm
TM394 150 571 = 15000 mm
2x1mm²
TM794 010 230 = 1000 mm
TM794 030 230 = 3000 mm
TM794 050 230 = 5000 mm
2x1mm²
TM794 010 200 = 1000 mm
TM794 030 200 = 3000 mm
TM794 050 200 = 5000 mm
2x1mm²
TM794 010 251 = 1000 mm
TM794 020 251 = 2000 mm
TM794 040 251 = 4000 mm
TM894 005 230
TM894 005 200
TM494 018 651
Cable length: 1800 mm
TM494 018 652
Cable length: 1800 mm
TM494 015 491
Cable length: 1500 mm
TM494 020 451
Cable length: 2000 mm
TM494 015 291
Cable length: 1500 mm
15-pol. (12x1mm²+3x2,5mm²)
TM394 005 551 = 500 mm
099 865 028
TM194 006 570
TM194 006 410
TM194 006 430
TM394 006 571
TM194 006 500
9-pol. TM294 048 100
15-pol. TM294 048 500
TM294 048 430

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