



# AUTOMOTIVE CABLES & CONECTORS

## ACCESSORIES & TOOLS



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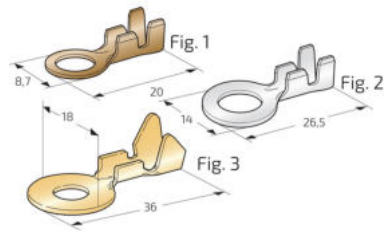
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RING TERMINALS

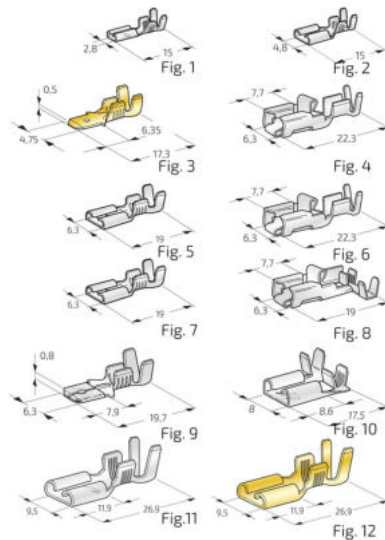
M4 - M10



Part number				Remarks		
Packed in box						
0S.02970	0.5 mm	0.8 - 2.0 mm <sup>2</sup>	M4		1	100
0S.02980	0.6 mm	0.8 - 2.0 mm <sup>2</sup>	M5		1	100
0S.02981	0.6 mm	0.8 - 2.0 mm <sup>2</sup>	M6		1	100
0S.03016	0.8 mm	3.0 - 6.0 mm <sup>2</sup>	M8		2	100
0S.02550	0.7 mm	4.0 - 6.0 mm <sup>2</sup>	M10		3	100

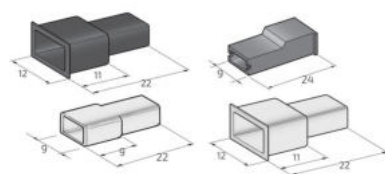
FLAT STANDARD TERMINALS

2,8 to 9,5mm



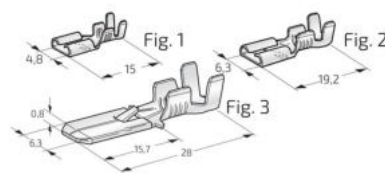
Part number				Remarks		
Packed in box						
0S.01390	2.8 x 0.3 mm	0.5 - 1.0 mm <sup>2</sup>	F		1	200
0S.01391	4.8 x 0.3 mm	0.5 - 1.0 mm <sup>2</sup>	F		2	100
0S.01417	4.8 x 0.5 mm	0.5 - 1.0 mm <sup>2</sup>	M		3	200
0S.00700	6.3 x 0.4 mm	0.5 - 1.5 mm <sup>2</sup>	F		4	50
0S.01402	6.3 x 0.4 mm	0.5 - 1.5 mm <sup>2</sup>	F		5	100
0S.00701	6.3 x 0.4 mm	2.5 - 4.0 mm <sup>2</sup>	F		6	50
0S.01400	6.3 x 0.4 mm	1.0 - 2.5 mm <sup>2</sup>	F		7	200
0S.00702	6.3 x 0.4 mm	1.0 - 2.5 mm <sup>2</sup>	F		8	50
0S.01412	6.3 x 0.8 mm	1.0 - 2.5 mm <sup>2</sup>	M		9	100
0S.01680	8.0 x 0.4 mm	1.0 - 2.5 mm <sup>2</sup>	F		10	50
0S.01720	9.5 x 0.4 mm	6.0 - 10.0 mm <sup>2</sup>	F		11	100
0S.01420	9.5 x 0.5 mm	2.0 - 4.0 mm <sup>2</sup>	F		12	100

SLEEVES FOR FLAT STANDARD TERMINALS



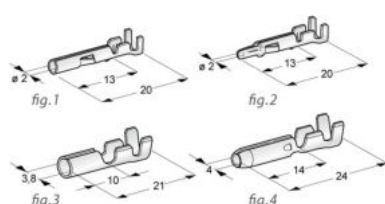
Part number	Description
Packed in box	
0S.10080	Male sleeve for terminals 6,3mm
0S.20080	Female sleeve for terminals 6,3mm
0S.10076	Female sleeve for terminals 6,3mm
0S.10086	Male sleeve for terminals 6,3mm

TERMINALS FOR "AMP" CONNECTORS



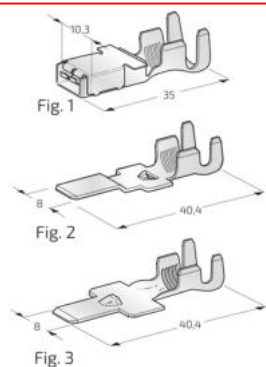
Part number				Remarks		
Packed in box						
0S.01710	4.8 x 0.32 mm	0.5 - 1.0 mm <sup>2</sup>	F		1	100
0S.01650	6.3 x 0.35 mm	1.0 - 2.5 mm <sup>2</sup>	F		2	100
0S.01660	6.3 x 0.8 mm	1.0 - 2.5 mm <sup>2</sup>	M		1	100
0S.01662	6.3 x 0.8 mm	4.0 - 6.0 mm <sup>2</sup>	M		3	100

CYLINDRICAL STANDARD TERMINALS & FOR "MATE-N-LOK" HOUSING



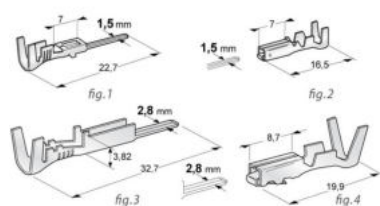
Part number				Remarks		
Packed in box						
0S.01200	dia. 2.0 mm	0.5 - 2.5 mm <sup>2</sup>	F	"MATE-N-LOCK"	1	200
0S.01210	dia. 2.0 mm	0.5 - 2.5 mm <sup>2</sup>	M	"MATE-N-LOCK"	2	200
0S.01110	dia. 4.0 mm	0.5 - 2.5 mm <sup>2</sup>	F		3	100
0S.01100	dia. 4.0 mm	0.5 - 2.5 mm <sup>2</sup>	M		4	100

POWER TERMINALS FOR HOUSING



Part number				Remarks		
Packed in box						
0S.07650	8.0 x 0.5 mm	1.5 - 2.5 mm <sup>2</sup>	F		1	20
0S.07660	8.0 x 0.5 mm	4.0 - 6.0 mm <sup>2</sup>	F		1	20
0S.07670	8.0 x 0.5 mm	8.0 - 10.0 mm <sup>2</sup>	F		1	20
0S.07671	8.0 x 0.5 mm	16.0 mm <sup>2</sup>	F		1	20
0S.07700	8.0 x 0.5 mm	2.5 - 4.0 mm <sup>2</sup>	M		2	20
0S.07675	8.0 x 0.5 mm	2.5 - 4.0 mm <sup>2</sup>	M		2	20
0S.07710	8.0 x 0.5 mm	6.0 - 8.0 mm <sup>2</sup>	M		2	20
0S.07685	8.0 x 0.5 mm	6.0 - 8.0 mm <sup>2</sup>	M		2	20
0S.07720	8.0 x 0.5 mm	10.0 - 16.0 mm <sup>2</sup>	M		2	20
0S.07690	8.0 x 0.5 mm	10.0 - 16.0 mm <sup>2</sup>	M		2	20

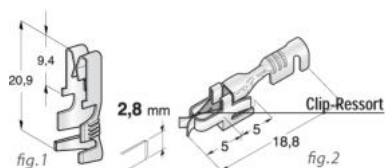
TERMINALS FOR "AMP" SUPERSEAL CONNECTORS & FUSE-HOLDERS



Part number				Remarks		
Packed in box						
0S.05560	1.5 x 0.3 mm	0.5 - 1.5 mm <sup>2</sup>	F	Series 1,5mm	2	100
0S.05550	1.5 x 0.32 mm	0.5 - 1.5 mm <sup>2</sup>	M	Series 1,5mm	1	100
0S.04500	2.8 x 0.4 mm	1.5 - 2.5 mm <sup>2</sup>	M	Series 2,8mm	3	50
0S.04510	2.8 x 0.4 mm	1.5 - 2.5 mm <sup>2</sup>	F	Series 2,8mm	4	100

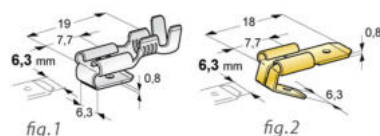
Part number	Description
Packed in box	
0S.07740	Watertight seal
0S.07750	Watertight seal

TERMINALS FOR FUSE-HOLDERS AND HOUSINGS



Part number			Remarks		
Packed in box					
0S.07900	0.4 mm	1.0 - 2.5 mm <sup>2</sup>		1	100
0S.07901	0.4 mm	2.5 - 6.0 mm <sup>2</sup>		1	100
0S.07209	2.8 x 0.4 mm	0.5 - 1.0 mm <sup>2</sup>		2	100
0S.07212	2.8 x 0.4 mm	1.5 - 2.5 mm <sup>2</sup>		2	100




MIXED TERMINALS



Part number			Remarks		
Packed in box					
0S.01501	6.3 x 0.4 mm	0.8 - 2.5 mm <sup>2</sup>		1	100
0S.01500	6.3 x 0.4 mm			2	100

## TUBULAR TERMINALS TO BE WELDED / CRIMPED

10-95mm<sup>2</sup>




Part number			Remarks	
<b>Packed in box</b>				
<b>OS.61006</b>	10 mm <sup>2</sup>	M6	Tin-plated brass	25
<b>OS.61008</b>	10 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.61606</b>	16 mm <sup>2</sup>	M6	Tin-plated brass	25
<b>OS.61608</b>	16 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.62506</b>	25 mm <sup>2</sup>	M6	Tin-plated brass	25
<b>OS.62508</b>	25 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.62510</b>	25 mm <sup>2</sup>	M10	Tin-plated brass	25
<b>OS.63506</b>	35 mm <sup>2</sup>	M6	Tin-plated brass	25
<b>OS.63508</b>	35 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.63510</b>	35 mm <sup>2</sup>	M10	Tin-plated brass	25
<b>OS.65008</b>	50 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.65010</b>	50 mm <sup>2</sup>	M10	Tin-plated brass	25
<b>OS.67008</b>	70 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.67010</b>	70 mm <sup>2</sup>	M10	Tin-plated brass	25
<b>OS.67013</b>	70 mm <sup>2</sup>	M13	Tin-plated brass	25
<b>OS.69510</b>	95 mm <sup>2</sup>	M10	Tin-plated brass	25
<b>OS.69513</b>	95 mm <sup>2</sup>	M13	Tin-plated brass	25
<b>Packed in blister</b>				
<b>HF.061006</b>	10 mm <sup>2</sup>	M6	Tin-plated brass	5
<b>HF.061008</b>	10 mm <sup>2</sup>	M8	Tin-plated brass	5
<b>HF.061606</b>	16 mm <sup>2</sup>	M6	Tin-plated brass	5
<b>HF.061608</b>	16 mm <sup>2</sup>	M8	Tin-plated brass	5
<b>HF.062506</b>	25 mm <sup>2</sup>	M6	Tin-plated brass	5
<b>HF.062508</b>	25 mm <sup>2</sup>	M8	Tin-plated brass	5
<b>HF.062510</b>	25 mm <sup>2</sup>	M10	Tin-plated brass	5
<b>HF.063506</b>	35 mm <sup>2</sup>	M6	Tin-plated brass	5
<b>HF.063508</b>	35 mm <sup>2</sup>	M8	Tin-plated brass	5
<b>HF.063510</b>	35 mm <sup>2</sup>	M10	Tin-plated brass	5
<b>HF.065008</b>	50 mm <sup>2</sup>	M8	Tin-plated brass	5
<b>HF.065010</b>	50 mm <sup>2</sup>	M10	Tin-plated brass	5
<b>HF.067008</b>	70 mm <sup>2</sup>	M8	Tin-plated brass	5
<b>HF.067010</b>	70 mm <sup>2</sup>	M10	Tin-plated brass	5
<b>HF.067013</b>	70 mm <sup>2</sup>	M13	Tin-plated brass	5
Part number	Description			
<b>Packed in box</b>				
<b>MP.500390</b>	Red cover for tubular terminals			
<b>MP.500400</b>	Black cover for tubular terminals			



EYE TERMINALS TO BE WELDED / CRIMPED

10-70mm<sup>2</sup>






Part number			Remarks	
Packed in box				
<b>OS.91006</b>	10 mm <sup>2</sup>	M6	Tin-plated brass	25
<b>OS.91008</b>	10 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.91606</b>	16 mm <sup>2</sup>	M6	Tin-plated brass	25
<b>OS.91608</b>	16 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.92506</b>	25 mm <sup>2</sup>	M6	Tin-plated brass	25
<b>OS.92508</b>	25 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.92510</b>	25 mm <sup>2</sup>	M10	Tin-plated brass	25
<b>OS.93508</b>	35 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.93510</b>	35 mm <sup>2</sup>	M10	Tin-plated brass	25
<b>OS.95008</b>	50 mm <sup>2</sup>	M8	Tin-plated brass	25
<b>OS.95010</b>	50 mm <sup>2</sup>	M10	Tin-plated brass	25
<b>OS.95013</b>	50 mm <sup>2</sup>	M13	Tin-plated brass	25
<b>OS.97010</b>	70 mm <sup>2</sup>	M10	Tin-plated brass	25
<b>OS.97013</b>	70 mm <sup>2</sup>	M13	Tin-plated brass	25

CRIMP CONNECTION SLEEVES

16-70mm<sup>2</sup>



Part number			Remarks	
Packed in box				
<b>OS.81600</b>	26.2mm	16 mm <sup>2</sup>	Tinned brass	25
<b>OS.82500</b>	30.5mm	25 mm <sup>2</sup>	Tinned brass	25
<b>OS.83500</b>	30.5mm	35 mm <sup>2</sup>	Tinned brass	25
<b>OS.85000</b>	35.5mm	50 mm <sup>2</sup>	Tinned brass	25
<b>OS.87000</b>	35.5mm	70 mm <sup>2</sup>	Tinned brass	25

## RING TERMINALS

M3 to M10 - Double crimping terminals


























Part number		Remarks	
<b>Packed in a bag</b>			
VR.0633	0,5 - 1,0 mm <sup>2</sup>	M3	1000
VR.0634	0,5 - 1,0 mm <sup>2</sup>	M4	1000
VR.0635	0,5 - 1,0 mm <sup>2</sup>	M5	1000
VR.0636	0,5 - 1,0 mm <sup>2</sup>	M6	1000
VR.0638	0,5 - 1,0 mm <sup>2</sup>	M8	1000
VR.0653	1,0 - 2,5 mm <sup>2</sup>	M3	1000
VR.0654	1,0 - 2,5 mm <sup>2</sup>	M4	1000
VR.0655	1,0 - 2,5 mm <sup>2</sup>	M5	1000
VR.0656	1,0 - 2,5 mm <sup>2</sup>	M6	1000
VR.0658	1,0 - 2,5 mm <sup>2</sup>	M8	1000
VR.0660	1,0 - 2,5 mm <sup>2</sup>	M10	1000
VR.0674	4,0 - 6,0 mm <sup>2</sup>	M4	1000
VR.0675	4,0 - 6,0 mm <sup>2</sup>	M5	1000
VR.0676	4,0 - 6,0 mm <sup>2</sup>	M6	1000
VR.0678	4,0 - 6,0 mm <sup>2</sup>	M8	1000
VR.0680	4,0 - 6,0 mm <sup>2</sup>	M10	1000
<b>Packed in box</b>			
US.0633	0,5 - 1,0 mm <sup>2</sup>	M3	100
US.0634	0,5 - 1,0 mm <sup>2</sup>	M4	100
US.0635	0,5 - 1,0 mm <sup>2</sup>	M5	100
US.0636	0,5 - 1,0 mm <sup>2</sup>	M6	100
US.0638	0,5 - 1,0 mm <sup>2</sup>	M8	100
US.0653	1,0 - 2,5 mm <sup>2</sup>	M3	100
US.0654	1,0 - 2,5 mm <sup>2</sup>	M4	100
US.0655	1,0 - 2,5 mm <sup>2</sup>	M5	100
US.0656	1,0 - 2,5 mm <sup>2</sup>	M6	100
US.0658	1,0 - 2,5 mm <sup>2</sup>	M8	100
US.0660	1,0 - 2,5 mm <sup>2</sup>	M10	100
US.0674	4,0 - 6,0 mm <sup>2</sup>	M4	100
US.0675	4,0 - 6,0 mm <sup>2</sup>	M5	100
US.0676	4,0 - 6,0 mm <sup>2</sup>	M6	100
US.0678	4,0 - 6,0 mm <sup>2</sup>	M8	100
US.0680	4,0 - 6,0 mm <sup>2</sup>	M10	100
<b>Packed in blister</b>			
HF.010634	0,5 - 1,0 mm <sup>2</sup>	M4	10
HF.010635	0,5 - 1,0 mm <sup>2</sup>	M5	10
HF.010636	0,5 - 1,0 mm <sup>2</sup>	M6	10
HF.010655	1,0 - 2,5 mm <sup>2</sup>	M5	10
HF.010656	1,0 - 2,5 mm <sup>2</sup>	M6	10
HF.010658	1,0 - 2,5 mm <sup>2</sup>	M8	10
HF.000676	4,0 - 6,0 mm <sup>2</sup>	M6	10
HF.000678	4,0 - 6,0 mm <sup>2</sup>	M8	10
HF.000680	4,0 - 6,0 mm <sup>2</sup>	M10	10

## FLAT MALE TERMINALS

2,8 to 6,3mm - Double crimping terminals







































Part number			Remarks	
<b>Packed in a bag</b>				
<b>VR.0519</b>		2.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0510</b>		4.8 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0540</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0619</b>		2.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0520</b>		4.8 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0740</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0840</b>		6.3 x 0.8mm	4,0 - 6,0 mm <sup>2</sup>	1000
<b>Packed in box</b>				
<b>US.0519</b>		2.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0510</b>		4.8 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0540</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0619</b>		2.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0520</b>		4.8 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0740</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0840</b>		6.3 x 0.8mm	4,0 - 6,0 mm <sup>2</sup>	100
<b>Packed in blister</b>				
<b>HF.010519</b>		2.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup>	10
<b>HF.010510</b>		4.8 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	10
<b>HF.010540</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	10
<b>HF.010520</b>		4.8 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	10
<b>HF.010740</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	10
<b>HF.010840</b>		6.3 x 0.8mm	4,0 - 6,0 mm <sup>2</sup>	10

## FLAT FEMALE TERMINALS

2,8 to 9,5mm - Double crimping terminals


























Part number			Remarks	
<b>Packed in a bag</b>				
<b>VR.0559.5</b>		2.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0559.8</b>		2.8 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0741.5</b>		4.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0741.8</b>		4.8 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0541</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0659.5</b>		2.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0659.8</b>		2.8 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0742.5</b>		4.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0742.8</b>		4.8 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0542</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0544</b>		8.0 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0543</b>		6.3 x 0.8mm	4,0 - 6,0 mm <sup>2</sup>	1000
<b>VR.0555</b>		9.5 x 1.1mm	4,0 - 6,0 mm <sup>2</sup>	1000
<b>Packed in box</b>				
<b>US.0559.5</b>		2.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0559.8</b>		2.8 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0741.5</b>		4.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0741.8</b>		4.8 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0541</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0659.5</b>		2.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0659.8</b>		2.8 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0742.5</b>		4.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0742.8</b>		4.8 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0542</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0544</b>		8.0 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0543</b>		6.3 x 0.8mm	4,0 - 6,0 mm <sup>2</sup>	100
<b>US.0555</b>		9.5 x 1.1mm	4,0 - 6,0 mm <sup>2</sup>	100
<b>Packed in blister</b>				
<b>HF.015595</b>		2.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup>	10
<b>HF.017418</b>		4.8 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	10
<b>HF.010541</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	10
<b>HF.016595</b>		2.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup>	10
<b>HF.010542</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	10
<b>HF.010544</b>		8.0 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	10
<b>HF.010543</b>		6.3 x 0.8mm	4,0 - 6,0 mm <sup>2</sup>	10

### 100% INSULATED FLAT FEMALE TERMINALS

2,8 to 9,5mm - Double crimping terminals


















Part number			Remarks	
<b>Packed in a bag</b>				
<b>VR.2559</b>		2.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup> Nylon	1000
<b>VR.2741</b>		4.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup> Nylon	1000
<b>VR.2541</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup> Nylon	1000
<b>VR.2659</b>		2.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup> Nylon	1000
<b>VR.2742</b>		4.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup> Nylon	1000
<b>VR.2542</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup> Nylon	1000
<b>VR.2543</b>		6.3 x 0.8mm	4,0 - 6,0 mm <sup>2</sup> Nylon	1000
<b>Packed in box</b>				
<b>US.2559</b>		2.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup> Nylon	100
<b>US.2741</b>		4.8 x 0.5mm	0,5 - 1,0 mm <sup>2</sup> Nylon	100
<b>US.2541</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup> Nylon	100
<b>US.2659</b>		2.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup> Nylon	100
<b>US.2742</b>		4.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup> Nylon	100
<b>US.2542</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup> Nylon	100
<b>US.0905</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup> "Flag" terminals	100
<b>US.2543</b>		6.3 x 0.8mm	4,0 - 6,0 mm <sup>2</sup> Nylon	100
<b>US.2555</b>		9.5 x 1.1mm	4,0 - 6,0 mm <sup>2</sup> Vinyl	100
<b>Packed in blister</b>				
<b>HF.012541</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup> Nylon	10
<b>HF.012742</b>		4.8 x 0.5mm	1,0 - 2,5 mm <sup>2</sup> Nylon	10
<b>HF.012542</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup> Nylon	10
<b>HF.012543</b>		6.3 x 0.8mm	4,0 - 6,0 mm <sup>2</sup> Nylon	10

### CYLINDRICAL MALE TERMINALS

M4 / M5 - Double crimping terminals



Part number			Remarks	
<b>Packed in a bag</b>				
<b>VR.0547</b>		0,5 - 1,0 mm <sup>2</sup>	M4	1000
<b>VR.0550.4</b>		1,0 - 2,5 mm <sup>2</sup>	M4	1000
<b>VR.0550.5</b>		1,0 - 2,5 mm <sup>2</sup>	M5	1000
<b>VR.0850</b>		4,0 - 6,0 mm <sup>2</sup>	M5	1000
<b>Packed in box</b>				
<b>US.0547</b>		0,5 - 1,0 mm <sup>2</sup>	M4	100
<b>US.0550.4</b>		1,0 - 2,5 mm <sup>2</sup>	M4	100
<b>US.0550.5</b>		1,0 - 2,5 mm <sup>2</sup>	M5	100
<b>US.0850</b>		4,0 - 6,0 mm <sup>2</sup>	M5	100
<b>Packed in blister</b>				
<b>HF.010547</b>		0,5 - 1,0 mm <sup>2</sup>	M4	10
<b>HF.015504</b>		1,0 - 2,5 mm <sup>2</sup>	M4	10
<b>HF.015505</b>		1,0 - 2,5 mm <sup>2</sup>	M5	10
<b>HF.010850</b>		4,0 - 6,0 mm <sup>2</sup>	M5	10



## CYLINDRICAL MALE TERMINALS - NYLON

M4 / M5 - Double crimping terminals



Part number		Remarks	
Packed in a bag			
VR.2547	0,5 - 1,0 mm <sup>2</sup>	M4	1000
VR.2550.4	1,0 - 2,5 mm <sup>2</sup>	M4	1000
VR.2550.5	1,0 - 2,5 mm <sup>2</sup>	M5	1000
Packed in box			
US.2547	0,5 - 1,0 mm <sup>2</sup>	M4	100
US.2550.4	1,0 - 2,5 mm <sup>2</sup>	M4	100
US.2550.5	1,0 - 2,5 mm <sup>2</sup>	M5	100

## CYLINDRICAL FEMALE TERMINALS

M4 / M5 - Double crimping terminals



Part number		Remarks	
Packed in a bag			
VR.0548	0,5 - 1,0 mm <sup>2</sup>	M4	1000
VR.0549.4	1,0 - 2,5 mm <sup>2</sup>	M4	1000
VR.0549.5	1,0 - 2,5 mm <sup>2</sup>	M5	1000
VR.0849	4,0 - 6,0 mm <sup>2</sup>	M5	1000
Packed in box			
US.0548	0,5 - 1,0 mm <sup>2</sup>	M4	100
US.0549.4	1,0 - 2,5 mm <sup>2</sup>	M4	100
US.0549.5	1,0 - 2,5 mm <sup>2</sup>	M5	100
US.0849	4,0 - 6,0 mm <sup>2</sup>	M5	100
Packed in blister			
HF.010548	0,5 - 1,0 mm <sup>2</sup>	M4	10
HF.015494	1,0 - 2,5 mm <sup>2</sup>	M4	10
HF.015495	1,0 - 2,5 mm <sup>2</sup>	M5	10
HF.010849	4,0 - 6,0 mm <sup>2</sup>	M5	10

## CYLINDRICAL FEMALE TERMINALS - NYLON










M4 / M5 - Double crimping terminals



Part number		Remarks	
Packed in a bag			
VR.2548	0,5 - 1,0 mm <sup>2</sup>	M4	1000
VR.2549.4	1,0 - 2,5 mm <sup>2</sup>	M4	1000
VR.2549.5	1,0 - 2,5 mm <sup>2</sup>	M5	1000
Packed in box			
US.2548	0,5 - 1,0 mm <sup>2</sup>	M4	100
US.2549.4	1,0 - 2,5 mm <sup>2</sup>	M4	100
US.2549.5	1,0 - 2,5 mm <sup>2</sup>	M5	100







END-TO-END TERMINALS - VINYL



Part number		Remarks	
Packed in a bag			
VR.0545	 0,5 - 1,0 mm <sup>2</sup>		1000
VR.0546	 1,0 - 2,5 mm <sup>2</sup>		1000
VR.0551	 4,0 - 6,0 mm <sup>2</sup>		1000
Packed in box			
US.0545	 0,5 - 1,0 mm <sup>2</sup>		100
US.0546	 1,0 - 2,5 mm <sup>2</sup>		100
US.0551	 4,0 - 6,0 mm <sup>2</sup>		100
Packed in blister			
HF.010545	 0,5 - 1,0 mm <sup>2</sup>		10
HF.010546	 1,0 - 2,5 mm <sup>2</sup>		10
HF.010551	 4,0 - 6,0 mm <sup>2</sup>		10

END-TO-END TERMINALS - NYLON















Part number		Remarks	
Packed in a bag			
VR.0701	 0,5 - 1,0 mm <sup>2</sup>		1000
VR.0702	 1,0 - 2,5 mm <sup>2</sup>		1000
VR.0703	 4,0 - 6,0 mm <sup>2</sup>		1000
Packed in box			
US.0701	 0,5 - 1,0 mm <sup>2</sup>		100
US.0702	 1,0 - 2,5 mm <sup>2</sup>		100
US.0703	 4,0 - 6,0 mm <sup>2</sup>		100

FORK TERMINALS

M3 to M6 - Double crimping terminals











Part number			Remarks	
Packed in a bag				
VR.0644	 0,5 - 1,0 mm <sup>2</sup>	M4		1000
VR.0663	 1,0 - 2,5 mm <sup>2</sup>	M3		1000
VR.0664	 1,0 - 2,5 mm <sup>2</sup>	M4		1000
VR.0665	 1,0 - 2,5 mm <sup>2</sup>	M5		1000
VR.0666	 1,0 - 2,5 mm <sup>2</sup>	M6		1000
VR.0685	 4,0 - 6,0 mm <sup>2</sup>	M5		1000
Packed in box				
US.0644	 0,5 - 1,0 mm <sup>2</sup>	M4		100
US.0663	 1,0 - 2,5 mm <sup>2</sup>	M3		100
US.0664	 1,0 - 2,5 mm <sup>2</sup>	M4		100
US.0665	 1,0 - 2,5 mm <sup>2</sup>	M5		100
US.0666	 1,0 - 2,5 mm <sup>2</sup>	M6		100
US.0685	 4,0 - 6,0 mm <sup>2</sup>	M5		100

## MIXED CLIPS

Double crimping terminals












Part number			Remarks	
Packed in a bag				
<b>VR.0561</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0562</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	1000
Packed in box				
<b>US.0561</b>		6.3 x 0.8mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0562</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	100
Packed in blister				
<b>HF.010562</b>		6.3 x 0.8mm	1,0 - 2,5 mm <sup>2</sup>	10

## END PIECES

Double crimping terminals



Part number			Remarks	
Packed in a bag				
<b>VR.0566</b>		1.9 x 12mm	0,5 - 1,0 mm <sup>2</sup>	1000
<b>VR.0621</b>		1.9 x 12mm	1,0 - 2,5 mm <sup>2</sup>	1000
<b>VR.0622</b>		2.7 x 14mm	4,0 - 6,0 mm <sup>2</sup>	1000
Packed in box				
<b>US.0566</b>		1.9 x 12mm	0,5 - 1,0 mm <sup>2</sup>	100
<b>US.0621</b>		1.9 x 12mm	1,0 - 2,5 mm <sup>2</sup>	100
<b>US.0622</b>		2.7 x 14mm	4,0 - 6,0 mm <sup>2</sup>	100

RING HEATSHRINK TERMINALS

M4 to M10



Part number			Remarks	
<b>Packed in a bag</b>				
VR.0634T		0,5 - 1,0 mm <sup>2</sup>	M4	500
VR.0635T		0,5 - 1,0 mm <sup>2</sup>	M5	500
VR.0636T		0,5 - 1,0 mm <sup>2</sup>	M6	500
VR.0654T		1,0 - 2,5 mm <sup>2</sup>	M4	500
VR.0655T		1,0 - 2,5 mm <sup>2</sup>	M5	500
VR.0656T		1,0 - 2,5 mm <sup>2</sup>	M6	500
VR.0658T		1,0 - 2,5 mm <sup>2</sup>	M8	500
VR.0675T		4,0 - 6,0 mm <sup>2</sup>	M5	500
VR.0676T		4,0 - 6,0 mm <sup>2</sup>	M6	500
VR.0678T		4,0 - 6,0 mm <sup>2</sup>	M8	500
VR.0680T		4,0 - 6,0 mm <sup>2</sup>	M10	500
<b>Packed in box</b>				
US.0634T		0,5 - 1,0 mm <sup>2</sup>	M4	50
US.0635T		0,5 - 1,0 mm <sup>2</sup>	M5	50
US.0636T		0,5 - 1,0 mm <sup>2</sup>	M6	50
US.0654T		1,0 - 2,5 mm <sup>2</sup>	M4	50
US.0655T		1,0 - 2,5 mm <sup>2</sup>	M5	50
US.0656T		1,0 - 2,5 mm <sup>2</sup>	M6	50
US.0658T		1,0 - 2,5 mm <sup>2</sup>	M8	50
US.0675T		4,0 - 6,0 mm <sup>2</sup>	M5	50
US.0676T		4,0 - 6,0 mm <sup>2</sup>	M6	50
US.0678T		4,0 - 6,0 mm <sup>2</sup>	M8	50
US.0680T		4,0 - 6,0 mm <sup>2</sup>	M10	50
<b>Packed in blister</b>				
HF.010634T		0,5 - 1,0 mm <sup>2</sup>	M4	10
HF.010635T		0,5 - 1,0 mm <sup>2</sup>	M5	10
HF.010636T		0,5 - 1,0 mm <sup>2</sup>	M6	10
HF.010654T		1,0 - 2,5 mm <sup>2</sup>	M4	10
HF.010655T		1,0 - 2,5 mm <sup>2</sup>	M5	10
HF.010656T		1,0 - 2,5 mm <sup>2</sup>	M6	10
HF.010658T		1,0 - 2,5 mm <sup>2</sup>	M8	10
HF.010675T		4,0 - 6,0 mm <sup>2</sup>	M5	10
HF.010676T		4,0 - 6,0 mm <sup>2</sup>	M6	10
HF.010678T		4,0 - 6,0 mm <sup>2</sup>	M8	10
HF.010680T		4,0 - 6,0 mm <sup>2</sup>	M10	10

Usage temperature: -55°C ~ 125°C

Shrinking temperature: 80°C

Ratio 3:1

Waterproof IP68

Corrosion and abrasion resistant

## FLAT MALE HEATSHRINK TERMINALS

6,35mm



Part number		L	Ø	Remarks	
Packed in a bag					
VR.0540T		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		500
VR.0740T		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		500
VR.0840T		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		500
Packed in box					
US.0540T		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		50
US.0740T		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		50
US.0840T		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		50
Packed in blister					
HF.010540T		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		10
HF.010740T		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		10
HF.010840T		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		10

Usage temperature: -55°C ~ 125°C

Shrinking temperature: 80°C

Ratio 3:1

Waterproof IP68

Corrosion and abrasion resistant

## FLAT FEMALE HEATSHRINK TERMINALS

6,35mm



Part number		L	Ø	Remarks	
Packed in a bag					
VR.0541T		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		500
VR.0542T		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		500
VR.0543T		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		500
Packed in box					
US.0541T		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		50
US.0542T		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		50
US.0543T		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		50
Packed in blister					
HF.010541T		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		10
HF.010542T		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		10
HF.010543T		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		10

Usage temperature: -55°C ~ 125°C

Shrinking temperature: 80°C

Ratio 3:1

Waterproof IP68

Corrosion and abrasion resistant



### 100% INSULATED FLAT FEMALE HEATSHRINK TERMINALS

6,35mm



Part number		L	Ø	Remarks	
<b>Packed in a bag</b>					
<b>VR.2541T</b>		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		500
<b>VR.2542T</b>		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		500
<b>VR.2543T</b>		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		500
<b>Packed in box</b>					
<b>US.2541T</b>		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		50
<b>US.2542T</b>		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		50
<b>US.2543T</b>		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		50
<b>Packed in blister</b>					
<b>HF.012541T</b>		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		10
<b>HF.012542T</b>		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		10
<b>HF.012543T</b>		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		10

Usage temperature: -55°C ~ 125°C

Shrinking temperature: 80°C

Ratio 3:1

Waterproof IP68

Corrosion and abrasion resistant

### 100% INSULATED FLAT MALE HEATSHRINK TERMINALS

6,35mm



Part number		L	Ø	Remarks	
<b>Packed in a bag</b>					
<b>VR.2540T</b>		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		500
<b>VR.2740T</b>		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		500
<b>VR.2840T</b>		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		500
<b>Packed in box</b>					
<b>US.2540T</b>		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		50
<b>US.2740T</b>		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		50
<b>US.2840T</b>		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		50
<b>Packed in blister</b>					
<b>HF.012540T</b>		6.35 mm	0,5 - 1,0 mm <sup>2</sup>		10
<b>HF.012740T</b>		6.35 mm	1,0 - 2,5 mm <sup>2</sup>		10
<b>HF.012840T</b>		6.35 mm	4,0 - 6,0 mm <sup>2</sup>		10

Usage temperature: -55°C ~ 125°C

Shrinking temperature: 80°C

Ratio 3:1










Waterproof IP68

Corrosion and abrasion resistant

## CYLINDRICAL MALE HEATSHRINK TERMINALS

M4 / M5



Part number		Remarks	
Packed in a bag			
VR.0547T	 0,5 - 1,0 mm <sup>2</sup>	M4	500
VR.0550.4T	 1,0 - 2,5 mm <sup>2</sup>	M4	500
VR.0550.5T	 1,0 - 2,5 mm <sup>2</sup>	M5	500
Packed in box			
US.0547T	 0,5 - 1,0 mm <sup>2</sup>	M4	50
US.0550.4T	 1,0 - 2,5 mm <sup>2</sup>	M4	50
US.0550.5T	 1,0 - 2,5 mm <sup>2</sup>	M5	50
Packed in blister			
HF.010547T	 0,5 - 1,0 mm <sup>2</sup>	M4	10
HF.015504T	 1,0 - 2,5 mm <sup>2</sup>	M5	10
HF.015505T	 1,0 - 2,5 mm <sup>2</sup>	M5	10

Usage temperature: -55°C ~ 125°C

Shrinking temperature: 80°C

Ratio 3:1










Waterproof IP68

Corrosion and abrasion resistant

## CYLINDRICAL FEMALE HEATSHRINK TERMINALS

M4 / M5



Part number		Remarks	
Packed in a bag			
VR.0548T	 M4		500
VR.0549.4T	 M4		500
VR.0549.5T	 M5		500
Packed in box			
US.0548T	 M4		50
US.0549.4T	 M4		50
US.0549.5T	 M5		50
Packed in blister			
HF.010548T	 M4		10
HF.015494T	 M4		10
HF.015495T	 M5		10

Usage temperature: -55°C ~ 125°C

Shrinking temperature: 80°C

Ratio 3:1







Waterproof IP68

Corrosion and abrasion resistant

## HEATSHRINK FORK TERMINALS

M4 / M5



Part number		Remarks	
Packed in a bag			
VR.0644T	 0,5 - 1,0 mm <sup>2</sup>	M4	500
VR.0665T	 1,0 - 2,5 mm <sup>2</sup>	M5	500
VR.0685T	 4,0 - 6,0 mm <sup>2</sup>	M5	500
Packed in box			
US.0644T	 0,5 - 1,0 mm <sup>2</sup>	M4	50
US.0665T	 1,0 - 2,5 mm <sup>2</sup>	M5	50
US.0685T	 4,0 - 6,0 mm <sup>2</sup>	M5	50

Usage temperature: -55°C ~ 125°C

Shrinking temperature: 80°C

Ratio 3:1

Waterproof IP68

Corrosion and abrasion resistant

HEATSHRINK END-TO-END TERMINALS



Part number		Remarks	
Packed in a bag			
VR.0545T	0,5 - 1,0 mm <sup>2</sup>		500
VR.0546T	1,0 - 2,5 mm <sup>2</sup>		500
VR.0551T	4,0 - 6,0 mm <sup>2</sup>		500
Packed in box			
US.0545T	0,5 - 1,0 mm <sup>2</sup>		50
US.0546T	1,0 - 2,5 mm <sup>2</sup>		50
US.0551T	4,0 - 6,0 mm <sup>2</sup>		50
Packed in blister			
HF.010545T	0,5 - 1,0 mm <sup>2</sup>		10
HF.010546T	1,0 - 2,5 mm <sup>2</sup>		10
HF.010551T	4,0 - 6,0 mm <sup>2</sup>		10

Usage temperature: -55°C ~ 125°C  
 Shrinking temperature: 80°C  
 Ratio 3:1  
 Waterproof IP68  
 Corrosion and abrasion resistant

HEATSHRINK END-TO-END TERMINALS TO BE WELDED



Part number			Remarks	
Packed in a bag				
VR.2241TS	dia. 1.7mm	0.1 - 0.5		500
VR.2341TS	dia. 2.7mm	0.5 - 1.0		500
VR.2251TS	dia. 4.5mm	1.0 - 2.5		500
VR.2261TS	dia. 6.0mm	2.5 - 6.0		500
Packed in box				
US.2241TS	dia. 1.7mm	0.1 - 0.5		25
US.2341TS	dia. 2.7mm	0.5 - 1.0		25
US.2251TS	dia. 4.5mm	1.0 - 2.5		25
US.2261TS	dia. 6.0mm	2.5 - 6.0		25

Usage temperature: -55°C ~ 105°C  
 Shrinking temperature: 60°C  
 Ratio 2:1  
 Waterproof IP68  
 Seamless sleeve

SPLICE WIRE TERMINAL CONNECTORS



Part number		Remarks	
Packed in a bag			
VR.2568	0,5 - 1,0 mm <sup>2</sup>		1000
VR.2569	1,0 - 2,5 mm <sup>2</sup>		1000
Packed in a small bag			
US.2568	0,5 - 1,0 mm <sup>2</sup>		100
US.2569	1,0 - 2,5 mm <sup>2</sup>		100
US.2571	4,0 - 6,0 mm <sup>2</sup>		50
Packed in blister			
HF.002568	0,5 - 1,0 mm <sup>2</sup>		10
HF.002569	1,0 - 2,5 mm <sup>2</sup>		10

## SPLICE WIRE TERMINAL CONNECTORS T-TAP



Part number				Remarks	
Packed in a bag					
VR.2951			0,5 - 1,0 mm <sup>2</sup>	F	500
VR.2540		6.3 x 0.8mm <sup>2</sup>	0,5 - 1,0 mm <sup>2</sup>	M	1000
VR.2952			1,0 - 2,5 mm <sup>2</sup>	F	500
VR.2740		6.3 x 0.8mm <sup>2</sup>	1,0 - 2,5 mm <sup>2</sup>	M	1000
VR.2953			4,0 - 6,0 mm <sup>2</sup>	F	500
VR.2840		6.3 x 0.8mm <sup>2</sup>	4,0 - 6,0 mm <sup>2</sup>	M	1000
Packed in box					
US.2951			0,5 - 1,0 mm <sup>2</sup>	F	100
US.2540		6.3 x 0.8mm <sup>2</sup>	0,5 - 1,0 mm <sup>2</sup>	M	100
US.2952			1,0 - 2,5 mm <sup>2</sup>	F	100
US.2740		6.3 x 0.8mm <sup>2</sup>	1,0 - 2,5 mm <sup>2</sup>	M	100
US.2953			4,0 - 6,0 mm <sup>2</sup>	F	100
US.2840		6.3 x 0.8mm <sup>2</sup>	4,0 - 6,0 mm <sup>2</sup>	M	100
Packed in blister					
HF.002951			0,5 - 1,0 mm <sup>2</sup>		10
HF.002952			1,0 - 2,5 mm <sup>2</sup>		10
HF.002953			4,0 - 6,0 mm <sup>2</sup>		10

## DOUBLE INSULATED MALE CONNECTIONS



Part number	Description
Packed in box	
OS.02690	Double insulated connector for 2 flat female terminals 6,35mm

## Y-WIRED CONNECTIONS - FLAT TERMINALS

6,3mm



Part number	Description
Packed in box	
OS.02590	2 male / 1 female
OS.02591	2 female / 1 male
Packed in blister	
HF.602590	2 male / 1 female
HF.602591	2 female / 1 male

## Y-WIRED CONNECTIONS - CYLINDRICAL TERMINALS

M4















Part number	Description
Packed in box	
OS.02592	2 male / 1 female
OS.02593	2 female / 1 male

### WIRING ENDS


Color code France



Part number			Remarks	
Packed in box				
05.02007		8.00 mm	0.75 mm <sup>2</sup>	100
05.02010		8.00 mm	1.00 mm <sup>2</sup>	100
05.02015		8.00 mm	1.50 mm <sup>2</sup>	100
05.02025		8.00 mm	2.50 mm <sup>2</sup>	100
05.02040		12.00 mm	4.00 mm <sup>2</sup>	100
05.02060		12.00 mm	6.00 mm <sup>2</sup>	100
05.02100		12.00 mm	10.00 mm <sup>2</sup>	100
05.02160		12.00 mm	16.00 mm <sup>2</sup>	100
05.02250		16.00 mm	25.00 mm <sup>2</sup>	100


### SETS OF WIRING ENDS (100 PCS)



Part number	Content	
Packed in box		
05.03100	Wiring ends (100): 50x 4,00mm <sup>2</sup> yellow 20x 6,00mm <sup>2</sup> green 20x 10,00mm <sup>2</sup> brown 10x 16,00mm <sup>2</sup> white	1




### SETS OF WIRING ENDS (400 PCS)



Part number	Content	
Packed in box		
05.03400	Wiring ends (400): 100x 0,75mm <sup>2</sup> blue 100x 1,00mm <sup>2</sup> red 100x 1,50mm <sup>2</sup> black 100x 2,50mm <sup>2</sup> grey	1

### END CONNECTORS




Part number			Remarks	
Packed in a bag				
05.01601		Dia.: 2.4mm	0.5 - 1.0mm <sup>2</sup>	100
05.01602		Dia.: 3.0mm	1.5 - 2.5mm <sup>2</sup>	100
05.01603		Dia.: 3.8mm	4.0 - 6.0mm <sup>2</sup>	100




## MIXED BLISTER PACKS OF ELECTRIC TERMINALS



Part number	Content	
Packed in blister		
<b>HF.002580</b>	Flat male terminals 6.3mm: 10x blue Flat female terminals 6.3mm: 10x blue	1
<b>HF.002581</b>	Flat male terminals 6.3mm: 10x red Flat female terminals 6.3mm: 10x red	1
<b>HF.002582</b>	Cylindrical male terminals M4: 10x blue Cylindrical female terminals M4: 10x blue	1
<b>HF.002583</b>	Cylindrical male terminals M4: 10x red Cylindrical female terminals M4: 10x red	1
<b>HF.002585</b>	Eye terminals: 5x M4 blue, 5x M5 blue, 5x M6 blue, 5x M8 blue	1
<b>HF.002586</b>	100% insulated flat female terminals 6.3mm: 10x red Flat male terminals 6.3mm: 10x red	1
<b>HF.002587</b>	100% insulated flat female terminals 6.3mm: 10x blue Flat male terminals 6.3mm: 10x blue	1
<b>HF.002588</b>	Cylindrical male terminals M5: 5x yellow Cylindrical female terminals M5: 5x yellow	1
<b>HF.002589</b>	Hi-Fi Flat female terminals: 4x (2.8 x 0.5mm) red, 4x (4.8 x 0.5mm) red, 4x (6.3 x 0.5mm) blue Flat male terminals: 4x (6.3 x 0.5mm) blue Eye terminals: 2x M6 blue, 2x M8 blue	1
<b>HF.002595</b>	Selfstripping connector: 5x red Flat male terminals for selfstripping connector: 5x red	1
<b>HF.002596</b>	Selfstripping connector: 5x blue Flat male terminals for selfstripping connector: 5x blue	1


## MIXED BLISTER PACKS OF END-TO-END HEAT TERMINALS TO BE CRIMPED



Part number	Content	
Packed in blister		
<b>HF.040040</b>	End-to-end heatshrink terminals: 10x red, 20x blue, 10x yellow	1


## MIXED BLISTER PACKS OF END-TO-END HEAT TERMINALS TO BE WELDED



Part number	Content	
Packed in blister		
<b>HF.040030</b>	End-to-end terminals: 5x transparent, 10x red, 10x blue, 5x yellow	1

## BLISTER PACK WITH INSULATED TERMINALS AND CRIMPING PLIER



Part number	Content	
Packed in blister		
<b>ZB.3000</b>	Insulated terminals (48): Flat male terminals: 3x red, 3x blue Flat female terminals: 3x red, 3x blue Fork terminals: 3x M4 red, 3x M5 red, 3x M4 blue, 3x M5 blue Eye terminals: 3x M4 red, 3x M5 red, 3x M4 blue, 3x M5 blue End-to-end: 6x red, 6x blue Crimping plier (EI.K034)	1

### BOX WITH 100 TERMINALS



Part number	Content	
<b>Packed in case</b>		
<b>ZB.4001</b>	Flat male terminals 6,3mm: 5x red, 7x blue Flat female terminals 6,3mm: 5x red, 10x blue, 5x yellow 100% insulated flat female terminals 6,3mm: 5x red, 7x blue, 5x yellow Cylindrical male terminals M4: 5x blue Cylindrical female terminals M4: 5x blue End-to-end: 7x red, 7x blue, 5x yellow Eye terminals: 5x M5 blue, 5x M6 blue, 5x M8 blue, 5x M8 yellow Bypass: 2x blue	1

### BOX WITH 220 TERMINALS

*Heatshrink terminals*



Part number	Content	
<b>Packed in case</b>		
<b>ZB.5702</b>	Flat male terminals 6,3mm: 15x red, 15x blue, 10x yellow Flat female terminals 6,3mm: 15x red, 15x blue, 10x yellow End-to-end: 25x red, 25x blue, 10x yellow Eye terminals: 10x M4 red, 10x M5 red, 10x M6 red, 10x M5 blue, 10x M6 blue, 10x M8 blue, 10x M6 yellow, 10x M8 yellow	1

### BOX WITH 225 TERMINALS

*Heatshrink terminals*



Part number	Content	
<b>Packed in case</b>		
<b>MA.227</b>	100% insulated flat male terminals 6,3mm: 5x red, 5x blue 100% insulated flat female terminals 6,3mm: 10x red, 10x blue End-to-end: 50x red, 60x blue, 15x yellow Eye terminals: 10x M4 blue, 10x M5 blue, 10x M6 blue, 10x M8 blue, 10x M5 yellow, 10x M6 yellow, 10x M8 yellow Crimping pliers Gas spray gun	1

### BOX WITH 300 TERMINALS + CLAMP



Part number	Content	
<b>Packed in case</b>		
<b>ZB.6000</b>	Flat male terminals 6,3mm: 15x red, 25x blue Flat female terminals 6,3mm: 15x red, 25x blue 100% insulated flat female terminals 6,3mm: 15x red, 20x blue Flat female terminals 2,8mm: 15x red Cylindrical male terminals M4: 15x red, 15x blue Cylindrical female terminas M4: 15x red, 15x blue End-to-end: 15x red, 20x blue Eye terminals: 15x M6 red, 20x M5 blue, 20x M6 blue Bypass: 5x blue Mixed clips 6,3mm: 15x blue	1

## BOX WITH 535 TERMINALS

*Specific for agriculture*

Part number	Content	
Packed in case		
<b>ZB.5535</b>	Flat male terminals 6,3mm: 25x red, 40x blue Flat female terminals 6,3mm: 40x blue, 25x yellow 100% insulated flat female terminals 6,3mm: 25x red, 40x blue, 25x yellow Cylindrical male terminals M5: 30x blue Cylindrical female terminals M5: 30x blue End-to-end: 25x red, 40x blue Eye terminals: 30x M5 blue, 30x M6 blue, 30x M8 blue, 25x M8 yellow, 30x M10 yellow Bypass: 15x blue Mixed clips 6,3mm: 30x blue	1

## CASE WITH 590 TERMINALS, CLAMP &amp; 40 CABLE TIES



Part number	Content	
Packed in case		
<b>ZB.5000</b>	Flat male terminals 6,3mm: 30x red, 40x blue Flat female terminals 6,3mm: 30x red, 50x blue 100% insulated flat female terminals 6,3mm: 30x red, 30x blue Flat female terminals 2,8mm: 30x red End-to-end: 30x red, 30x blue Cylindrical male terminals M4: 30x red, 30x blue Cylindrical female terminals M4: 30x red, 30x blue Eye terminals M5: 25x red, 30x blue Fork terminals M4: 30x M4 red, 30x M5 blue Mixed clips 6,3mm: 20x blue Bypass: 10x blue White cable ties: 20x (2,5x100mm), 20x (3,6x200mm)	1

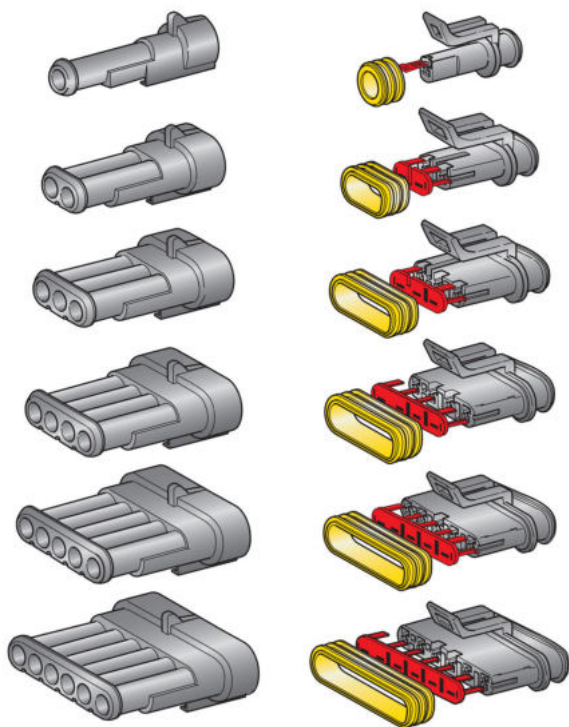
## CASE WITH 775 TERMINALS



Part number	Content	
Packed in case		
<b>ZB.5775</b>	Flat male terminals 6,3mm: 50x red, 50x blue Flat female terminals 6,3mm: 50x red, 50x blue, 50x yellow 100% insulated flat female terminals 6,3mm: 25x red, 25x blue Flat female terminals 2,8mm: 50x red Flat female terminals 6,3mm: 50x red Eye terminals M5: 25x yellow, 50x M4 red, 50x M4 blue, 50x M5 blue Cylindrical male terminals M4: 50x blue Cylindrical female terminals M4: 25x blue End-to-end: 25x red, 25x blue Fork terminals: 50x M5 blue Mixed clips 6,3mm: 25x blue	1

### AMP SUPERSEAL CONNECTORS 1,5MM

IP67 - Delivered without terminals or seals

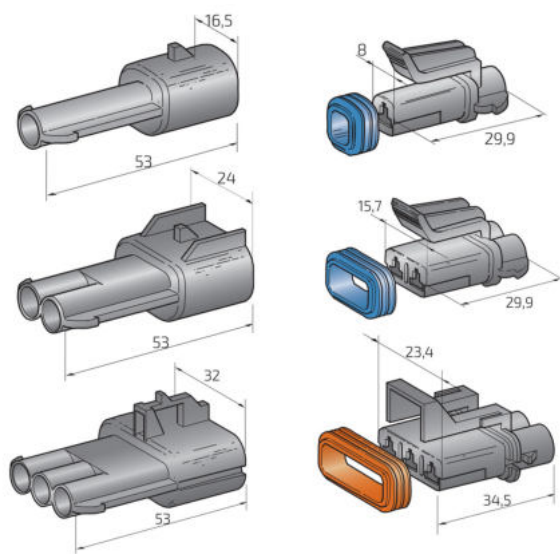


Part number	⌘	♂	↔	📦
Packed in a small bag				
OS.23610	1	F	OS.23620	10
OS.23620	1	M	OS.23610	10
OS.23630	2	F	OS.23640	10
OS.23640	2	M	OS.23630	10
OS.23650	3	F	OS.23660	10
OS.23660	3	M	OS.23650	10
OS.23670	4	F	OS.23680	5
OS.23680	4	M	OS.23670	5
OS.23690	5	F	OS.23700	5
OS.23700	5	M	OS.23690	5
OS.23710	6	F	OS.23720	5
OS.23720	6	M	OS.23710	5

Part number	Description
Packed in box	
OS.07740	Watertight seal
OS.07750	Watertight seal

### AMP SUPERSEAL CONNECTORS 2,8MM

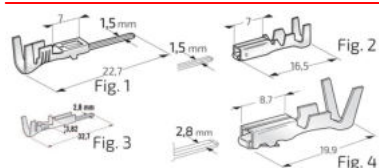
IP67 - Delivered without terminals or seals



Part number	⌘	♂	↔	📦
Packed in box				
OS.23520	1	F	OS.23510	5
OS.23510	1	M	OS.23520	5
OS.23540	2	F	OS.23530	5
OS.23530	2	M	OS.23540	5
OS.23560	3	F	OS.23550	5
OS.23550	3	M	OS.23560	5

Part number	Description
Packed in box	
OS.07510	Watertight seal

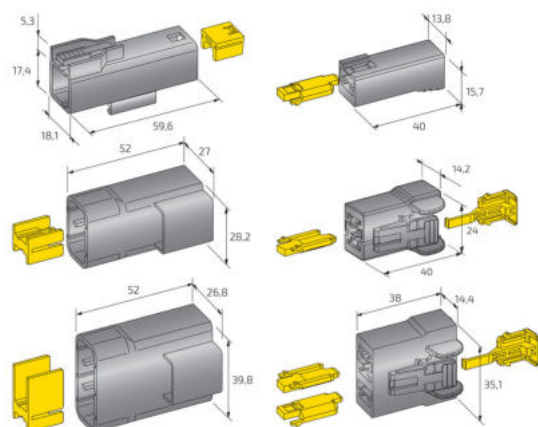
### TERMINALS FOR AMP SUPERSEAL CONNECTORS



Part number	📏	⊙	♂	Remarks	📧	📦
Packed in box						
OS.05550	1,5 x 0,32 mm	0,5 - 1,5 mm <sup>2</sup>	M	Series 1,5mm	1	100
OS.05560	1,5 x 0,3 mm	0,5 - 1,5 mm <sup>2</sup>	F	Series 1,5mm	2	100
OS.04500	2,8 x 0,4 mm	1,5 - 2,5 mm <sup>2</sup>	M	Series 2,8mm	3	50
OS.04510	2,8 x 0,4 mm	1,5 - 2,5 mm <sup>2</sup>	F	Series 2,8mm	4	100

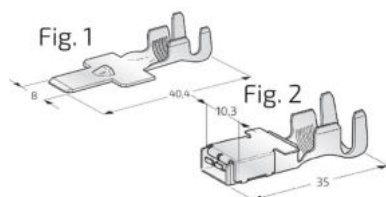
## POWER CONNECTORS

Delivered without terminals



Part number	⊞	♀	↕	📦
Packed in box				
OS.40200	1	F	OS.40100	20
OS.40100	1	M	OS.40200	20
OS.40400	2	F	OS.40300	10
OS.40300	2	M	OS.40400	10
OS.40410	2	F	OS.40310	10
OS.40310	2	M	OS.40410	10
OS.40420	2	F	OS.40340	10
OS.40340	2	M	OS.40420	10
OS.40800	3	F	OS.40700	10
OS.40700	3	M	OS.40800	10

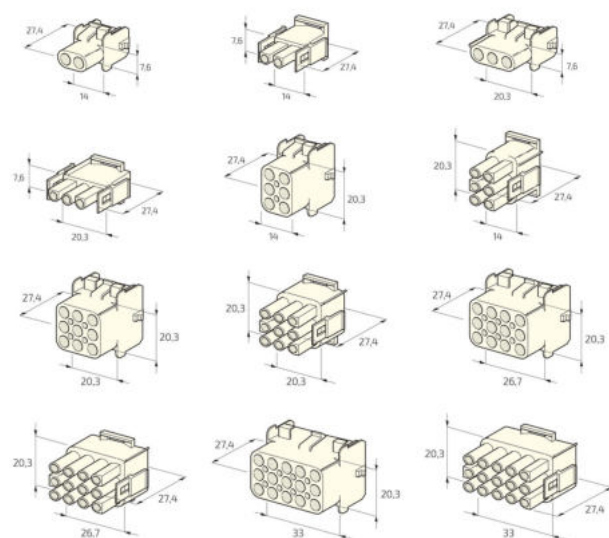
## TERMINALS FOR POWER CONNECTORS



Part number	L	⊙	♀	Remarks	📷	📦
Packed in box						
OS.07675	8.0 x 0.5 mm	2.5 - 4.0 mm <sup>2</sup>	M		2	20
OS.07685	8.0 x 0.5 mm	6.0 - 8.0 mm <sup>2</sup>	M		2	20
OS.07690	8.0 x 0.5 mm	10.0 - 16.0 mm <sup>2</sup>	M		2	20
OS.07650	8.0 x 0.5 mm	1.5 - 2.5 mm <sup>2</sup>	F		1	20
OS.07660	8.0 x 0.5 mm	4.0 - 6.0 mm <sup>2</sup>	F		1	20
OS.07670	8.0 x 0.5 mm	8.0 - 10.0 mm <sup>2</sup>	F		1	20
OS.07671	8.0 x 0.5 mm	16.0 mm <sup>2</sup>	F		1	20

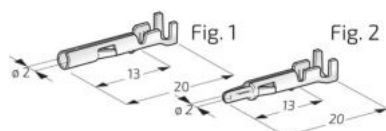
## "MATE-N-LOK" CONNECTORS

Delivered without terminals



Part number	⊞	♀	↕	📦
Packed in a small bag				
OS.26010	1	M	OS.26020	10
OS.26020	1	F	OS.26010	10
OS.26030	2	M	OS.26040	10
OS.26040	2	F	OS.26030	10
OS.26050	3	M	OS.26060	10
OS.26060	3	F	OS.26050	10
OS.26110	6	M	OS.26120	10
OS.26120	6	F	OS.26110	10
OS.26130	9	M	OS.26140	10
OS.26140	9	F	OS.26130	10
OS.26150	12	M	OS.26160	10
OS.26160	12	F	OS.26150	10
OS.26170	15	M	OS.26180	10
OS.26180	15	F	OS.26170	10

## TERMINALS FOR "MATE-N-LOK" CONNECTORS

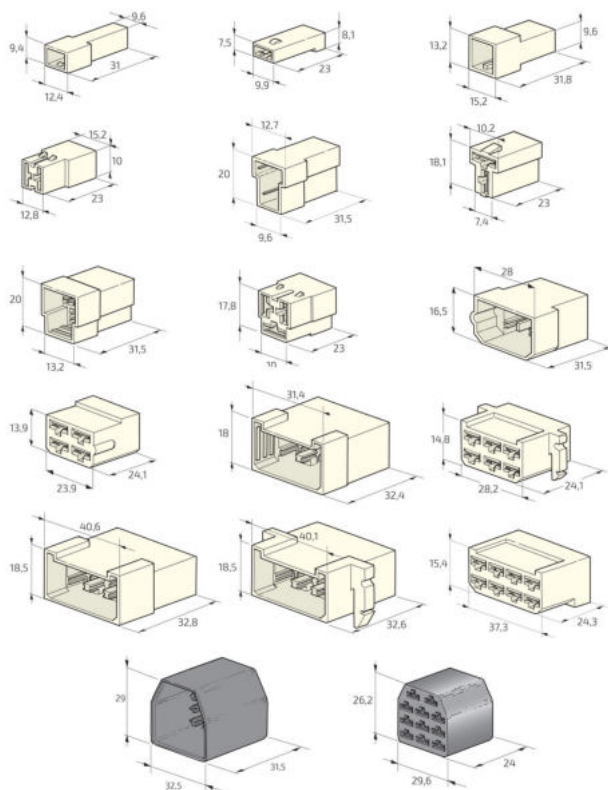


Part number	L	⊙	♀	Remarks	📷	📦
Packed in box						
OS.01200	dia. 2.0 mm	0.5 - 2.5 mm <sup>2</sup>	F	"MATE-N-LOCK"	1	200
OS.01210	dia. 2.0 mm	0.5 - 2.5 mm <sup>2</sup>	M	"MATE-N-LOCK"	2	200



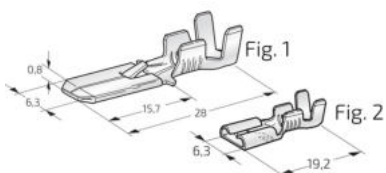
### UNIVERSAL AMP CONNECTORS

Delivered without terminals



Part number	⏏	♂	↕	📦
<b>Packed in a small bag</b>				
<b>OS.10160</b>	1	M	OS.10150	100
<b>OS.10150</b>	1	F	OS.10160	100
<b>OS.10180</b>	2	M	OS.10170	50
<b>OS.10170</b>	2	F	OS.10180	50
<b>OS.10200</b>	2	M	OS.10190	50
<b>OS.10190</b>	2	F	OS.10200	50
<b>OS.10220</b>	3	M	OS.10210	50
<b>OS.10210</b>	3	F	OS.10220	50
<b>OS.10240</b>	4	M	OS.10230	25
<b>OS.10230</b>	4	F	OS.10240	25
<b>OS.10260</b>	6	M	OS.10250	25
<b>OS.10250</b>	6	F	OS.10260	25
<b>OS.10280</b>	8	M	OS.10270	20
<b>OS.10270</b>	8	F	OS.10280	20
<b>OS.10290</b>	8	F	OS.10280	10
<b>OS.10296</b>	11	M	OS.10295	10
<b>OS.10295</b>	11	F	OS.10296	10

### TERMINALS FOR UNIVERSAL AMP CONNECTORS



Part number	L	⊙	♂	Remarks	📦	📦
<b>Packed in box</b>						
<b>OS.01660</b>	6.3 x 0.8 mm	1.0 - 2.5 mm <sup>2</sup>	M		1	100
<b>OS.01650</b>	6.3 x 0.35 mm	1.0 - 2.5 mm <sup>2</sup>	F		2	100

### DEUTSCH CONNECTORS




Part number	Description
<b>Packed in box</b>	
<b>OS.85101</b>	Kit of female Deutsch connector + 2 terminals
<b>OS.85106</b>	Female Deutsch connector, 6 ways + terminals



## CONNECTOR KITS

For flat terminals 6,3mm




Part number	Content	
<b>Packed in blister</b>		
<b>HF.001001</b>	Universal AMP connectors 1-way: 1x M + 1x F Flat terminals 1,0 to 2,5mm <sup>2</sup> : 1x M + 1x F	1
<b>HF.001002</b>	Universal AMP connectors 2-way: 1x M + 1x F Flat terminals 1,0 to 2,5mm <sup>2</sup> : 2x M + 2xF	1
<b>HF.001003</b>	Universal AMP connectors 2-way: 1x M + 1x F Flat terminals 1,0 to 2,5mm <sup>2</sup> : 3x M + 2xF	1
<b>HF.001004</b>	Universal AMP connectors 3-way: 1x M + 1x F Flat terminals 1,0 to 2,5mm <sup>2</sup> : 3x M + 3xF	1
<b>HF.001005</b>	Universal AMP connectors 4-way: 1x M + 1x F Flat terminals 1,0 to 2,5mm <sup>2</sup> : 4x M + 4xF	1
<b>HF.001006</b>	Universal AMP connectors 6-way: 1x M + 1x F Flat terminals 1,0 to 2,5mm <sup>2</sup> : 6x M + 6xF	1
<b>HF.001007</b>	Universal AMP connectors 8-way: 1x M + 1x F Flat terminals 1,0 to 2,5mm <sup>2</sup> : 8x M + 8xF	1

## WATERTIGHT CONNECTOR KITS

1,5mm




Part number	Content	
<b>Packed in blister</b>		
<b>HF.002001</b>	AMP Superseal connectors 1-way: 1x M + 1x F Terminals 1,0 to 1,5mm <sup>2</sup> : 1x M + 1x F 2x watertight seal	1
<b>HF.002002</b>	AMP Superseal connectors 2-way: 1x M + 1x F Terminals 1,0 to 1,5mm <sup>2</sup> : 2x M + 2x F 4x watertight seal	1
<b>HF.002003</b>	AMP Superseal connectors 3-way: 1x M + 1x F Terminals 1,0 to 1,5mm <sup>2</sup> : 3x M + 3x F 6x watertight seal	1
<b>HF.002004</b>	AMP Superseal connectors 4-way: 1x M + 1x F Terminals 1,0 to 1,5mm <sup>2</sup> : 4x M + 4x F 8x watertight seal	1
<b>HF.002005</b>	AMP Superseal connectors 5-way: 1x M + 1x F Terminals 1,0 to 1,5mm <sup>2</sup> : 5x M + 5x F 10x watertight seal	1
<b>HF.002006</b>	AMP Superseal connectors 6-way: 1x M + 1x F Terminals 1,0 to 1,5mm <sup>2</sup> : 6x M + 6x F 12x watertight seal	1

## AMP SUPERSEAL BOX

1,5mm - 460 connectors &amp; terminals






Part number	Content	
<b>Packed in case</b>		
<b>OS.55460</b>	Connectors (60): 1 way: 7x M, 7x F 2 ways: 6x M, 6x F 3 ways: 5x M, 5x F 4 ways: 4x M, 4x F 5 ways: 4x M, 4x F 5 ways: 4x M, 4x F 6 ways: 4x M, 4x F Terminals (200): 100x M, 100x F Safety fuses (200): 100x M, 100xF	1

ELECTRIC WIRE H05V-K / H07V-K CORE RING

For general use



Operating temperature: +5°C - +70°C  
 Max. temperature of short circuit: 160°C  
 Min. bending radius: 4x outer dia. (fixed)

Part number		Conductors	U <sub>0</sub> /U (V)	< HAR >	
<b>0.75 mm<sup>2</sup></b>					
LK.V075N.50		0.21 mm	300 / 500	H05V-K	50 m
LK.V075R.50		0.21 mm	300 / 500	H05V-K	50 m
<b>1.00 mm<sup>2</sup></b>					
LK.V100N.50		0.21 mm	300 / 500	H05V-K	50 m
LK.V100R.50		0.21 mm	300 / 500	H05V-K	50 m
LK.V100B.50		0.21 mm	300 / 500	H05V-K	50 m
LK.V100V.50		0.21 mm	300 / 500	H05V-K	50 m
LK.V100J.50		0.21 mm	300 / 500	H05V-K	50 m
LK.V100W.50		0.21 mm	300 / 500	H05V-K	50 m
LK.V100G.50		0.21 mm	300 / 500	H05V-K	50 m
LK.V100M.50		0.21 mm	300 / 500	H05V-K	50 m
<b>1.50 mm<sup>2</sup></b>					
LK.V150N.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V150R.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V150B.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V150V.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V150J.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V150W.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V150G.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V150M.50		0.26 mm	450 / 750	H07V-K	50 m
<b>2.50 mm<sup>2</sup></b>					
LK.V250N.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V250R.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V250B.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V250V.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V250J.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V250W.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V250G.50		0.26 mm	450 / 750	H07V-K	50 m
LK.V250M.50		0.26 mm	450 / 750	H07V-K	50 m
<b>4.00 mm<sup>2</sup></b>					
LK.V400N.50		0.31 mm	450 / 750	H07V-K	50 m
LK.V400R.50		0.31 mm	450 / 750	H07V-K	50 m
<b>6.00 mm<sup>2</sup></b>					
LK.V600N.50		0.31 mm	450 / 750	H07V-K	50 m
LK.V600R.50		0.31 mm	450 / 750	H07V-K	50 m

## ELECTRIC WIRE H05V-K / H07V-K ON SPOOL

For general use



Operating temperature: +5°C - +70°C  
 Max. temperature of short circuit: 160°C  
 Min. bending radius: 4x outer dia. (fixed)































Part number		Conductors	AC	DC	< HAR >	
<b>1.00 mm<sup>2</sup></b>						
LK.B100N.50		0.21 mm	50 V	75 V	H05V-K	50 m
LK.B100R.50		0.21 mm	50 V	75 V	H05V-K	50 m
LK.B100B.50		0.21 mm	50 V	75 V	H05V-K	50 m
LK.B100V.50		0.21 mm	50 V	75 V	H05V-K	50 m
LK.B100J.50		0.21 mm	50 V	75 V	H05V-K	50 m
LK.B100W.50		0.21 mm	50 V	75 V	H05V-K	50 m
LK.B100M.50		0.21 mm	50 V	75 V	H05V-K	50 m
<b>1.50 mm<sup>2</sup></b>						
LK.B150N.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B150R.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B150B.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B150V.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B150J.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B150W.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B150M.50		0.26 mm	50 V	75 V	H07V-K	50 m
<b>2.50 mm<sup>2</sup></b>						
LK.B250N.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B250R.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B250B.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B250V.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B250J.50		0.26 mm	50 V	75 V	H07V-K	50 m
LK.B250W.50		0.26 mm	50 V	75 V	H07V-K	50 m
<b>4.00 mm<sup>2</sup></b>						
LK.B400N.50		0.31 mm	50 V	75 V	H07V-K	50 m
LK.B400R.50		0.31 mm	50 V	75 V	H07V-K	50 m
<b>6.00 mm<sup>2</sup></b>						
LK.B600N.50		0.31 mm	50 V	75 V	H07V-K	50 m
LK.B600R.50		0.31 mm	50 V	75 V	H07V-K	50 m
<b>2x 0.50 mm<sup>2</sup></b>						
LK.BH2X050.50		0.21 mm	50 V	75 V	H07V-K	50 m
<b>2x 0.75 mm<sup>2</sup></b>						
LK.BH2X075.50		0.21 mm	50 V	75 V	H07V-K	50 m

**ELECTRIC WIRE H05V-K / H07V-K BOX-PACKED**

For general use



Operating temperature: +5°C - +70°C  
 Max. temperature of short circuit: 160°C  
 Min. bending radius: 4x outer dia. (fixed)
























Part number		Dia.Ext	Conductors	U <sub>0</sub> /U (V)	< HAR >	
<b>0.75 mm<sup>2</sup></b>						
LK.C075N.50		50	0.21 mm	300 / 500	H05V-K	50 m
LK.C075R.50		50	0.21 mm	300 / 500	H05V-K	50 m
<b>1.00 mm<sup>2</sup></b>						
LK.C100N.50		50	0.21 mm	300 / 500	H05V-K	50 m
LK.C100R.50		50	0.21 mm	300 / 500	H05V-K	50 m
LK.C100B.50		50	0.21 mm	300 / 500	H05V-K	50 m
LK.C100V.50		50	0.21 mm	300 / 500	H05V-K	50 m
LK.C100J.50		50	0.21 mm	300 / 500	H05V-K	50 m
LK.C100W.50		50	0.21 mm	300 / 500	H05V-K	50 m
LK.C100M.50		50	0.21 mm	300 / 500	H05V-K	50 m
LK.C100G.50		50	0.21 mm	300 / 500	H05V-K	50 m
<b>1.50 mm<sup>2</sup></b>						
LK.C150N.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C150R.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C150B.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C150V.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C150J.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C150W.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C150M.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C150G.50		50	0.26 mm	450 / 750	H07V-K	50 m
<b>2.50 mm<sup>2</sup></b>						
LK.C250N.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C250R.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C250B.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C250V.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C250J.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C250W.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C250M.50		50	0.26 mm	450 / 750	H07V-K	50 m
LK.C250G.50		50	0.26 mm	450 / 750	H07V-K	50 m
<b>4.00 mm<sup>2</sup></b>						
LK.C400N.50		50	0.31 mm	450 / 750	H07V-K	50 m
LK.C400R.50		50	0.31 mm	450 / 750	H07V-K	50 m
<b>6.00 mm<sup>2</sup></b>						
LK.C600N.50		50	0.31 mm	450 / 750	H07V-K	50 m
LK.C600R.50		50	0.31 mm	450 / 750	H07V-K	50 m

## ELECTRIC WIRE H05V-K / H07V-K BLISTER-PACKED

For general use



Operating temperature: +5°C - +70°C  
 Max. temperature of short circuit: 160°C  
 Min. bending radius: 4x outer dia. (fixed)

Part number		Dia.Ext	Conductors	U <sub>0</sub> /U (V)	< HAR >	
<b>1.00 mm<sup>2</sup></b>						
LK.A100N		10	0.21 mm	300 / 500	H05V-K	10 m
LK.A100R		10	0.21 mm	300 / 500	H05V-K	10 m
LK.A100B		10	0.21 mm	300 / 500	H05V-K	10 m
LK.A100V		10	0.21 mm	300 / 500	H05V-K	10 m
LK.A100J		10	0.21 mm	300 / 500	H05V-K	10 m
LK.A100W		10	0.21 mm	300 / 500	H05V-K	10 m
LK.A100M		10	0.21 mm	300 / 500	H05V-K	10 m
<b>1.50 mm<sup>2</sup></b>						
LK.A150N		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A150R		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A150B		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A150V		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A150J		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A150W		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A150G		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A150M		10	0.26 mm	450 / 750	H07V-K	10 m
<b>2.50 mm<sup>2</sup></b>						
LK.A250N		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A250R		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A250B		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A250V		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A250J		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A250W		10	0.26 mm	450 / 750	H07V-K	10 m
LK.A250M		10	0.26 mm	450 / 750	H07V-K	10 m

### MULTICORE CABLES A05VV-F ON CORE RING

Flexible cable

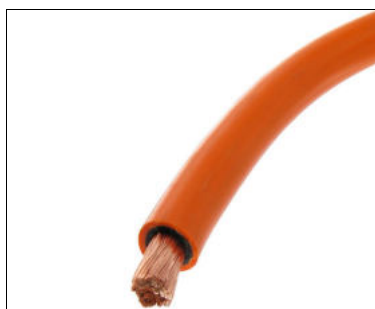


Operating temperature: +5°C - +60°C  
 Max. temperature of short circuit: 150°C  
 Min. bending radius: 4x outer dia. (mobile)  
 3x outer dia. (fixed)

Part number		Nb.Cond	Conductors	U <sub>0</sub> /U (V)	< HAR >	
0.50 mm <sup>2</sup>						
LK.P5X050.75		5	0.20 mm	300 / 500	A05VV-F	75 m
0.75 mm <sup>2</sup>						
LK.P2X075.50		2	0.20 mm	300 / 500	A05VV-F	50 m
LK.P3X075.50		3	0.20 mm	300 / 500	A05VV-F	50 m
LK.P5X075.50		5	0.20 mm	300 / 500	A05VV-F	50 m
LK.P6X075.50		6	0.20 mm	300 / 500	A05VV-F	50 m
LK.P7X075.75		7	0.20 mm	300 / 500	A05VV-F	75 m
1.00 mm <sup>2</sup>						
LK.P2X100.50		2	0.20 mm	300 / 500	A05VV-F	50 m
LK.P3X100.50		3	0.20 mm	300 / 500	A05VV-F	50 m
LK.P4X100.50		4	0.20 mm	300 / 500	A05VV-F	50 m
LK.P5X100.50		5	0.20 mm	300 / 500	A05VV-F	50 m
LK.P7X100.50		7	0.20 mm	300 / 500	A05VV-F	50 m
1.50 mm <sup>2</sup>						
LK.P2X150.50		2	0.30 mm	300 / 500	A05VV-F	50 m
LK.P3X150.50		3	0.30 mm	300 / 500	A05VV-F	50 m
LK.P4X150.50		4	0.30 mm	300 / 500	A05VV-F	50 m
LK.P5X150.50		5	0.30 mm	300 / 500	A05VV-F	50 m
LK.P7X150.50		7	0.30 mm	300 / 500	A05VV-F	50 m
2.50 mm <sup>2</sup>						
LK.P2X250.50		2	0.30 mm	300 / 500	A05VV-F	50 m
LK.P3X250.50		3	0.30 mm	300 / 500	A05VV-F	50 m
LK.P5X250.50		5	0.30 mm	300 / 500	A05VV-F	50 m
4.00 mm <sup>2</sup>						
LK.P2X400.50		2	0.30 mm	300 / 500	A05VV-F	50 m
6.00 mm <sup>2</sup>						
LK.P2X600.50		2	0.30 mm	300 / 500	A05VV-F	50 m

### WELDING / BATTERY CABLE

With double PVC insulation



Insulation: Polyvinylchloride  
 Working temperature: 70°C in ordinary environments & 50°C in fire-risk environments  
 Max. temperature in case of short circuit: 150°C  
 Min. installation temperature: +5°C

Part number		Dia.Ext	Conductors	U <sub>0</sub> /U (V)	< HAR >	
16.00 mm <sup>2</sup>						
LK.R16.25		11.00 mm	0.31 mm	450 / 750		25 m
25.00 mm <sup>2</sup>						
LK.R25.25		13.00 mm	0.31 mm	450 / 750		25 m
35.00 mm <sup>2</sup>						
LK.R35.25		15.00 mm	0.31 mm	450 / 750		25 m
50.00 mm <sup>2</sup>						
LK.R50.25		16.50 mm	0.31 mm	450 / 750		25 m
70.00 mm <sup>2</sup>						
LK.R70.25		18.00 mm	0.31 mm	450 / 750		25 m
95.00 mm <sup>2</sup>						
LK.R95.25		22.50 mm	0.31 mm	450 / 750		25 m
120.00 mm <sup>2</sup>						
LK.R120.25		24.00 mm	0.31 mm	450 / 750		25 m



## FLKK "FLAT" WIRING ON CORE RING

Double-insulated PVC



Part number	Conductors	U <sub>0</sub> /U (V)	< HAR >	
2x 1.50 mm <sup>2</sup>				
<b>LK.F2X150.50</b>	0.25 mm	300 / 500	FLKK	50 m

## WELDING / BATTERY CABLE ON CORE RING

PVC insulation - Extra-flexible "Simplex"



Insulation: Polyvinylchloride  
 Working temperature: 70°C in ordinary environments & 50°C in fire-risk environments  
 Max. temperature in case of short circuit: 160°C

Part number	Dia.Ext	Conductors	U <sub>0</sub> /U (V)	< HAR >	
10.00 mm <sup>2</sup>					
<b>LK.D10N.25</b>	6.70 mm	0.21 mm	450 / 750		25 m
<b>LK.D10R.25</b>	6.70 mm	0.21 mm	450 / 750		25 m
16.00 mm <sup>2</sup>					
<b>LK.D16N.25</b>	8.20 mm	0.31 mm	450 / 750		25 m
<b>LK.D16R.25</b>	8.20 mm	0.31 mm	450 / 750		25 m
25.00 mm <sup>2</sup>					
<b>LK.D25N.25</b>	10.20 mm	0.31 mm	450 / 750		25 m
<b>LK.D25R.25</b>	10.20 mm	0.31 mm	450 / 750		25 m
35.00 mm <sup>2</sup>					
<b>LK.D35N.25</b>	11.60 mm	0.31 mm	450 / 750		25 m
<b>LK.D35R.25</b>	11.60 mm	0.31 mm	450 / 750		25 m
50.00 mm <sup>2</sup>					
<b>LK.D50N.25</b>	13.60 mm	0.31 mm	450 / 750		25 m
<b>LK.D50R.25</b>	13.60 mm	0.31 mm	450 / 750		25 m
70.00 mm <sup>2</sup>					
<b>LK.D70N.25</b>	15.60 mm	0.31 mm	450 / 750		25 m
<b>LK.D70R.25</b>	15.60 mm	0.31 mm	450 / 750		25 m
95.00 mm <sup>2</sup>					
<b>LK.D95N.25</b>	18.20 mm	0.31 mm	450 / 750		25 m
<b>LK.D95R.25</b>	18.20 mm	0.31 mm	450 / 750		25 m

## CLABLE GLANDS

Nylon - With lock nut and washer - IP68



Part number	Description
Packed in a bag	
<b>PE.PG0007</b>	PG 07 - Max. 6.0mm
<b>PE.PG0009</b>	PG 09 - Max. 7.0mm
<b>PE.PG0011</b>	PG 11 - Max. 9.6mm
<b>PE.PG0013</b>	PG 13 - Max. 11.7mm
<b>PE.PG0016</b>	PG 16 - Max. 12.9mm

## BULKHEAD CONNECTOR (NYLON)

For 0,8 to 3,2mm bulkheads



Part number	Description
Packed in a bag	
PF.N00008	Dia. 7.9mm
PF.N00010	Dia. 9.5mm
PF.N00013	Dia. 13.0mm
PF.N00016	Dia. 15.9mm
PF.N00019	Dia. 18.9mm
PF.N00022	Dia. 22.0mm
PF.N00025	Dia. 25.1mm
Part number	Description
Packed in a bag	
PF.NC0008	Cover for PF.N00008
PF.NC0010	Cover for PF.N00010
PF.NC0013	Cover for PF.N00013
PF.NC0016	Cover for PF.N00016
PF.NC0019	Cover for PF.N00019
PF.NC0022	Cover for PF.N00022
PF.NC0025	Cover for PF.N00025

## BULKHEAD CONNECTOR (RUBBER)



Part number	Description
Packed in a bag	
PF.C00032	Dia. int. 3.2mm
PF.C00048	Dia. int. 4.8mm
PF.C00064	Dia. int. 6.4mm
PF.C00080	Dia. int. 8.0mm
PF.C00095	Dia. int. 9.5mm
PF.C00130	Dia. int. 13.0mm
PF.C00160	Dia. int. 16.0mm
PF.C00190	Dia. int. 19.0mm

## ADHESIVE CLIPS

Aluminium



Part number	Description
Packed in a bag	
OR.SC1	Dia Max. 6mm
OR.SC2	Dia Max. 10mm
OR.SC5	Dia Max. 6mm - Cable Max.: 2,5mm <sup>2</sup> Economical model
OR.SC6	Dia Max. 10mm - Cable Max.: 4mm <sup>2</sup> Economical model

## ADJUSTABLE ADHESIVE CLIPS

Nylon



Part number	Description
Packed in a bag	
OR.AP08	Dia. Max.: 10,3mm
OR.AP10	Dia. Max.: 12,5mm
OR.AP12	Dia. Max.: 15,4mm

TERMINAL STRIPS

PP black - Max. 85°C - CE



Part number	Description
Packed in box	
DR.1102	Section 1.5mm <sup>2</sup>
DR.1122	Section 2.5mm <sup>2</sup>
DR.1142	Section 6.0mm <sup>2</sup>
DR.1152	Section 10.0/16.0mm <sup>2</sup>
Packed in blister	
HF.001102	2x DR.1102
HF.001122	2x DR.1122

SREW TERMINAL STRIPS

30A - Max. 600V - 215°C



Part number	Description
Packed in a bag	
DR.3004	4 terminals
DR.3006	6 terminals
DR.3008	8 terminals

SREW DISTRIBUTION STRIPS

Brass



Part number	Description
Bulk	
DR.1005	5 screws 4mm + 2 terminals M5 Max. 100A Dim.: 15x75x2mm
DR.5010	10 screws 4mm + 2 terminals M6 Max. 150A Dim.: 19x120x2,4mm
DR.4001	4 screws 6mm Max. 100A Dim.: 15x75x2mm
DR.4002	4 vis 6mm Max. 150A Dim.: 19x120x2,4mm
Part number	Description
Bulk	
DR.1005C	ABS busbar cover (short model)
DR.5010C	ABS busbar cover (long model)
DR.5010PC	Transparent PC busbar cover (long model)

WATERTIGHT BYPASS BOX










Part number	Description
Bulk	
MR.440019	Watertight housing 6 connections

## SPIRAL CABLE SLEEVE

PE



Usage temperature: -20°C - +50°C






Part number		Dia.Int	Dia.Ext	Step	Capacity	
Packed in a bag						
<b>MW.04</b>		4.8 mm	6 mm	8.5 mm	4.0 - 50mm	10 m
<b>MW.06</b>		6.6 mm	8 mm	13 mm	6.0 - 60mm	10 m
<b>MW.06W</b>		6.6 mm	8 mm	13 mm	6.0 - 60mm	10 m
<b>MW.08</b>		8.4 mm	10 mm	13 mm	7.5 - 60mm	10 m
<b>MW.09</b>		10.3 mm	12 mm	15 mm	9.0 - 65mm	10 m
<b>MW.12</b>		13 mm	15 mm	17 mm	12.0 - 70mm	10 m

## QUICK CABLE SLEEVE

PE



Usage temperature: -20°C - +50°C

Part number		Dia.Nom	Step	Capacity	Thickness	
Packed in a bag						
<b>MQ.10</b>		8 mm	10 mm	Max. 10mm	8 mm	5 m
<b>MQ.16</b>		15 mm	14 mm	Max. 16mm	15 mm	5 m
<b>MQ.23</b>		20 mm	17 mm	Max. 23mm	20 mm	5 m
<b>MQ.29</b>		25 mm	20 mm	Max. 29mm	25 mm	5 m













Part number	Description
Packed in a bag	
<b>MQ.10C</b>	Wire-guide for MQ.10
<b>MQ.16C</b>	Wire-guide for MQ.16
<b>MQ.23C</b>	Wire-guide for MQ.23
<b>MQ.29C</b>	Wire-guide for MQ.29

## FLEXIBLE CABLE TUBING

DIN 40621 - PVC



Usage temperature: -40°C - +125°C











Part number		Dia.Int	Dia.Ext	Thickness	
Packed in a bag					
<b>MB.004</b>		4 mm	5.0 mm	0.50 mm	100 m
<b>MB.005</b>		5 mm	6.2 mm	0.60 mm	100 m
<b>MB.006</b>		6 mm	7.2 mm	0.60 mm	100 m
<b>MB.007</b>		7 mm	8.4 mm	0.70 mm	100 m
<b>MB.008</b>		8 mm	9.4 mm	0.70 mm	100 m
<b>MB.010</b>		10 mm	11.4 mm	0.70 mm	100 m
<b>MB.012</b>		12 mm	13.6 mm	0.80 mm	100 m
<b>MB.014</b>		14 mm	16.0 mm	1.00 mm	50 m
<b>MB.016</b>		16 mm	18.0 mm	1.00 mm	50 m
<b>MB.018</b>		18 mm	20.0 mm	1.00 mm	50 m
<b>MB.020</b>		20 mm	22.4 mm	1.20 mm	50 m

## CURRUGATED LOOM TUBING

PA 6 - Iveco-Fiat 11-8223 Standard



Max. 120°C













Part number		Dia.Int	Dia.Ext	Step	
Packed in a bag					
ME.204		4.40 mm	7.40 mm	2.00 mm	100 m
ME.207		6.60 mm	10.00 mm	2.75 mm	100 m
ME.209		8.40 mm	11.70 mm	2.30 mm	50 m
ME.210		9.90 mm	13.00 mm	2.55 mm	50 m
ME.212		12.70 mm	15.80 mm	3.00 mm	50 m
ME.217		16.60 mm	21.20 mm	2.90 mm	50 m
ME.222		21.30 mm	25.40 mm	2.90 mm	50 m
ME.226		25.80 mm	31.20 mm	2.90 mm	25 m
ME.229		29.00 mm	34.50 mm	4.15 mm	25 m

## SPLIT CORRUGATED LOOM TUBING

PP - Fiat auto 91223 Standard



Max. 135°C












Part number		Dia.Int	Dia.Ext	Step	
Packed in a bag					
ME.104		4.50 mm	7.30 mm	2.00 mm	100 m
ME.106		6.00 mm	9.55 mm	2.80 mm	50 m
ME.108		9.00 mm	13.35 mm	3.20 mm	50 m
ME.110		11.00 mm	16.40 mm	3.20 mm	50 m
ME.113		13.00 mm	18.50 mm	3.20 mm	50 m
ME.117		16.00 mm	21.20 mm	3.50 mm	50 m
ME.119		19.00 mm	24.10 mm	4.00 mm	50 m
ME.119.12		19.00 mm	24.10 mm	4.00 mm	1.2 m
ME.122		23.00 mm	28.70 mm	4.80 mm	50 m
ME.126		26.00 mm	31.70 mm	4.80 mm	50 m
ME.129		29.00 mm	35.90 mm	5.10 mm	50 m

## SELF-EXTINGUISHING SPLIT CORRUGATED LOOM TUBING

PP - Fiat auto 91223 Standard



Max. 135°C

Part number		Dia.Int	Dia.Ext	Step	
Packed in a bag					
ME.004		4.50 mm	7.30 mm	2.00 mm	100 m
ME.006		6.00 mm	9.55 mm	2.80 mm	100 m
ME.008		9.00 mm	13.35 mm	3.20 mm	50 m
ME.010		11.00 mm	16.40 mm	3.20 mm	50 m
ME.013		13.00 mm	18.50 mm	3.20 mm	50 m
ME.017		16.00 mm	21.20 mm	3.50 mm	50 m
ME.019		19.00 mm	24.10 mm	4.00 mm	50 m
ME.022		23.00 mm	28.70 mm	4.80 mm	50 m
ME.026		26.00 mm	31.70 mm	4.80 mm	50 m
ME.029		29.00 mm	35.90 mm	5.10 mm	50 m

### SLEEVE ATTACHMENTS - PLASTIC

Width: 12,7mm - Hole: 5,1mm



Part number	Description
Packed in a bag	
HC.P00003	Dia. Max. 2.9mm
HC.P00006	Dia. Max. 5.9mm
HC.P00009	Dia. Max. 9.1mm
HC.P00012	Dia. Max. 12.2mm
HC.P00014	Dia. Max. 13.8mm
HC.P00019	Dia. Max. 18.6mm
HC.P00022	Dia. Max. 22.2mm

### SLEEVE ATTACHMENTS WITH RUBBER PROTECTION

Galvanized steel - Width: 12,7mm - Hole: 5,0mm



Part number	Description
Packed in a bag	
HC.000006	Dia. Max. 6.3mm
HC.000010	Dia. Max. 9.5mm
HC.000013	Dia. Max. 12.7mm
HC.000016	Dia. Max. 14.2mm
HC.000019	Dia. Max. 19.0mm
HC.000022	Dia. Max. 22.2mm
HC.000025	Dia. Max. 25.4mm

### BRAIDED STRETCHABLE SLEEVE - BSPET

PET



Part number	Dia.Nom	Dia.Int	Dia.Ext	
Packed in a bag				
MT.0032	3.2 mm	2.37 mm	6.35 mm	10 m
MT.0064	6.4 mm	3.17 mm	9.53 mm	10 m
MT.0095	9.5 mm	4.76 mm	15.88 mm	10 m
MT.0127	12.7 mm	6.35 mm	19.05 mm	10 m
MT.0190	19.0 mm	12.70 mm	31.75 mm	10 m
Packed in blister				
MT.B0032	3.2 mm	2.37 mm	6.35 mm	2 m
MT.B0064	6.4 mm	3.17 mm	9.53 mm	2 m
MT.B0095	9.5 mm	4.76 mm	15.88 mm	2 m
MT.B0127	12.7 mm	6.35 mm	19.05 mm	2 m
MT.B0190	19.0 mm	12.70 mm	31.75 mm	2 m

Service temperature: -40°C - +125°C  
 Delayed combustion  
 Anti-UV




## SELF-EXTINGUISHING BRAIDED STRETCHABLE SLEEVE - BSPET

PET - UL E304566



Service temperature: -40°C - +125°C  
Delayed combustion  
Anti-UV
































Part number	Dia.Nom	Dia.Int	Dia.Ext	
Packed in a bag				
<b>MT.1032</b>	3.2 mm	2.37 mm	6.35 mm	10 m
<b>MT.1064</b>	6.4 mm	3.17 mm	9.53 mm	10 m
<b>MT.1095</b>	9.5 mm	4.76 mm	15.88 mm	10 m
<b>MT.1127</b>	12.7 mm	6.35 mm	19.05 mm	10 m
<b>MT.1190</b>	19.0 mm	12.70 mm	31.75 mm	10 m

## HEAT SHRINK SLEEVE 2:1 - TYPE G5

UL 224 - Polyolefin



Shrinkage temperature: >70°C  
Service temperature: -55°C - +125°C  
Delayed combustion  
Other colors available upon request









Part number		inch	Dia.A	Dia.B	Thickness	
Packed in a small bag						
<b>MA.024N</b>		3/32	2.4 mm	1.20 mm	0.44 mm	5x 1.20m
<b>MA.024R</b>		3/32	2.4 mm	1.20 mm	0.44 mm	5x 1.20m
<b>MA.032N</b>		1/8	3.2 mm	1.60 mm	0.44 mm	5x 1.20m
<b>MA.032R</b>		1/8	3.2 mm	1.60 mm	0.44 mm	5x 1.20m
<b>MA.048N</b>		3/16	4.8 mm	2.40 mm	0.56 mm	5x 1.20m
<b>MA.048R</b>		3/16	4.8 mm	2.40 mm	0.56 mm	5x 1.20m
<b>MA.064N</b>		1/4	6.4 mm	3.20 mm	0.56 mm	5x 1.20m
<b>MA.064R</b>		1/4	6.4 mm	3.20 mm	0.56 mm	5x 1.20m
<b>MA.095N</b>		3/8	9.5 mm	4.75 mm	0.56 mm	5x 1.20m
<b>MA.095R</b>		3/8	9.5 mm	4.75 mm	0.56 mm	5x 1.20m
<b>MA.127N</b>		1/2	12.7 mm	6.35 mm	0.69 mm	5x 1.20m
<b>MA.127R</b>		1/2	12.7 mm	6.35 mm	0.69 mm	5x 1.20m
<b>MA.190N</b>		3/4	19.1 mm	9.55 mm	0.77 mm	5x 1.20m
<b>MA.190R</b>		3/4	19.1 mm	9.55 mm	0.77 mm	5x 1.20m
<b>MA.254N</b>		1	25.4 mm	12.70 mm	0.87 mm	5x 1.20m
<b>MA.254W</b>		1	25.4 mm	12.70 mm	0.87 mm	5x 1.20m
Packed in box						
<b>MA.032BOX</b>		1/8	3.2 mm	1.60 mm	0.44 mm	10 m
<b>MA.048BOX</b>		3/16	4.8 mm	2.40 mm	0.56 mm	10 m
<b>MA.064BOX</b>		1/4	6.4 mm	3.20 mm	0.56 mm	10 m
<b>MA.095BOX</b>		3/8	9.5 mm	4.75 mm	0.56 mm	10 m
<b>MA.127BOX</b>		1/2	12.7 mm	6.35 mm	0.69 mm	8 m
<b>MA.190BOX</b>		3/4	19.1 mm	9.55 mm	0.77 mm	7 m
<b>MA.254BOX</b>		1	25.4 mm	12.70 mm	0.87 mm	5 m
Packed in blister						
<b>MA.B024</b>		3/32	2.4 mm	1.20 mm	0.44 mm	2 m
<b>MA.B032</b>		1/8	3.2 mm	1.60 mm	0.44 mm	2 m
<b>MA.B048</b>		3/16	4.8 mm	2.40 mm	0.56 mm	2 m
<b>MA.B064</b>		1/4	6.4 mm	3.20 mm	0.56 mm	2 m
<b>MA.B095</b>		3/8	9.5 mm	4.75 mm	0.56 mm	2 m
<b>MA.B127</b>		1/2	12.7 mm	6.35 mm	0.69 mm	2 m
<b>MA.B190</b>		3/4	19.1 mm	9.55 mm	0.77 mm	2 m

## HEAT SHRINK SLEEVE 2:1 - TYPE G5

Sleeves, 5cm - UL224 - Polyolefine



Shrinkage temperature: >70°C  
 Service temperature: -55°C - +125°C  
 Delayed combustion  
 Other colors available upon request


Part number		inch	Dia.A	Dia.B	Thickness	
Packed in a bag						
MA.M024N		3/32	2.4 mm	1.20 mm	0.44 mm	500
MA.M032N		1/8	3.2 mm	1.60 mm	0.44 mm	500
MA.M048N		3/16	4.8 mm	2.40 mm	0.56 mm	500
MA.M064N		1/4	6.4 mm	3.20 mm	0.56 mm	500
MA.M095N		3/8	9.5 mm	4.75 mm	0.56 mm	500
MA.M127N		1/2	12.7 mm	6.35 mm	0.69 mm	500
MA.M190N		3/4	19.1 mm	9.55 mm	0.77 mm	500

## HEAT SHRINK SLEEVE 2:1 - 5CM PIPE SOCKETS BLISTERPACKED

Sleeves, 5cm - UL224 - Polyolefine



Shrinkage temperature: >70°C  
 Service temperature: -55°C - +125°C  
 Delayed combustion  
 Other colors available upon request


Part number		Content	
Packed in blister			
HF.000032		Black pipe sockets 5cm: 12x 3.20mm	1
HF.000048		Black pipe sockets 5cm: 12x 4.80mm	1
HF.000064		Black pipe sockets 5cm: 12x 6.40mm	1
HF.000095		Black pipe sockets 5cm: 12x 9.50mm	1
HF.000127		Black pipe sockets 5cm: 12x 12.70mm	1
HF.000190		Black pipe sockets 5cm: 12x 19.00mm	1
HF.000250		Black pipe sockets 5cm: 2x 3.20mm, 4x 4.80mm, 2x 6.40mm, 2x 9.50mm, 1x 12.70mm, 1x 19.00mm	1

## HEAT SHRINK SLEEVE 2:1 - TYPE G5

Kit 5 colors: Green, red, yellow, blue & transparent - UL224 - Polyolefine



Shrinkage temperature: >70°C  
 Service temperature: -55°C - +125°C  
 Delayed combustion  
 1 bar of 1.20m for each color

Part number		inch	Dia.A	Dia.B	Thickness	
Packed in a small bag						
MA.032KIT		1/8	3.2 mm	1.60 mm	0.44 mm	5x 1.20m
MA.048KIT		3/16	4.8 mm	2.40 mm	0.56 mm	5x 1.20m
MA.064KIT		1/4	6.4 mm	3.20 mm	0.56 mm	5x 1.20m
MA.095KIT		3/8	9.5 mm	4.75 mm	0.69 mm	5x 1.20m
MA.127KIT		1/2	12.7 mm	6.35 mm	0.77 mm	5x 1.20m
MA.190KIT		3/4	19.1 mm	9.55 mm	0.77 mm	5x 1.20m

## HEAT SHRINK SLEEVE 2:1 - TYPE G5

Kit with 8x 1.20m (black) - UL224 - Polyolefine



Shrinkage temperature: >70°C  
 Service temperature: -55°C - +125°C  
 Delayed combustion

Part number	Content	
Packed in a small bag		
MA.X8KIT	8 bars van 1.20m: 2x 4.8mm - 2.40mm 2x 6.4mm - 3.20mm 2x 9.5mm - 4.75mm 2x 12.7mm - 6.35mm	1

## HEAT SHRINK RIBBON 2:1 - TYPE HPVC

UL224 - Polyolefine



Shrinkage temperature: >50°C  
 Service temperature: up to +105°C  
 Delayed combustion

Part number	Thickness	
Packed in a bag		
MA.R020N	0.07 mm	100 m
MA.R020R	0.07 mm	100 m

## HEAT SHRINK SLEEVE 3:1 - TYPE G5-3X

UL224 - Polyolefine



Shrinkage temperature: >70°C  
 Service temperature: -55°C - +125°C  
 Delayed combustion  
 Other colors available upon request

Part number	inch	Dia.A	Dia.B	Thickness	
Packed in a small bag					
MA.W030	1/8	3.00 mm	1.00 mm	0.55 mm	5x 1.20m
MA.W045	3/16	4.80 mm	1.50 mm	0.60 mm	5x 1.20m
MA.W060	1/4	6.40 mm	2.00 mm	0.65 mm	5x 1.20m
MA.W090	3/8	9.50 mm	3.00 mm	0.75 mm	5x 1.20m
MA.W120	1/2	12.70 mm	4.00 mm	0.80 mm	5x 1.20m

## HEAT SHRINK SLEEVE 3:1 - TYPE AIS-3X

With glue - UL224 - Polyolefine



Shrinkage temperature: >80°C  
 Service temperature: -45°C - +110°C  
 Delayed combustion  
 Other colors available upon request

Part number	inch	Dia.A	Dia.B	Thickness	
Packed in a small bag					
MA.D030	1/8	3.00 mm	1.00 mm	1.00 mm	5x 1.20m
MA.D048	3/16	4.80 mm	1.60 mm	1.00 mm	5x 1.20m
MA.D060	1/4	6.00 mm	2.00 mm	1.00 mm	5x 1.20m
MA.D090	3/8	9.00 mm	3.00 mm	1.40 mm	5x 1.20m
MA.D120	1/2	12.00 mm	4.00 mm	1.78 mm	5x 1.20m
MA.D240	1	25.00 mm	8.00 mm	2.54 mm	5x 1.20m

**BOXES OF HEAT SHRINK SLEEVES 2:1 - TYPE G5**

UL224 - Polyolefine




Shrinkage temperature: >70°C  
 Service temperature: -55°C - +125°C  
 Delayed combustion

Part number	Content	
<b>Packed in case</b>		
<b>MA.799</b>	Butts (127): 12,7x100mm: 2 black, 1 transparent, 1 white, 1 yellow, 1 red, 1 blue, 1 green 9,5x70mm: 2 black, 1 transparent, 1 white, 1 yellow, 1 red, 1 blue, 1 green 6,4x70mm: 4 black, 2 transparent, 2 white, 2 yellow, 2 red, 2 blue, 2 green 4,8x35mm: 4 black, 3 transparent, 3 white, 3 yellow, 3 red, 3 blue, 3 green 3,2x35mm: 3 black, 3 transparent, 3 white, 3 yellow, 3 red, 3 blue, 3 green 2,4x35mm: 4 black, 4 transparent, 4 white, 4 yellow, 4 red, 4 blue, 4 green 1,5x35mm: 4 black, 4 transparent, 4 white, 4 yellow, 4 red, 4 blue, 4 green	1
<b>MA.599</b>	Butts (160): 1,2x100mm: 60 black 2,4x100mm: 35 black 3,2x100mm: 25 black 4,8x100mm: 20 black 6,4x100mm: 10 black 9,5x100mm: 10 black	1
<b>MA.699</b>	Butts (160): 1,2x100mm: 10 green, 10 red, 10 yellow, 10 blue, 10 transparent, 10 white 2,4x100mm: 6 green, 6 red, 5 yellow, 6 blue, 6 transparent, 5 white 3,2x100mm: 4 green, 4 red, 4 yellow, 4 blue, 5 transparent, 4 white 4,8x100mm: 3 green, 4 red, 3 yellow, 3 blue, 4 transparent, 3 white 6,4x100mm: 1 green, 2 red, 2 yellow, 2 blue, 2 transparent, 1 white 9,5x100mm: 1 green, 2 red, 2 yellow, 2 blue, 2 transparent, 1 white	1

## NYLON CABLE TIES PA6.6

Simple tightening












Part number		Ø MAX		Remarks	
Packed in a bag					
<b>MV.25075N</b>		2.5 x 75mm	16 mm	11 daN	100
<b>MV.25100N</b>		2.5 x 100mm	24 mm	11 daN	100
<b>MV.25100W</b>		2.5 x 100mm	24 mm	11 daN	100
<b>MV.25135N</b>		2.5 x 135mm	35 mm	11 daN	100
<b>MV.25160N</b>		2.5 x 160mm	40 mm	11 daN	100
<b>MV.25200N</b>		2.5 x 200mm	55 mm	11 daN	100
<b>MV.35140N</b>		3.5 x 140mm	36 mm	20 daN	100
<b>MV.35140W</b>		3.5 x 140mm	36 mm	20 daN	100
<b>MV.35200N</b>		3.5 x 200mm	55 mm	20 daN	100
<b>MV.35200W</b>		3.5 x 200mm	55 mm	20 daN	100
<b>MV.35280N</b>		3.5 x 280mm	80 mm	20 daN	100
<b>MV.35360N</b>		3.5 x 360mm	103 mm	20 daN	100
<b>MV.45140N</b>		4.5 x 140mm	33 mm	20 daN	100
<b>MV.45160N</b>		4.5 x 160mm	38 mm	28 daN	100
<b>MV.45200N</b>		4.5 x 200mm	51 mm	28 daN	100
<b>MV.45250N</b>		4.5 x 250mm	68 mm	28 daN	100
<b>MV.45280N</b>		4.5 x 280mm	76 mm	28 daN	100
<b>MV.45360N</b>		4.5 x 360mm	101 mm	28 daN	100
<b>MV.45360W</b>		4.5 x 360mm	101 mm	28 daN	100
<b>MV.45380N</b>		4.5 x 380mm	110 mm	28 daN	100
<b>MV.45430N</b>		4.5 x 430mm	123 mm	28 daN	100
<b>MV.75180N</b>		7.5 x 180mm	44 mm	65 daN	100
<b>MV.75200N</b>		7.5 x 200mm	48 mm	65 daN	100
<b>MV.75240N</b>		7.5 x 240mm	62 mm	65 daN	100
<b>MV.75280N</b>		7.5 x 280mm	76 mm	65 daN	100
<b>MV.75320N</b>		7.5 x 320mm	88 mm	65 daN	100
<b>MV.75360N</b>		7.5 x 360mm	101 mm	65 daN	100
<b>MV.75450N</b>		7.5 x 450mm	130 mm	65 daN	100
<b>MV.90430N</b>		9.0 x 430mm	118 mm	80 daN	100
<b>MV.90550N</b>		9.0 x 550mm	160 mm	80 daN	100
<b>MV.90780N</b>		9.0 x 780mm	235 mm	80 daN	50
<b>MV.130230N</b>		13.0 x 230mm	50 mm	114 daN	50
<b>MV.130280N</b>		13.0 x 280mm	70 mm	114 daN	50
<b>MV.130380N</b>		13.0 x 380mm	102 mm	114 daN	50
<b>MV.130480N</b>		13.0 x 480mm	120 mm	114 daN	50

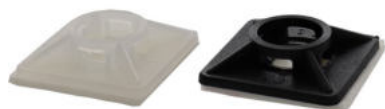
## NYLON CABLE TIES PA6.12


Reinforced



Part number		Ø MAX		Remarks	
Packed in a bag					
<b>MV.60115HD</b>		6.0 x 115mm	22mm	35 daN Single head	100
<b>MV.90115HD</b>		9.0 x 115mm	22 mm	35 daN Single head	100
<b>MV.90180HD</b>		9.0 x 180mm	45 mm	35 daN Single head	100
<b>MV.90265HD</b>		9.0 x 265mm	70 mm	45 daN Double head	100
<b>MV.90360HD</b>		9.0 x 360mm	95 mm	45 daN Double head	100
<b>MV.90500HD</b>		9.0 x 500mm	140 mm	45 daN Double head	100


BASE-PLATES NYLON PA.66



Part number		Ø MAX		Remarks	
Packed in a bag					
<b>MV.600019N</b>		19x19mm	4 mm	10 daN	100
<b>MV.600019W</b>		19x19mm	4 mm	10 daN	100
<b>MV.600028N</b>		29x29mm	6 mm	16 daN	100
<b>MV.600028W</b>		29x29mm	6 mm	16 daN	100


CABLE TIES KIT (450 PCS)



Part number	Content	
Packed in case		
<b>MV.00450</b>	Cable ties (450): 100x2,5mm: 50x white, 50x black, 50x red, 50x yellow, 50x green, 50x blue 150x3,6mm: 25x white, 25x black, 25x red, 25x blue 200x4,8mm: 25x white, 25x black	1

CABLE TIES KIT (1000 PCS)



Part number	Content	
Packed in case		
<b>MV.01000</b>	Cable ties (1000): 100x2,5mm: 200x white, 100x red, 100x blue, 100x green, 100x yellow 200x4,8mm: 350x white 280x4,8mm: 50x white	1



## CABLE TIES DIN 3017

Stainless steel AISI430 - SW7 screw with screwdriver slot - Width 9mm



Part number	Description
<b>Packed in a bag</b>	
<b>HC.090711</b>	Min. 7mm - Max. 11mm (screw 4.8mm)
<b>HC.090812</b>	Min. 8mm - Max. 12mm
<b>HC.091016</b>	Min. 10mm - Max. 16mm
<b>HC.091220</b>	Min. 12mm - Max. 20mm
<b>HC.091625</b>	Min. 16mm - Max. 25mm
<b>HC.092032</b>	Min. 20mm - Max. 32mm
<b>HC.092540</b>	Min. 25mm - Max. 40mm
<b>HC.093250</b>	Min. 32mm - Max. 50mm
<b>HC.094060</b>	Min. 40mm - Max. 60mm
<b>HC.095070</b>	Min. 50mm - Max. 70mm
<b>HC.096080</b>	Min. 60mm - Max. 80mm
<b>HC.097090</b>	Min. 70mm - Max. 90mm
<b>Packed in blister</b>	
<b>HF.990711</b>	10x HC.090711
<b>HF.990812</b>	10x HC.090812
<b>HF.991016</b>	10x HC.091016
<b>HF.991220</b>	10x HC.091220
<b>HF.991625</b>	10x HC.091625
<b>HF.992032</b>	10x HC.092032
<b>HF.992540</b>	5x HC.092540
<b>HF.993250</b>	5x HC.093250
<b>HF.994060</b>	5x HC.094060
<b>HF.995070</b>	2x HC.095070
<b>HF.990010</b>	10 mixed collars (from 71/11mm to 50/70mm)
<b>Packed in a mini-display</b>	
<b>HC.DISPLAY</b>	Display 110pcs 10x 8-12mm, 10x 10-16mm, 10x 12-20mm 10x 16-25mm, 10x 20-32mm, 10x 25-40mm 10x 30-45mm, 10x 32-50mm, 10x 40-60mm 10x 50-70mm, 10x 60-80mm
<b>Packed in case</b>	
<b>HC.KIT</b>	Kit with 100pcs 10x 8-12mm, 10x 10-16mm, 15x 12-20mm, 15x 16-25mm, 15x 20-32mm, 15x 25-40mm, 10x 32-50mm, 5x 40-60mm, 5x 50-70mm
Part number	Description
<b>Packed in blister</b>	
<b>HC.SW007</b>	Flexible hexagonal screwdriver DIN 3017

### CRIMPING PLIERS



Part number	Description
Packed in box	
<b>EI.K047</b>	Crimping pliers for tubular terminals 10 to 120mm <sup>2</sup>
Packed in blister	
<b>EI.K038</b>	Crimping pliers for non-insulated terminals 0,50 to 6,00mm <sup>2</sup> With power mechanism
<b>EI.K036</b>	Crimping pliers for insulated terminals 0,50 to 6,00mm <sup>2</sup> With power mechanism
<b>EI.K033</b>	Professional crimping pliers for insulated terminals 0,50 to 6,00mm <sup>2</sup> With wire stripping comb
<b>EI.K034</b>	Crimping pliers for insulated terminals 0,50 to 6,00mm <sup>2</sup> With wire stripping comb

### CRIMPING KIT

7 pieces



Part number	Description
Packed in case	
<b>EI.3007</b>	1 wire stripper 1 head screwdriver 1 crimping plier with interchangeable jaws: insulated terminals (0,50-6,00mm <sup>2</sup> ), uninsulated terminals (0,50-6,00mm <sup>2</sup> ), tubular terminals (1,50-10,00mm <sup>2</sup> ), tubular terminals (10,00-25,00mm <sup>2</sup> ), bits (0,50-4,00mm <sup>2</sup> )

### STRIPPING CLAMP



Part number	Description
Bulk	
<b>EI.2756</b>	For cables 0,50 to 6,00mm <sup>2</sup> With cable cutter (max 6,00mm <sup>2</sup> )

### WELDING FLASHLIGHT



Part number	Description
Bulk	
<b>EI.3103</b>	Multi-function kit including: - Hot-air head - Welded head - Double precision point - Point 2,4mm - Heated blade

### WELDING



Part number	Description
Bulk	
<b>EI.3211</b>	Welding dia.: 2mm - 40% tin, 250g
<b>EI.3212</b>	Welding dia.: 2mm - 40% tin, 500g

## DOUBLE-SIDED ADHESIVE TAPE








Part number	Description
Packed in a small bag	
CK.850	Double-face ribbon 12mm
CK.851	Double-face ribbon 15mm
CK.852	Double-face ribbon 19mm
CK.853	Double-face ribbon 25mm

## PVC ADHESIVE TAPE

Thickness: 0,19mm



Part number	Description
Packed in a bag	
CK.751N	 Width: 19mm Length: 10m
CK.751R	 Width: 19mm Length: 10m
CK.751G	 Width: 19mm Length: 10m
CK.751M	 Width: 19mm Length: 10m
CK.800N	 Width: 50mm Length: 10m
CK.751Z	Color selection 10pcs Width: 19mm Length: 10m
Packed in blister	
HF.900752	1x CK.751N + Ax CK.751R

<b>C</b>		<b>H</b>		<b>H</b>		<b>L</b>		<b>L</b>	
CK.751G	48	HF.001002	28	HF.012541T	17	LK.B100V.50	30	LK.P5X050.75	33
CK.751M	48	HF.001003	28	HF.012542	11	LK.B100W.50	30	LK.P5X075.50	33
CK.751N	48	HF.001004	28	HF.012542T	17	LK.B150B.50	30	LK.P5X100.50	33
CK.751R	48	HF.001005	28	HF.012543	11	LK.B150J.50	30	LK.P5X150.50	33
CK.751Z	48	HF.001006	28	HF.012543T	17	LK.B150M.50	30	LK.P5X250.50	33
CK.800N	48	HF.001007	28	HF.012740T	17	LK.B150N.50	30	LK.P6X075.50	33
CK.850	48	HF.001102	36	HF.012742	11	LK.B150R.50	30	LK.P7X075.75	33
CK.851	48	HF.001122	36	HF.012840T	17	LK.B150V.50	30	LK.P7X100.50	33
CK.852	48	HF.002001	28	HF.015494	12	LK.B150W.50	30	LK.P7X150.50	33
CK.853	48	HF.002002	28	HF.015494T	18	LK.B250B.50	30	LK.R120.25	33
		HF.002003	28	HF.015495	12	LK.B250J.50	30	LK.R16.25	33
<b>D</b>		HF.002004	28	HF.015495T	18	LK.B250N.50	30	LK.R25.25	33
DR.1005	36	HF.002005	28	HF.015504	11	LK.B250R.50	30	LK.R35.25	33
DR.1005C	36	HF.002006	28	HF.015504T	18	LK.B250V.50	30	LK.R50.25	33
DR.1102	36	HF.002568	19	HF.015505	11	LK.B250W.50	30	LK.R70.25	33
DR.1122	36	HF.002569	19	HF.015505T	18	LK.B400N.50	30	LK.R95.25	33
DR.1142	36	HF.002580	22	HF.015595	10	LK.B400R.50	30	LK.V075N.50	29
DR.1152	36	HF.002581	22	HF.016595	10	LK.B600N.50	30	LK.V075R.50	29
DR.3004	36	HF.002582	22	HF.017418	10	LK.B600R.50	30	LK.V100B.50	29
DR.3006	36	HF.002583	22	HF.040030	22	LK.BH2X050.50	30	LK.V100G.50	29
DR.3008	36	HF.002585	22	HF.040040	22	LK.BH2X075.50	30	LK.V100J.50	29
DR.4001	36	HF.002586	22	HF.061006	6	LK.C075N.50	31	LK.V100M.50	29
DR.4002	36	HF.002587	22	HF.061008	6	LK.C075R.50	31	LK.V100N.50	29
DR.5010	36	HF.002588	22	HF.061606	6	LK.C100B.50	31	LK.V100R.50	29
DR.5010C	36	HF.002589	22	HF.061608	6	LK.C100G.50	31	LK.V100V.50	29
DR.5010PC	36	HF.002595	22	HF.062506	6	LK.C100J.50	31	LK.V100W.50	29
		HF.002596	22	HF.062508	6	LK.C100M.50	31	LK.V150B.50	29
<b>E</b>		HF.002951	20	HF.062510	6	LK.C100N.50	31	LK.V150G.50	29
EI.2756	47	HF.002952	20	HF.063506	6	LK.C100R.50	31	LK.V150J.50	29
EI.3007	47	HF.002953	20	HF.063508	6	LK.C100V.50	31	LK.V150M.50	29
EI.3103	47	HF.010510	9	HF.063510	6	LK.C100W.50	31	LK.V150N.50	29
EI.3211	47	HF.010519	9	HF.065008	6	LK.C150B.50	31	LK.V150R.50	29
EI.3212	47	HF.010520	9	HF.065010	6	LK.C150G.50	31	LK.V150V.50	29
EI.K033	47	HF.010540	9	HF.067008	6	LK.C150J.50	31	LK.V150W.50	29
EI.K034	47	HF.010540T	16	HF.067010	6	LK.C150M.50	31	LK.V250B.50	29
EI.K036	47	HF.010541	10	HF.067013	6	LK.C150N.50	31	LK.V250G.50	29
EI.K038	47	HF.010541T	16	HF.602590	20	LK.C150R.50	31	LK.V250J.50	29
EI.K047	47	HF.010542	10	HF.602591	20	LK.C150V.50	31	LK.V250M.50	29
		HF.010542T	16	HF.990752	48	LK.C150W.50	31	LK.V250N.50	29
<b>H</b>		HF.010543	10	HF.990010	46	LK.C250B.50	31	LK.V250R.50	29
HC.000006	39	HF.010543T	16	HF.990711	46	LK.C250G.50	31	LK.V250V.50	29
HC.000010	39	HF.010544	10	HF.990812	46	LK.C250J.50	31	LK.V250W.50	29
HC.000013	39	HF.010545	13	HF.991016	46	LK.C250M.50	31	LK.V400N.50	29
HC.000016	39	HF.010545T	19	HF.991220	46	LK.C250N.50	31	LK.V400R.50	29
HC.000019	39	HF.010546	13	HF.991625	46	LK.C250R.50	31	LK.V600N.50	29
HC.000022	39	HF.010546T	19	HF.992032	46	LK.C250V.50	31	LK.V600R.50	29
HC.000025	39	HF.010547	11	HF.992540	46	LK.C250W.50	31		
HC.090711	46	HF.010547T	18	HF.993250	46	LK.C400N.50	31		
HC.090812	46	HF.010548	12	HF.994060	46	LK.C400R.50	31	<b>M</b>	
HC.091016	46	HF.010548T	18	HF.995070	46	LK.C600N.50	31	MA.024N	40
HC.091220	46	HF.010551	13			LK.C600R.50	31	MA.024R	40
HC.091625	46	HF.010551T	19			LK.D10N.25	34	MA.032BOX	40
HC.092032	46	HF.010562	14	<b>L</b>		LK.D10R.25	34	MA.032N	40
HC.092540	46	HF.010634	8	LK.A100B	32	LK.D16N.25	34	MA.032R	40
HC.093250	46	HF.010634T	15	LK.A100M	32	LK.D16R.25	34	MA.048BOX	40
HC.094060	46	HF.010635	8	LK.A100N	32	LK.D25N.25	34	MA.048KIT	41
HC.095070	46	HF.010635T	15	LK.A100R	32	LK.D25R.25	34	MA.048N	40
HC.096080	46	HF.010636	8	LK.A100V	32	LK.D35N.25	34	MA.048R	40
HC.097090	46	HF.010636T	15	LK.A100W	32	LK.D35R.25	34	MA.064BOX	40
HC.DISPLAY	46	HF.010654T	15	LK.A150B	32	LK.D50N.25	34	MA.064KIT	41
HC.KIT	46	HF.010655	8	LK.A150G	32	LK.D50R.25	34	MA.064N	40
HC.P00003	39	HF.010655T	15	LK.A150J	32	LK.D70N.25	34	MA.064R	40
HC.P00006	39	HF.010656	8	LK.A150M	32	LK.D70R.25	34	MA.095BOX	40
HC.P00009	39	HF.010656T	15	LK.A150N	32	LK.D95N.25	34	MA.095KIT	41
HC.P00012	39	HF.010658	8	LK.A150R	32	LK.D95R.25	34	MA.095N	40
HC.P00014	39	HF.010658T	15	LK.A150V	32	LK.F2X150.50	34	MA.095R	40
HC.P00019	39	HF.010675T	15	LK.A150W	32	LK.P2X075.50	33	MA.127BOX	40
HC.P00022	39	HF.010676T	15	LK.A250B	32	LK.P2X100.50	33	MA.127KIT	41
HC.SW007	46	HF.010678T	15	LK.A250M	32	LK.P2X150.50	33	MA.127N	40
HF.000032	41	HF.010680T	15	LK.A250N	32	LK.P2X250.50	33	MA.127R	40
HF.000048	41	HF.010740	9	LK.A250R	32	LK.P2X400.50	33	MA.190BOX	40
HF.000064	41	HF.010740T	16	LK.A250V	32	LK.P2X600.50	33	MA.190KIT	41
HF.000095	41	HF.010840	9	LK.A250W	32	LK.P3X075.50	33	MA.190N	40
HF.000127	41	HF.010840T	16	LK.B100B.50	30	LK.P3X100.50	33	MA.190R	40
HF.000190	41	HF.010849	12	LK.B100J.50	30	LK.P3X150.50	33	MA.227	23
HF.000250	41	HF.010850	11	LK.B100M.50	30	LK.P3X250.50	33	MA.254BOX	40
HF.000676	8	HF.012540T	17	LK.B100N.50	30	LK.P4X100.50	33	MA.254N	40
HF.000678	8	HF.012541	11	LK.B100R.50	30	LK.P4X150.50	33	MA.254W	40
HF.000680	8							MA.599	43
HF.001001	28								

M		M		O		O		O	
MA.699	43	MQ.23C	37	OR.SC5	35	OS.07750	5,	OS.65008	6
MA.799	43	MQ.29	37	OR.SC6	35		25	OS.65010	6
MA.B024	40	MQ.29C	37	OS.00700	4	OS.07900	5	OS.67008	6
MA.B032	40	MR.440019	36	OS.00701	4	OS.07901	5	OS.67010	6
MA.B048	40	MT.0032	39	OS.00702	4	OS.10076	4	OS.67013	6
MA.B064	40	MT.0064	39	OS.01100	4	OS.10080	4	OS.69510	6
MA.B095	40	MT.0095	39	OS.01110	4	OS.10086	4	OS.69513	6
MA.B127	40	MT.0127	39	OS.01200	4,	OS.10150	27	OS.81600	7
MA.B190	40	MT.0190	39		26	OS.10160	27	OS.82500	7
MA.D030	42	MT.1032	40	OS.01210	4,	OS.10170	27	OS.83500	7
MA.D048	42	MT.1064	40		26	OS.10180	27	OS.85000	7
MA.D060	42	MT.1095	40	OS.01390	4	OS.10190	27	OS.85101	27
MA.D090	42	MT.1127	40	OS.01391	4	OS.10200	27	OS.85106	27
MA.D120	42	MT.1190	40	OS.01400	4	OS.10210	27	OS.87000	7
MA.D240	42	MT.B0032	39	OS.01402	4	OS.10220	27	OS.91006	7
MA.M024N	41	MT.B0064	39	OS.01412	4	OS.10230	27	OS.91008	7
MA.M032N	41	MT.B0095	39	OS.01417	4	OS.10240	27	OS.91606	7
MA.M048N	41	MT.B0127	39	OS.01420	4	OS.10250	27	OS.91608	7
MA.M064N	41	MT.B0190	39	OS.01500	5	OS.10260	27	OS.92506	7
MA.M095N	41	MV.00450	45	OS.01501	5	OS.10270	27	OS.92508	7
MA.M127N	41	MV.01000	45	OS.01601	21	OS.10280	27	OS.92510	7
MA.M190N	41	MV.130230N	44	OS.01602	21	OS.10290	27	OS.93508	7
MA.R020N	42	MV.130280N	44	OS.01603	21	OS.10295	27	OS.93510	7
MA.R020R	42	MV.130380N	44	OS.01650	4,	OS.10296	27	OS.95008	7
MA.W030	42	MV.130480N	44		27	OS.20080	4	OS.95010	7
MA.W045	42	MV.25075N	44	OS.01660	4,	OS.23510	25	OS.95013	7
MA.W060	42	MV.25100N	44		27	OS.23520	25	OS.97010	7
MA.W090	42	MV.25100W	44	OS.01662	4	OS.23530	25	OS.97013	7
MA.W120	42	MV.25135N	44	OS.01680	4	OS.23540	25		
MA.X8KIT	42	MV.25160N	44	OS.01710	4	OS.23550	25	P	
MB.004	37	MV.25200N	44	OS.01720	4	OS.23560	25	PE.PG0007	34
MB.005	37	MV.35140N	44	OS.02007	21	OS.23560	25	PE.PG0009	34
MB.006	37	MV.35140W	44	OS.02010	21	OS.23610	25	PE.PG0011	34
MB.007	37	MV.35200N	44	OS.02015	21	OS.23620	25	PE.PG0013	34
MB.008	37	MV.35200W	44	OS.02025	21	OS.23630	25	PE.PG0016	34
MB.010	37	MV.35280N	44	OS.02040	21	OS.23640	25	PF.C00032	35
MB.012	37	MV.35360N	44	OS.02060	21	OS.23650	25	PF.C00048	35
MB.014	37	MV.45140N	44	OS.02100	21	OS.23660	25	PF.C00064	35
MB.016	37	MV.45160N	44	OS.02160	21	OS.23670	25	PF.C00080	35
MB.018	37	MV.45200N	44	OS.02250	21	OS.23680	25	PF.C00095	35
MB.020	37	MV.45250N	44	OS.02550	4	OS.23690	25	PF.C00130	35
ME.004	38	MV.45280N	44	OS.02590	20	OS.23700	25	PF.C00160	35
ME.006	38	MV.45360N	44	OS.02591	20	OS.23710	25	PF.C00190	35
ME.008	38	MV.45360W	44	OS.02592	20	OS.23720	25	PF.N00008	35
ME.010	38	MV.45380N	44	OS.02593	20	OS.26010	26	PF.N00010	35
ME.013	38	MV.45430N	44	OS.02690	20	OS.26020	26	PF.N00013	35
ME.017	38	MV.600019N	45	OS.02970	4	OS.26030	26	PF.N00016	35
ME.019	38	MV.600019W	45	OS.02980	4	OS.26040	26	PF.N00019	35
ME.022	38	MV.600028N	45	OS.02981	4	OS.26050	26	PF.N00022	35
ME.026	38	MV.600028W	45	OS.03016	4	OS.26060	26	PF.N00025	35
ME.029	38	MV.60115HD	44	OS.03100	21	OS.26110	26	PF.N00028	35
ME.104	38	MV.75180N	44	OS.03400	21	OS.26120	26	PF.NC0008	35
ME.106	38	MV.75200N	44	OS.04500	5,	OS.26130	26	PF.NC0010	35
ME.108	38	MV.75240N	44		25	OS.26140	26	PF.NC0013	35
ME.110	38	MV.75280N	44	OS.04510	5,	OS.26150	26	PF.NC0016	35
ME.113	38	MV.75320N	44		25	OS.26160	26	PF.NC0019	35
ME.117	38	MV.75360N	44	OS.05550	5,	OS.26170	26	PF.NC0022	35
ME.119	38	MV.75450N	44		25	OS.26180	26	PF.NC0025	35
ME.119.12	38	MV.90115HD	44	OS.05560	5,	OS.40100	26	U	
ME.122	38	MV.90180HD	44		25	OS.40200	26	US.0510	9
ME.126	38	MV.90265HD	44	OS.07209	5	OS.40300	26	US.0519	9
ME.129	38	MV.90360HD	44	OS.07212	5	OS.40310	26	US.0520	9
ME.204	38	MV.90430N	44	OS.07510	25	OS.40340	26	US.0540	9
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ME.209	38	MV.90550N	44		26	OS.40410	26	US.0541	10
ME.210	38	MV.90780N	44	OS.07660	5,	OS.40420	26	US.0541T	16
ME.212	38	MW.04	37		26	OS.40700	26	US.0542	10
ME.217	38	MW.06	37	OS.07670	5,	OS.40800	26	US.0542T	16
ME.222	38	MW.06W	37		26	OS.55460	28	US.0543	10
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MQ.16C	37	OR.AP12	35		26	OS.62510	6	US.0547T	18
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		OR.SC2	35	OS.07710	5	OS.63508	6	US.0548T	18
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