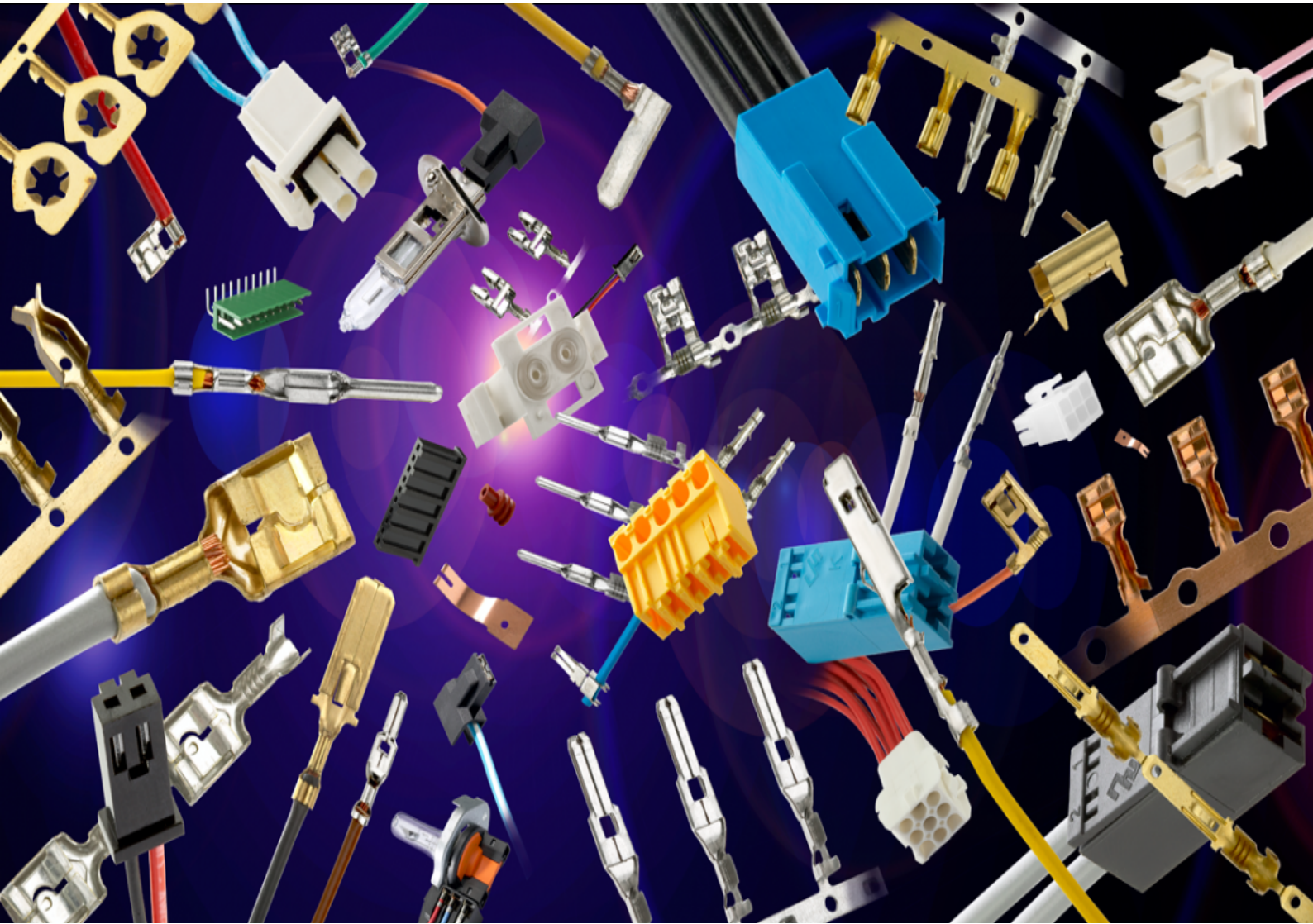


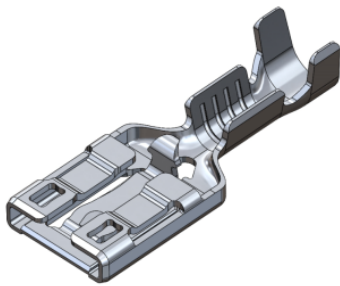
Up TP SEK3



3rd generation of Escubedo security terminals

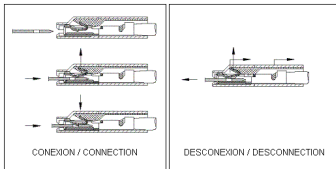
The new UP-SEK3 series with self-locking permits multiway low insertion connections and easy disconnection by the connector.

As a self-locking terminal, it keeps the property of high pull out effort disconnection by the wire.



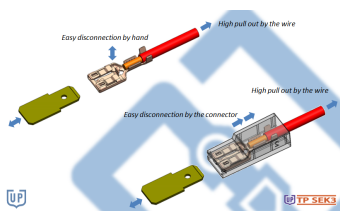
Low insertion Force

The necessity to increase the connection facilities takes us to create a rectangular shaped terminal that gives us the possibility to achieve lower male-female insertion forces, maintaining the withdrawal ones and overcoming of the electrical characteristics established in the international standards.



Self-locking

While male gets its final position inside the female, self-locking system acts mechanically locking it into the female. Thanks also to its sound, we can warranty that the connection has been made correctly.



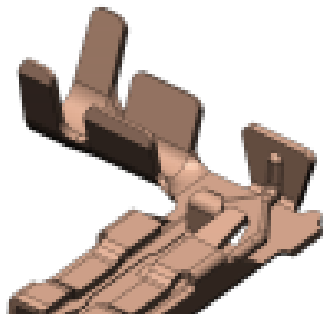
Functionality

UP TPSEK 3 is designed to be used either with housing or without

- **Manual disconnection:** If housing is not used, male and female can be disconnected easily by pressing the locking device with the finger
- **Housing disconnection:** Housings are designed to help on the disconnection by pressing the locking device with a short movement

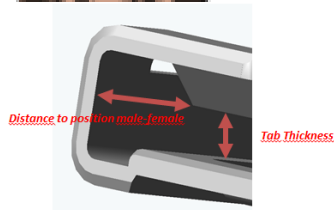
Male adaptability

The UP-TP female terminal rear part is almost totally opened so that it can be easily adapted to the male entrance. It allows the female terminal rear part locking dimple release.



B-Crimping

Design allows B-Crimping Shape in straight and flag terminals in both wire and insulation sides instead of the common O-crimping.



Easy Insertion and locking

The female terminal front part design allows an easier male-female insertion mainly thanks on two characteristics:

- First connection millimeters are only designed to assure the guidance during the male entrance avoiding also terminal deformations. Any prepositioning is needed
- Rectangular shape design allows us lower insertion forces

Receptacles

Low insertion

Figure	Part number	Wire size mm ² (AWG)	For male (mm)	Brass 00	Brass Pre-Sn 01	Steel Ni 24	Material thickness (mm)	Winding number
	4904.**	0,2-0,6 (24-20)	2,8x0,5	•	•	•	0,3	15000
	4905.**		2,8x0,8	•	•	•		
	4906.**	0,5-1 (20-18)	2,8x0,5	•	•	•		
	4907.**		2,8x0,8	•	•	•		
	4908.**	0,75-1,5 (18-16)	2,8x0,5	•	•	•		
	4909.**		2,8x0,8	•	•	•		



Receptacle housings

Figure	Part number	Ways	PA66V2 Natural 10	PA66V0 Natural 30	NO FLAME Natural 40	PAV0NF Natural 60
	22817**	1	•	•	•	•

Flags

Flags

Figure	Part number	Wire size mm ² (AWG)	Ø Insulation (mm)	For male (mm)	Brass	Brass Pre-Sn	Steel Ni	Material thickness (mm)	Winding number
					00	01	24		
	5704.**	0,2-0,6 (24-20)	1,1-2,1	2,8x0,5	•	•	•	0,3	5500
	5705.**			2,8x0,8	•	•	•		
	5706.**	0,5-1 (20-18)	1,8-2,5	2,8x0,5	•	•	•		
	5707.**			2,8x0,8	•	•	•		
	5708.**	0,75-1,5 (18-16)	1,8-2,5 FLR	2,8x0,5	•	•	•		
	5709.**			2,8x0,8	•	•	•		



Flag receptacle housings

Figure	Part number	Ways	PA66V2 Natural	PA66V0 Natural	NO FLAME Natural	PAVONF Natural
			10	30	40	60
	22837**	1	•	•	•	•

Receptacles

Self-locking terminals under TP design

Figure	Part number	Wire size mm ² (AWG)	Ø Insulation (mm)	For male (mm)	00	01	24	51	Material thickness (mm)	Winding number
					Brass	Brass Pre-Sn	Steel Ni	Cu. Alloy Pre-Sn		
	4768.**	0,2-0,6 (24-20)	1,1-2,1	4,8x0,5	•	•	•	•	0,35	6000
	4773.**			4,8x0,8	•	•	•	•		
	4770.**	0,5-1 (20-18)	1,8-2,5	4,8x0,5	•	•	•	•		
	4774.**			4,8x0,8	•	•	•	•		
	4771.**	0,5-1,5 (20-16)	1,8-2,3	4,8x0,5	•	•	•	•		10000
	4775.**			4,8x0,8	•	•	•	•		
	4772.**	1-2,5 (18-14)	3-4,3	4,8x0,5	•	•	•	•		6000
	4776.**			4,8x0,8	•	•	•	•		



Receptacle housings

Figure	Part number	Ways	10	30	40	45	50
			PA66V2 Natural	PA66V0 Natural	NO FLAME Natural	NO FLAME Black	Stanyl Natural
	24817.**	1	•	•	•	•	•

4.8 (.187) Type Series



Flags

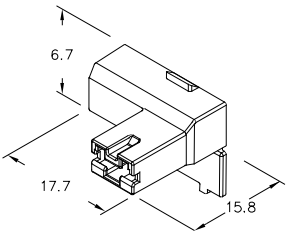
Self-locking terminals under TP design

Figure	Part number	Wire size mm ² (AWG)	Ø Insulation (mm)	For male (mm)	Brass	Brass Pre-Sn	Steel Ni	Cu. Alloy Pre-Sn	Material thickness (mm)	Winding number
					00	01	24	51		
	5768.**	0,2-0,6 (24-20)	1,1-2,1	4,8x0,5	•	•	•	•	0,35	3500
	5773.**			4,8x0,8	•	•	•	•		
	5770.**	0,5-1 (20-18)	1,8-2,5	4,8x0,5	•	•	•	•		3000
	5774.**			4,8x0,8	•	•	•	•		
	5771.**	0,5-1,5 (20-16)	1,8-2,3	4,8x0,5	•	•	•	•		3000
	5775.**			4,8x0,8	•	•	•	•		
	5772.**	1-2,5 (18-14)	3-4,3	4,8x0,5	•	•	•	•		3000
	5776.**			4,8x0,8	•	•	•	•		



Flags


Flag receptacle housings

Figure	Part number	Ways	PA66V2 Natural	PA66V0 Natural	NO FLAME Natural
	24837**	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Receptacles


Self-locking terminals under TP design

Figure	Part number	Wire size mm ² (AWG)	Ø Insulation (mm)	For male (mm)	Brass	Brass Pre-Sn	Steel Ni	Bronze	Bronze Pre-Sn	Material thickness (mm)	Winding number
					00	01	24	30	31		
	4943.**	0,2-0,6 (24-20)	1,1-2,1	6,3x0,8	•	•	•	•	•	0,4	6000
	4935.**	0,5-1 (20-18)	1,8-2,5		•	•	•	•	•		
	4937.**	0,5-1,5 (20-16)	2-3,3		•	•	•	•	•		
	4939.**	1-2,5 (18-14)	3-4,3		•	•	•	•	•		
	4941.**	2,5-5 (14-10)	3,6-5		•	•	•	•	•		



Extra low insertion

Figure	Part number	Wire size mm ² (AWG)	Ø Insulation (mm)	For male (mm)	Brass	Brass Pre-Sn	Steel Ni	Material thickness (mm)	Winding number
					00	01	24		
	4943S**	0,2-0,6 (24-20)	1,1-2,1	6,3x0,8	•	•		0,4	6000
	4935S**	0,5-1 (20-18)	1,8-2,5		•	•			
	4937S**	0,5-1,5 (20-16)	2-3,3		•	•	•		
	4939S**	1-2,5 (18-14)	3-4,3		•	•			
	4941S**	2,5-5 (14-10)	3,6-5		•	•			



Receptacles

Receptacle housings

Figure	Part number	Ways	PA66V2 Natural	PA66V0 Natural	NO FLAME Natural	PAV0NF Natural	PAV0NF Black	LCP-GF30 Black	
	26418**	1	•	•	•	•	•	•	
			<tr> <td></td> <td></td> <td></td> <td>10</td> <td>30</td> <td>40</td> <td>60</td> <td>65</td> <td>95</td> </tr>				10	30	40
			10	30	40	60	65	95	


RAST 5 Crimp Connect Connectors Self-locking

Figure	Part number	Ways	PA66V2 Natural	PA66V0 Natural	NO FLAME Natural								
	RS5412**-K	2	•	•	•								
			<tr> <td rowspan="2"> </td> <td rowspan="2">RS5413**-K</td> <td rowspan="2">3</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td> <tr> <td></td> <td></td> <td></td> <td>10</td> <td>30</td> <td>40</td> </tr> </td></tr>		RS5413**-K	3	•	•	•	<tr> <td></td> <td></td> <td></td> <td>10</td> <td>30</td> <td>40</td> </tr>			
	RS5413**-K	3	•				•	•					
			<tr> <td></td> <td></td> <td></td> <td>10</td> <td>30</td> <td>40</td> </tr>				10	30	40				
			10	30	40								

Flags

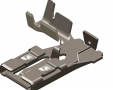
Self-locking terminals under TP design

Figure	Part number	Wire size mm ² (AWG)	For male (mm)	Brass	Brass Pre-Sn	Steel Ni	Cu. Alloy Pre-Sn	Material thickness (mm)	Winding number
				00	01	24	51		
	5728.**	0,2-0,6 (24-20)	6,3x0,8	•	•	•	•	0,4	4000
	5730.**	0,5-1 (20-18)		•	•	•	•		
	5731.**	0,5-1,5 (20-16)		•	•	•	•		3000
	5732.**	1-2,5 (18-14)		•	•	•	•		
	5734.**	2,5-4 (14-12)		•	•	•	•		



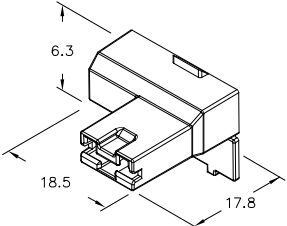
Extra low insertion

Figure	Part number	Wire size mm ² (AWG)	For male (mm)	Brass	Brass Pre-Sn	Material thickness (mm)	Winding number
				00	01		
	5728S**	0,2-0,6 (24-20)	6,3x0,8	•	•	0,4	4000
	5730S**	0,5-1 (20-18)		•	•		3000
	5731S**	0,5-1,5 (20-16)		•	•		2700
	5732S**	1-2,5 (18-14)		•	•		
	5734S**	2,5-4 (14-12)		•	•		



Flags

Flag receptacle housings

Figure	Part number	Ways	PA66V2 Natural	PA66V0 Natural	NO FLAME Natural	PAV0NF Natural
	26433**	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>