



GÜVEN

ELEKTRİK ELEKTRONİK LTD. ŞTİ.

GWEST®

WWOER®



JANUARY 2025
CATALOGUE

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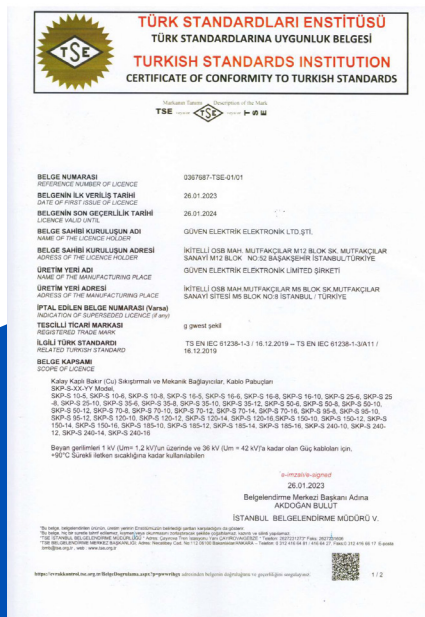
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Quality Certificates

As Güven Elektrik, with our customer-oriented approach, we apply quality and compliance standards by keeping customer satisfaction at the highest level in all products and services we provide.

Our main goal is to maintain a high level of product quality and regulatory compliance.

Quality is indisputably the most important factor for our company. In order to produce the highest quality products; we carefully select all our raw materials.



About Us

Founded in 2004 in Karaköy, our company has set the principle of increasing its product range and carrying the GWEST brand to the highest level in the sector in which it is located. In order to provide better service to our customers, it moved to the center of İkitelli Organized Industrial Zone in 2014. In 2016, our company, which experienced its first manufacturing experience in 2021, moved to its new location with a closed area of 3000 m² in 2021.

Our company has documented its service and production in international quality standards with ISO, CE and TSE certificates.

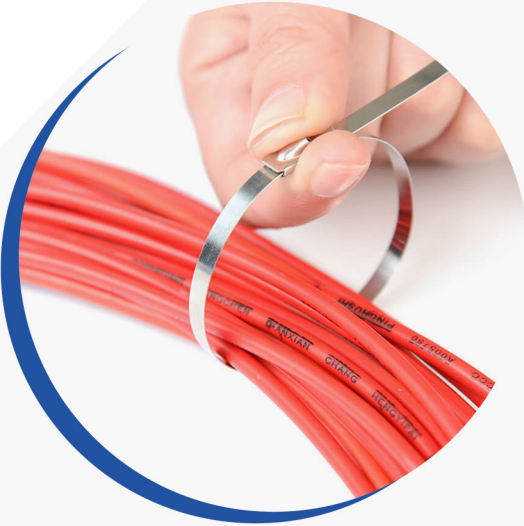
As one of our goals, we have achieved high quality in the products we produce, increased product diversity and unconditional customer satisfaction. Güven Elektrik, which has provided unconditional customer satisfaction to the customers it has worked with until today, continues its services by increasing its quality standards.



STRONG AND DURABLE

Consistent Performance and Reliability.





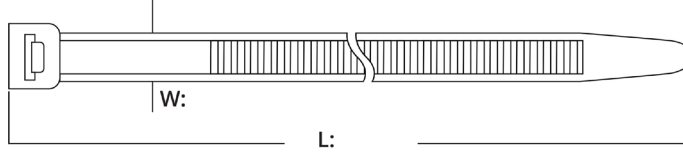
CABLE TIES

And Accessories



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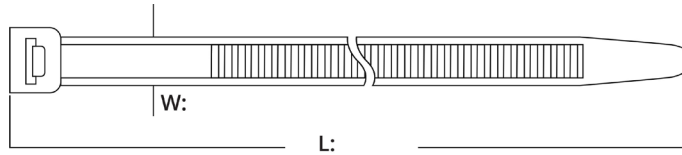
STANDARD WHITE CABLE TIES



Material : Pure Nylon 6.6 Standard UL
Operating Temperature:
- 40 ° C --- +85 ° C

Order Code	Product Code	Dimensions		Color	Maximum Clamping Diameter (mm)	Opening Resistance (kg)	Packing Piece	
		Length (mm)	Width (mm)				Package	Cartoon
1001	GT 100 M	100	2.5	White	20	8	1.000	65.000
1002	GT 150 M	150		White	36		1.000	50.000
1003	GT 200 M	200		White	52		1.000	35.000
1004	GT 150 I	150	3.6	White	36	18	100	23.000
1005	GT 200 I	200		White	52		100	18.000
1006	GT 250 I	250		White	68		100	18.000
1007	GT 300 I	300		White	84		100	15.000
1008	GT 370 I	370	4.8	White	106	22	100	12.000
1009	GT 200 ST	200		White	50		100	13.000
1010	GT 250 ST	250		White	65		100	12.000
1011	GT 300 ST	300		White	81		100	11.000
1012	GT 370 ST	370		White	104		100	9.000
1050	GT 400 ST	400		White	113		100	6.000
1013	GT 430 ST	430	7.6	White	123	55	100	6.000
1015	GT 300 HD	300		White	76		100	5.000
1016	GT 370 HD	370		White	102		100	4.000
1017	GT 430 HD	430		White	110		100	3.000
1018	GT 530 HD	530		White	140		100	2.000
1019	GT 610 HD	610		White	185		100	2.000
1020	GT 750 HD	750	9	White	226	80	100	2.000
1022	GT 710 HD	710		White	190		100	2.000
1023	GT 780 HD	780		White	228		100	2.000
1024	GT 920 HD	920		White	280		100	1.500
1025	GT 1020 HD	1020		White	295		100	1.000
1026	GT 1220 HD	1220		White	375		100	1.000

STANDARD BLACK CABLE TIES



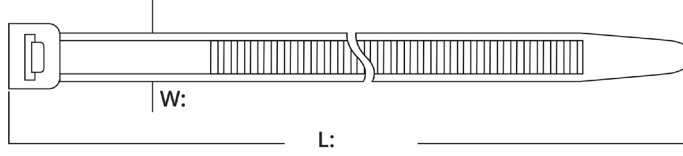
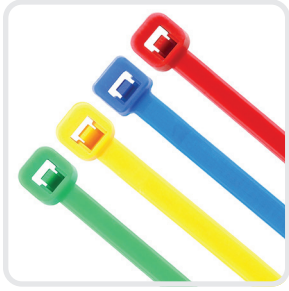
Material : Pure Nylon 6.6 Standard UL

Operating Temperature:

- 40 ° C --- +85 ° C

Order Code	Product Code	Dimensions		Color	Maximum Clamping Diameter (mm)	Opening Resistance (kg)	Packing Piece	
		Length (mm)	Width (mm)				Package	Cartoon
1027	GT 100 MB	100	2.5	Black	20	8	1.000	65.000
1028	GT 150 MB	150		Black	36		1.000	50.000
1029	GT 200 MB	200		Black	52		1.000	35.000
1030	GT 150 IB	150	3.6	Black	36	18	100	23.000
1031	GT 200 IB	200		Black	52		100	18.000
1032	GT 250 IB	250		Black	68		100	18.000
1033	GT 300 IB	300		Black	84		100	15.000
1034	GT 370 IB	370		Black	106		100	12.000
1035	GT 200 STB	200	4.8	Black	50	22	100	13.000
1036	GT 250 STB	250		Black	65		100	12.000
1037	GT 300 STB	300		Black	81		100	11.000
1038	GT 370 STB	370		Black	104		100	9.000
1039	GT 430 STB	430		Black	123		100	6.000
1041	GT 300 HDB	300	7.6	Black	76	55	100	5.000
1042	GT 370 HDB	370		Black	102		100	4.000
1043	GT 430 HDB	430		Black	110		100	3.000
1044	GT 530 HDB	530		Black	140		100	2.000
1045	GT 610 HDB	610		Black	185		100	2.000
1046	GT 750 HDB	750		Black	226		100	2.000
1048	GT 710 HDB	710	9	Black	190	80	100	2.000
1049	GT 780 HDB	780		Black	228		100	2.000
1051	GT 920 HDB	920		Black	280		100	1.500

STANDARD COLORED CABLE TIES



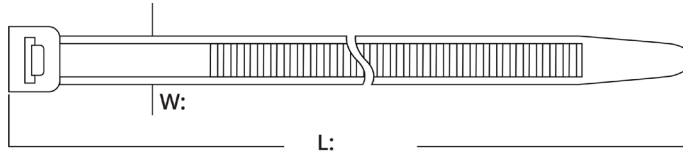
Material : Pure Nylon 6.6 Standard UL

Operating Temperature:

- 40 ° C --- +85 ° C

Order Code	Product Code	Dimensions		Color	Maximum Clamping Diameter (mm)	Opening Resistance (kg)	Packing Piece	
		Length (mm)	Width (mm)				Package	Cartoon
1101	GT 100 MK	100	2.5	Red	20	8	1.000	65.000
1102	GT 150 IK	150	3.6	Red	36	18	100	23.000
1103	GT 200 IK	200		Red	52		100	18.000
1104	GT 250 IK	250		Red	68		100	18.000
1105	GT 300 IK	300		Red	84		100	15.000
1106	GT 200 STK	200	4.8	Red	50	22	100	13.000
1107	GT 250 STK	250		Red	65		100	12.000
1108	GT 300 STK	300		Red	81		100	11.000
1109	GT 370 STK	370		Red	101		100	9.000
1110	GT 100 MM	100	2.5	Blue	20	8	1.000	65.000
1111	GT 150 IM	150	3.6	Blue	36	18	100	23.000
1112	GT 200 IM	200		Blue	52		100	18.000
1113	GT 250 IM	250		Blue	68		100	18.000
1114	GT 300 IM	300		Blue	84		100	15.000
1115	GT 200 STM	200	4.8	Blue	50	22	100	13.000
1116	GT 250 STM	250		Blue	65		100	12.000
1117	GT 300 STM	300		Blue	81		100	11.000
1118	GT 370 STM	370		Blue	101		100	9.000
1119	GT 100 MS	100	2.5	Yellow	20	8	1.000	65.000
1120	GT 150 IS	150	3.6	Yellow	36	18	100	23.000
1121	GT 200 IS	200		Yellow	52		100	18.000
1122	GT 250 IS	250		Yellow	68		100	18.000
1123	GT 300 IS	300		Yellow	84		100	15.000
1124	GT 200 STS	200	4.8	Yellow	50	22	100	13.000
1125	GT 250 STS	250		Yellow	65		100	12.000
1126	GT 300 STS	300		Yellow	81		100	11.000
1127	GT 370 STS	370		Yellow	104		100	9.000
1128	GT 100 MY	100	2.5	Green	20	8	1.000	65.000
1129	GT 150 IY	150	3.6	Green	36	18	100	23.000
1130	GT 200 IY	200		Green	52		100	18.000
1131	GT 250 IY	250		Green	68		100	18.000
1132	GT 300 IY	300		Green	84		100	15.000
1133	GT 200 STY	200	4.8	Green	50	22	100	13.000
1134	GT 250 STY	250		Green	65		100	12.000
1135	GT 300 STY	300		Green	81		100	11.000
1136	GT 370 STY	370		Green	101		100	9.000

ULTRAVIOLET CABLE TIES



Material : Pure Nylon 6.6 Standard UL

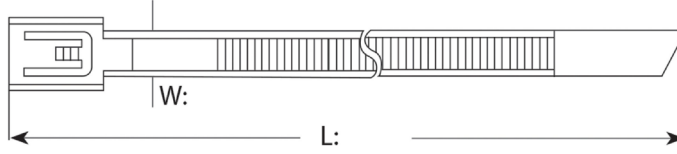
Operating Temperature:

- 40 °C --- +85 °C

Order Code	Product Code	Dimensions		Color	Maximum Clamping Diameter (mm)	Opening Resistance (kg)	Packing Piece	
		Length (mm)	Width (mm)				Package	Cartoon
1201	GT 100 M UV	100	2.5	Black	20	8	1.000	65.000
1202	GT 150 M UV	150		Black	36		1.000	50.000
1203	GT 200 M UV	200		Black	52		1.000	35.000
1204	GT 150 I UV	150	3.6	Black	36	18	100	23.000
1205	GT 200 I UV	200		Black	52		100	18.000
1206	GT 250 I UV	250		Black	68		100	18.000
1207	GT 300 I UV	300		Black	84		100	15.000
1208	GT 200 ST UV	200	4.8	Black	50	22	100	13.000
1209	GT 250 ST UV	250		Black	65		100	12.000
1210	GT 300 ST UV	300		Black	81		100	11.000
1211	GT 370 ST UV	370		Black	104		100	9.000
1212	GT 430 ST UV	430	7.6	Black	123	55	100	6.000
1213	GT 300 HD UV	300		Black	76		100	5.000
1214	GT 370 HD UV	370		Black	102		100	4.000
1215	GT 430 HD UV	430		Black	110		100	3.000
1216	GT 530 HD UV	530	9	Black	140	80	100	2.000
1217	GT 780 HD UV	780		Black	228		100	2.000



STAINLESS STEEL CABLE TIES



Material : 304 Stainless Steel

Water Sorption: No

Flameproof : UL94V-2

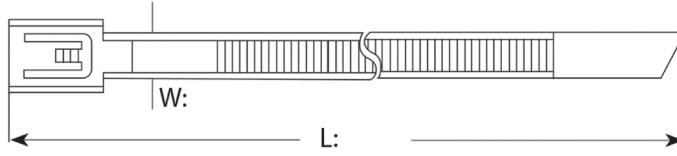
Order Code	Product Code	Dimensions		Color	Maximum Clamping Diameter (mm)	Opening Resistance (kg)	Packing Piece	
		Length (mm)	Width (mm)				Package	Cartoon
1301	MTL 150 ST	150	4.6	Metal	44	55	100	8.000
1302	MTL 200 ST	200		Metal	51		100	6.000
1303	MTL 260 ST	260		Metal	69		100	5.000
1304	MTL 300 ST	300		Metal	76		100	5.000
1305	MTL 370 ST	370		Metal	102		100	4.000
1306	MTL 520 ST	520		Metal	152		100	3.000
1307	MTL 680 ST	680		Metal	203		100	2.000
1308	MTL 840 ST	840		Metal	254		100	1.000
1309	MTL 200 HD	200	7.9	Metal	50	120	100	5.000
1310	MTL 300 HD	300		Metal	75		100	4.000
1311	MTL 370 HD	370		Metal	102		100	3.000
1312	MTL 520 HD	520		Metal	152		100	2.000
1313	MTL 680 HD	680		Metal	203		100	2.000
1314	MTL 840 HD	840		Metal	224		100	1.000

STAINLESS STEEL CABLE TIES

- Self-locking head design speeds up installation and allows locking at any length along the cable tie body.
- Provides a strong and durable method of cable tying.
- Can be used in a wide range of indoor and outdoor applications.
- With its smooth surface and rounded ends, it guarantees the protection of the cable and the safety of the worker.
- Provides the highest level of support for mains cables.
- For general purpose applications: 304 stainless steel



PVC COATED STAINLESS STEEL CABLE TIES



Material : 304 Stainless Steel

Water Sorption: No

Flameproof : UL94V-2

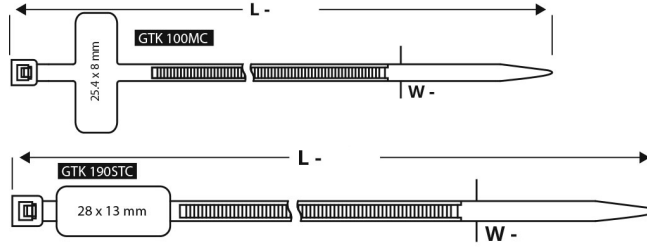
Order Code	Product Code	Dimensions		Color	Maximum Clamping Diameter (mm)	Opening Resistance (kg)	Packing Piece	
		Length (mm)	Width (mm)				Package	Cartoon
1401	PVC MTL 150 ST	150	4.6	Metal	44	55	100	8.000
1402	PVC MTL 200 ST	200		Metal	51		100	6.000
1403	PVC MTL 260 ST	260		Metal	69		100	5.000
1404	PVC MTL 300 ST	300		Metal	76		100	5.000
1405	PVC MTL 370 ST	370		Metal	102		100	4.000
1406	PVC MTL 520 ST	520		Metal	152		100	3.000
1407	PVC MTL 680 ST	680		Metal	203		100	2.000
1408	PVC MTL 840 ST	840		Metal	254		100	1.000
1409	PVC MTL 200 HD	200	7.9	Metal	50	120	100	5.000
1410	PVC MTL 300 HD	300		Metal	75		100	4.000
1411	PVC MTL 370 HD	370		Metal	102		100	3.000
1412	PVC MTL 520 HD	520		Metal	152		100	2.000
1413	PVC MTL 680 HD	680		Metal	203		100	2.000
1414	PVC MTL 840 HD	840		Metal	224		100	1.000

PVC COATED STAINLESS STEEL CABLE TIES

- Self-locking head design speeds up installation and allows locking at any length along the cable tie body.
- Provides a strong and durable method of cable tying.
- Can be used in a wide range of indoor and outdoor applications.
- With its smooth surface and rounded ends, it guarantees the protection of the cable and the safety of the worker.
- Provides the highest level of support for mains cables.
- For general purpose applications: 304 stainless steel



MARKER CABLE TIES



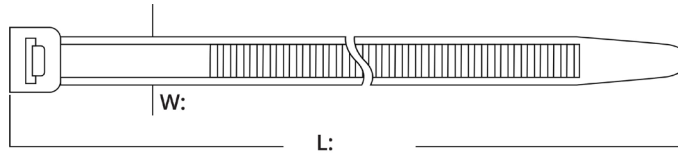
Material : Pure Nylon 6.6 Standard UL

Operating Temperature :

- 40 ° C --- +85 ° C

Order Code	Product Code	Dimensions		Color	Maximum Clamping Diameter (mm)	Opening Resistance (kg)	Packing Piece	
		Length (mm)	Width (mm)				Package	Cartoon
1501	GTK 100 MC	100	2.5	White	20	8	100	30.000
1502	GTK 190 STC	190	4.8	White	48	22	100	15.000

REUSABLE CABLE TIES



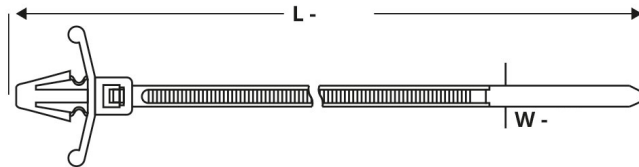
Material : Pure Nylon 6.6 Standard UL

Operating Temperature :

- 40 ° C --- +85 ° C

Order Code	Product Code	Dimensions		Color	Maximum Clamping Diameter (mm)	Opening Resistance (kg)	Packing Piece	
		Length (mm)	Width (mm)				Package	Cartoon
1503	GTA 200 HD	200	7.6	White	50	36	100	2.000
1504	GTA 370 HD	370	7.6	White	100	36	100	2.000

WING PUSH MOUNT CABLE TIES



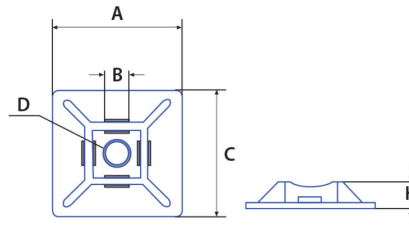
Material : Pure Nylon 6.6 Standard UL

Operating Temperature :

- 40 ° C --- +85 ° C

Order Code	Product Code	Dimensions		Color	Maximum Clamping Diameter (mm)	Opening Resistance (kg)	Packing Piece	
		Length (mm)	Width (mm)				Package	Cartoon
1505	GTP 100 M	100	2.5	White	20	8	100	15.000
1506	GTP 150 I	150	3.6	White	35	18	100	10.000
1507	GTP 200 ST	200	4.8	White	50	22	100	5.000

MOUNTS PAD



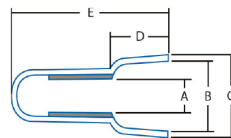
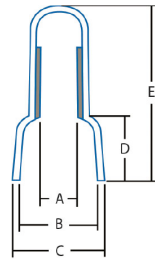
Material : Pure Nylon 6.6 Standard UL

Operating Temperature :

- 40 ° C --- +85 ° C

Order Code	Product Code	Dimensions					Color	Packing Piece	
		A	B	C	D	H		Package	Cartoon
1513	HW - 3A	19	19	3.6	Ø 3.2	4.0	White	100	20.000
1514	HW - 4A	28	28	4.8	Ø 3.2	4.5	White	100	9.000
1515	HW - 3AB	19	19	3.6	Ø 3.2	4.0	Black	100	20.000
1516	HW - 4AB	28	28	4.8	Ø 3.2	4.5	Black	100	9.000

CLOSE-END WIRE CONNECTORS



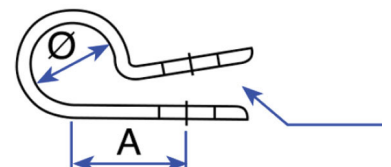
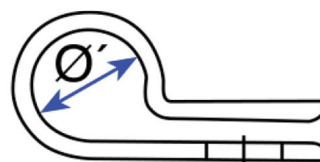
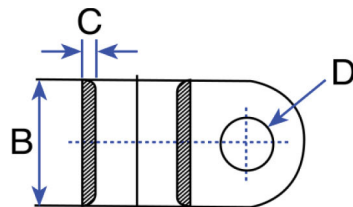
Material : Pure Nylon 6.6 Standard UL

Operating Temperature :

- 40 ° C --- +85 ° C

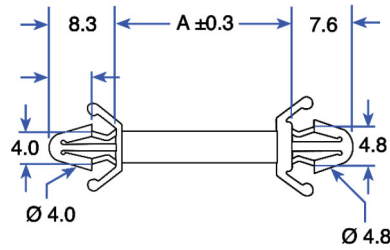
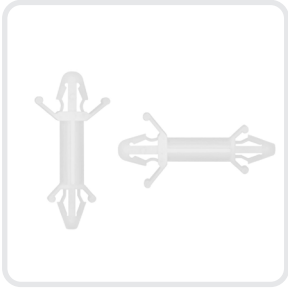
Order Code	Product Code	Dimensions					Color	Packing Piece	
		A	B	C	D	H		Package	Cartoon
1517	HW - C4	19	19	3.6	Ø 3.2	4.0	White	100	20.000
1518	HW - C5	28	28	4.8	Ø 3.2	4.5	White	100	10.000

CABLE CLAMPS



Order Code	Product Code	Dimensions						Color	Packing Piece	
		Ø	Ø 1	A	B	C	D		Package	Cartoon
1523	GCL 1/4	7.4	6.6	10.3	9.1	1.27	M5	White	100	20.000
1524	GCL 3/8	10.9	9.7	11.9	9.2	1.27	M5	White	100	10.000

LOCKING CIRCUIT BOARD SUPPORT



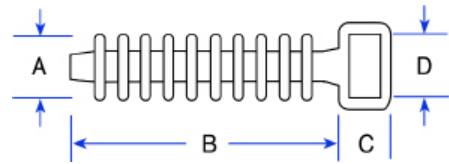
Material : Pure Nylon 6.6 Standard UL

Operating Temperature :

- 40 ° C --- +85 ° C

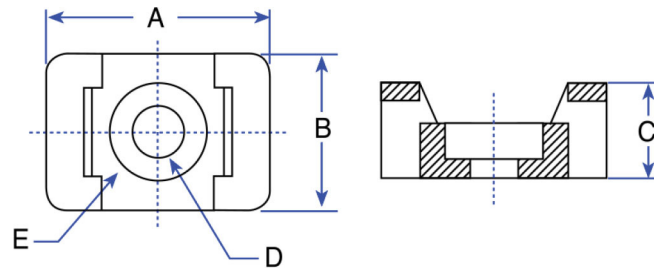
Order Code	Product Code	Dimensions	Color	Packing Piece	
		A		Package	Cartoon
1519	CBS - 9A	9.2	White	1.000	25.000
1520	CBS - 13A	12.6	White	1.000	25.000

MOUNT PLUG



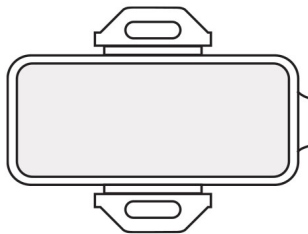
Order Code	Product Code	Dimensions				Maximum Clamping Diameter (mm)	Color	Packing Piece	
		A	B	C	D			Package	Cartoon
1525	TH - 2	9.5	36.0	6.0	9.5	9.5	Black	100	8.000

SCREW MOUNT



Order Code	Product Code	Dimensions					Maximum Clamping Diameter (mm)	Color	Packing Piece	
		A	B	C	D	E			Package	Cartoon
1511	VK V - 1	14.9	9.5	6.9	4.5	7.8	4.8	White	100	20.000
1512	VK V - 2	22.2	15.9	9.7	6.4	12.6	7.6	White	100	10.000

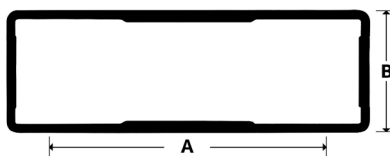
MARKER SUPPORT



Material : Polypropylene
Operating Temperature :
0 ° C --- +90 ° C

Order Code	Product Code	Dimensions			Label Width (mm)	Label Height (mm)	Color	Packing Piece	
		A	B	C				Package	Cartoon
1526	GET - 1	35	10	8	32	7	White	100	8.000
1527	GET - 2	45	20	8	42	17	White	100	4.000

STRICKLY BOARD MARKER SUPPORT



Material : ABS Base, PS Cover + Double-Sided Tape
Operating Temperature :
-40 ° C --- +60 ° C

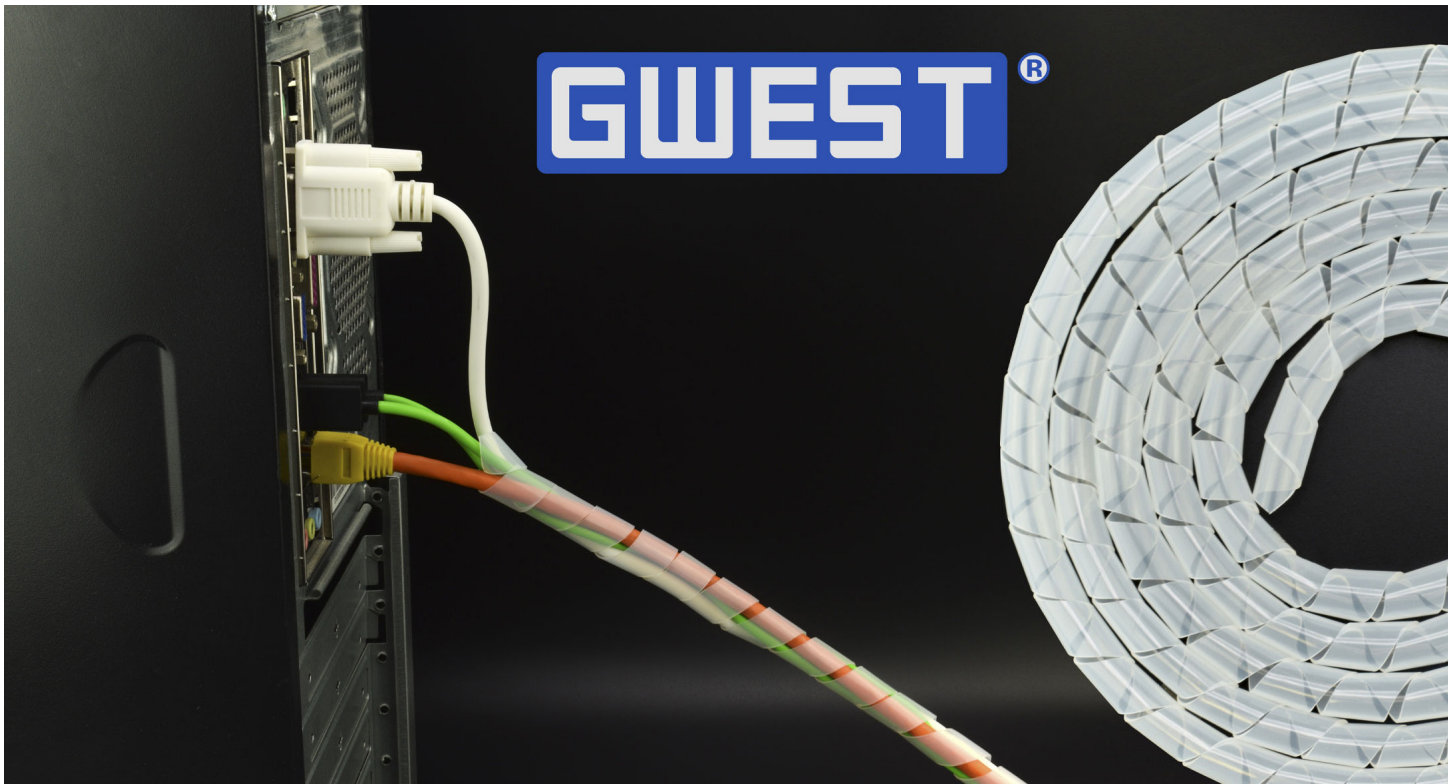
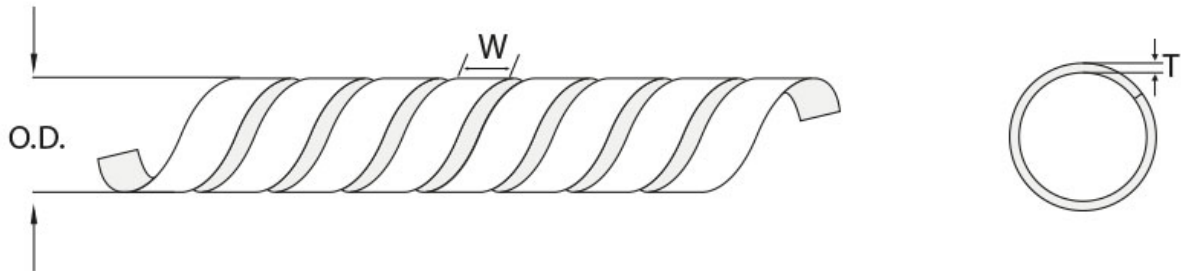
Order Code	Product Code	Dimensions		Label Width (mm)	Label Height (mm)	Color	Packing Piece	
		A	B				Package	Cartoon
1528	GPET - 1	30	17	27.5	14.4	Black	100	8.000
1529	GPET - 2	50	17	49	15	Black	50	5.000
1530	GPET - 3	75	17	72	15	Black	25	3.000

SPIRAL WRAPPING BANDS

Order Code	Product Code	O.D.	T	W	Cable Section (mm²)	Color	Package Quantity (Mt.)	Carton Quantity (Mt.)
3251	GHS6 (No1)	6	0.60	7.4	2.5 - 15	White	10	1.000
3252	GHS8 (No2)	8	0.75	12	6 - 30	White	10	800
3253	GHS10 (No3)	10	0.80	12.3	7.5 - 30	White	10	500
3254	GHS12 (No4)	12	0.85	15	9 - 32	White	10	400
3255	GHS15 (No5)	15	1.00	15.5	12 - 35	White	10	250

Material : PE

Thanks to its flexible feature, it helps to organize the cables.
It is suitable for reuse thanks to its strong structure.





CORD END TERMINALS

Single and Twin Inputs

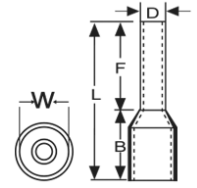


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INSULATED CORD END TERMINALS FRENCH NORM



Standard : DIN 46228
 Material : Copper, Tin Plating
 Isolation : Nylon
 Operating Temperature : Maximum Between 105° 600 Volt



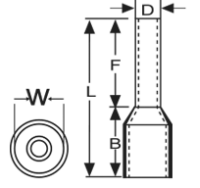
Order Code	Product Code	Color	Cable Section (mm ²)	Dimensions (mm)					Box Piece
				F	L	W	B	D	
2001	IYF - 0.25	Violet	0.25 mm ²	8.0	12.0	1.9	4.4	1.1	1.000
2002	IYF - 0.34	Pink	0.34 mm ²	8.0	12.0	1.9	4.4	1.1	1.000
2003	IYF - 0.50	White	0.50 mm ²	8.0	14.0	2.6	6.0	1.3	1.000
2004	IYF - 0.75	Blue	0.75 mm ²	8.0	14.0	2.8	6.3	1.5	1.000
2005	IYF - 1.0	Red	1.00 mm ²	8.0	14.0	3.0	6.3	1.7	1.000
2006	IYF - 1.5	Black	1.50 mm ²	8.0	14.0	3.5	6.3	2.0	1.000
2007	IYF - 2.5	Grey	2.50 mm ²	8.0	14.0	4.2	7.4	2.5	500
2008	IYF - 4.0	Orange	4.00 mm ²	10.0	17.0	4.8	7.4	3.2	500
2009	IYF - 6.0	Green	6.00 mm ²	12.0	20.0	6.3	8.5	3.9	250
2010	IYF - 10.0	Brown	10.0 mm ²	12.0	22.0	7.6	8.8	4.9	100
2011	IYF - 16.0	Beige	16.0 mm ²	12.0	24.0	8.8	10.0	6.2	100
2012	IYF - 25.0	Black	25.0 mm ²	16.0	28.0	11.2	12.0	7.7	50
2013	IYF - 35.0	Red	35.0 mm ²	16.0	30.0	12.7	14.0	8.7	50
2014	IYF - 50.0	Blue	50.0 mm ²	20.0	36.0	15.0	16.0	10.9	25
2015	IYF - 70.0	Yellow	70.0 mm ²	21.0	37.0	16.0	17.0	14.3	25



INSULATED CORD END TERMINALS GERMAN NORM



Standard : DIN 46228
 Material : Copper, Tin Plating
 Isolation : Nylon
 Operating Temperature : Maximum Between 105° 600 Volt



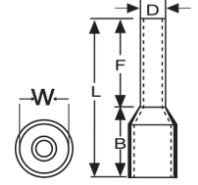
Order Code	Product Code	Color	Cable Section (mm ²)	Dimensions (mm)					Box Piece
				F	L	W	B	D	
2101	IYA - 0.14	Grey	0.14 mm ²	8.0	12.0	1.6	2.8	0.9	1.000
2102	IYA - 0.25	Blue	0.25 mm ²	8.0	12.0	1.9	4.4	1.1	1.000
2103	IYA - 0.34	Turquoise	0.34 mm ²	8.0	12.0	1.9	4.4	1.1	1.000
2104	IYA - 0.50	Orange	0.50 mm ²	8.0	14.0	2.6	6.0	1.3	1.000
2105	IYA - 0.75	White	0.75 mm ²	8.0	14.0	2.8	6.3	1.5	1.000
2106	IYA - 1.0	Yellow	1.00 mm ²	8.0	14.0	3.0	6.3	1.7	1.000
2107	IYA - 1.5	Red	1.50 mm ²	8.0	14.0	3.5	6.3	2.0	1.000
2108	IYA - 2.5	Blue	2.50 mm ²	8.0	14.0	4.2	7.4	2.5	500
2109	IYA - 4.0	Grey	4.00 mm ²	10.0	17.0	4.8	7.4	3.2	500
2110	IYA - 6.0	Black	6.00 mm ²	12.0	20.0	6.3	8.5	3.9	250
2111	IYA - 10.0	Beige	10.0 mm ²	12.0	22.0	7.6	8.8	4.9	100
2112	IYA - 16.0	Green	16.0 mm ²	12.0	24.0	8.8	10.0	6.2	100
2113	IYA - 25.0	Brown	25.0 mm ²	16.0	28.0	11.2	12.0	7.7	50
2114	IYA - 35.0	Beige	35.0 mm ²	16.0	30.0	12.7	14.0	8.7	50
2115	IYA - 50.0	Green	50.0 mm ²	20.0	36.0	15.0	16.0	10.9	25



INSULATED TWIN CORD END TERMINALS FRENCH NORM



Standard : DIN 46228
 Material : Copper, Tin Plating
 Isolation : Nylon
 Operating Temperature : Maximum Between 105° 600 Volt



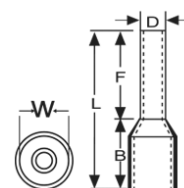
Order Code	Product Code	Color	Cable Section (mm ²)	Dimensions (mm)					Box Piece
				F	L	W	B	D	
2201	CYF - 0.50	White	0.50 mm ²	8.0	14.0	5.0	6.5	1.8	1.000
2202	CYF - 0.75	Blue	0.75 mm ²	8.0	14.0	5.5	6.7	2.1	500
2203	CYF - 1.0	Red	1.00 mm ²	8.0	14.0	5.5	7.1	2.4	500
2204	CYF - 1.5	Black	1.50 mm ²	8.0	14.0	6.4	7.5	2.6	500
2205	CYF - 2.5	Grey	2.50 mm ²	10.0	14.0	8.0	8.5	3.3	250
2206	CYF - 4.0	Orange	4.00 mm ²	12.0	17.0	8.0	11.1	4.2	200
2207	CYF - 6.0	Green	6.00 mm ²	14.0	20.0	9.5	12.1	5.3	100
2208	CYF - 10.0	Brown	10.0 mm ²	14.0	27.0	12.6	12.6	6.9	50
2209	CYF - 16.0	Beige	16.0 mm ²	14.0	31.0	19.0	17.3	8.7	50



INSULATED TWIN CORD END TERMINALS GERMAN



Standard : DIN 46228
 Material : Copper, Tin Plating
 Isolation : Nylon
 Operating Temperature : Maximum Between 105° 600 Volt



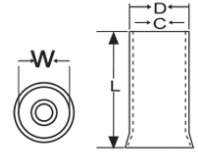
Order Code	Product Code	Color	Cable Section (mm ²)	Dimensions (mm)					Box Piece
				F	L	W	B	D	
2301	CYA - 0.50	 Orange	0.50 mm ²	8.0	14.0	5.0	6.5	1.8	1.000
2302	CYA - 0.75	 White	0.75 mm ²	8.0	14.0	5.5	6.7	2.1	500
2303	CYA - 1.0	 Yellow	1.00 mm ²	8.0	14.0	5.5	7.1	2.4	500
2304	CYA - 1.5	 Red	1.50 mm ²	8.0	14.0	6.4	7.5	2.6	500
2305	CYA - 2.5	 Blue	2.50 mm ²	10.0	14.0	8.0	8.5	3.3	250
2306	CYA - 4.0	 Grey	4.00 mm ²	12.0	17.0	8.0	11.1	4.2	200
2307	CYA - 6.0	 Black	6.00 mm ²	14.0	20.0	9.5	12.1	5.3	100
2308	CYA - 10.0	 Beige	10.0 mm ²	14.0	27.0	12.6	12.6	6.9	50
2309	CYA - 16.0	 Green	16.0 mm ²	14.0	31.0	19.0	17.3	8.7	50



NON-INSULATED CORD END TERMINALS



Standard : DIN 46228
Material : Copper, Tin Plating
Isolation : No



Order Code	Product Code	Cable Section (mm ²)	Dimensions (mm)				Box Piece
			L	W	D	C	
2401	KY - 0.50	0.50 mm ²	10	2.1	1.3	1.0	2.000
2402	KY - 0.75	0.75 mm ²	10	2.3	1.5	1.2	1.000
2403	KY - 1.0	1.00 mm ²	10	2.5	1.7	1.4	1.000
2404	KY - 1.5	1.50 mm ²	10	2.8	2.0	1.7	1.000
2405	KY - 2.5	2.50 mm ²	12	3.4	2.5	2.2	1.000
2406	KY - 4.0	4.00 mm ²	12	4.0	3.2	2.8	1.000
2407	KY - 6.0	6.00 mm ²	12	4.7	3.9	3.5	500
2408	KY - 10.0	10.0 mm ²	15	5.8	4.9	4.5	250
2409	KY - 16.0	16.0 mm ²	15	7.5	6.2	5.8	250





CABLE END CONNECTORS

And Cable Terminals

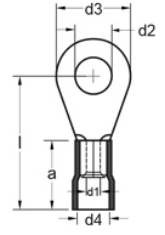


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INSULATED RING TERMINALS



Standart : DIN 46237
 Material : Copper, Tin Plating
 Isolation : PVC
 Operating Temperature : Maximum Between 105° 600Volt

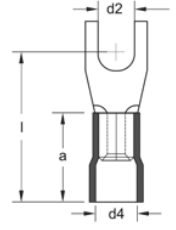


Order Code	Product Code	Color	Cable Section (mm ²)	Bolt Size	Dimensions (mm)						Box Piece
					d2	d3	l	d1	d4	a	
3001	GYU - 301	Red	0.50 - 1.50 mm ²	M3	3.2	6.0	16.0	1.6	4.0	10.0	200
3003	GYU - 401	Red		M4	4.3	8.0	17.0	1.6	4.0	10.0	200
3004	GYU - 501	Red		M5	5.3	10.0	18.0	1.6	4.0	10.0	200
3005	GYU - 601	Red		M6	6.5	10.0	18.0	1.6	4.0	10.0	200
3006	GYU - 801	Red		M8	8.4	14.0	22.0	1.6	4.0	10.0	200
3007	GYU - 302	Blue	1.50 - 2.50 mm ²	M3	3.2	6.0	16.0	2.3	4.5	10.0	200
3008	GYU - 402	Blue		M4	4.3	8.0	17.0	2.3	4.5	10.0	200
3009	GYU - 502	Blue		M5	5.3	10.0	19.0	2.3	4.5	10.0	200
3010	GYU - 602	Blue		M6	6.5	11.0	20.0	2.3	4.5	10.0	200
3011	GYU - 802	Blue		M8	8.4	14.0	22.0	2.3	4.5	10.0	200
3012	GYU - 1002	Blue		M10	10.5	15.0	22.0	2.3	4.5	10.0	200
3013	GYU - 406	Yellow	4.00 - 6.00 mm ²	M4	4.3	8.6	21.0	3.6	6.3	13.0	100
3014	GYU - 506	Yellow		M5	5.3	10.0	22.0	3.6	6.3	13.0	100
3015	GYU - 606	Yellow		M6	6.5	11.0	22.5	3.6	6.3	13.0	100
3016	GYU - 806	Yellow		M8	8.4	14.0	26.0	3.6	6.3	13.0	100
3017	GYU - 1006	Yellow		M10	10.5	18.0	28.0	3.6	6.3	13.0	100
3018	GYU - 1206	Yellow		M12	13.0	18.0	28.0	3.6	6.3	13.0	100
3019	GYU - 610	Red	8.00 - 10.00 mm ²	M6	6.7	23.5	30.0	4.5	8.0	17.0	50
3020	GYU - 810	Red		M8	8.4	26.3	36.0	4.5	8.0	17.0	50

INSULATED SPADE TERMINALS



Standart : DIN 46237
 Material : Copper, Tin Plating
 Isolation : PVC
 Operating Temperature : Maximum Between 105° 600Volt

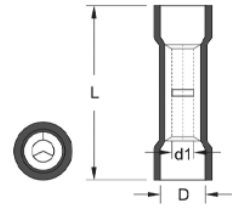


Order Code	Product Code	Color	Cable Section (mm ²)	Bolt Size	Dimensions (mm)						Box Piece
					d2	d3	l	d1	d4	a	
3101	GÇU - 3001	Red	0.50 - 1.50 mm ²	M3	3.2	6.0	16.0	1.6	4.0	10.0	200
3102	GÇU - 4001	Red		M4	4.3	8.0	17.0	1.6	4.0	10.0	200
3103	GÇU - 5001	Red		M5	5.3	10.0	18.0	1.6	4.0	10.0	200
3104	GÇU - 6001	Red		M6	6.5	11.0	20.0	1.6	4.0	10.0	200
3105	GÇU - 3002	Blue	1.50 - 2.50 mm ²	M3	3.2	5.5	18.0	2.3	4.5	10.0	200
3106	GÇU - 4002	Blue		M4	4.3	6.8	17.0	2.3	4.5	10.0	200
3107	GÇU - 5002	Blue		M5	5.3	10.0	19.0	2.3	4.5	10.0	200
3108	GÇU - 6002	Blue		M6	6.5	11.0	21.0	2.3	4.5	10.0	200
3109	GÇU - 4006	Yellow	4.00 - 6.00 mm ²	M4	4.3	8.0	21.0	3.6	6.3	13.0	100
3110	GÇU - 5006	Yellow		M5	5.3	10.0	22.0	3.6	6.3	13.0	100
3111	GÇU - 6006	Yellow		M6	6.5	11.0	23.0	3.6	6.3	13.0	100
3112	GÇU - 8006	Yellow		M8	8.4	14.0	26.0	3.6	6.3	13.0	100

INSULATED BUTT CONNECTORS



Standart : DIN 46237
 Material : Copper, Tin Plating
 Isolation : PVC
 Operating Temperature : Maximum Between 75° 600Volt

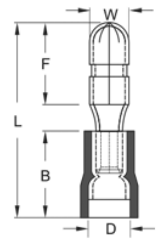


Order Code	Product Code	Color	Cable Section (mm ²)	Dimensions (mm)			Box Piece
				L	D	d1	
3201	GBY - 251	Red	0.50 - 1.50 mm ²	24.6	4.0	1.7	200
3202	GBY - 252	Blue	1.50 - 2.50 mm ²	24.6	4.5	2.3	200
3203	GBY - 256	Yellow	4.00 - 6.00 mm ²	26.5	6.3	3.4	100

INSULATED BULLET MALE DISCONNECTS



Material : Brass, Tin Plating, Copper Ferrule
 Isolation : PVC
 Operating Temperature : Maximum Between 75° 600Volt

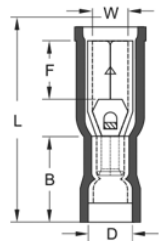


Order Code	Product Code	Color	Cable Section (mm ²)	Dimensions (mm)					Box Piece
				W	F	L	B	D	
3204	GBE - 1040	Red	0.50 - 1.50 mm ²	4.0	8.5	21.5	10.5	3.8	200
3205	GBE - 2050	Blue	1.50 - 2.50 mm ²	5.0	8.5	21.2	10.5	4.7	200
3206	GBE - 5050	Yellow	4.00 - 6.00 mm ²	5.0	8.5	24.0	13.0	6.2	200

INSULATED BULLET FEMALE DISCONNECTS



Material : Brass, Tin Plating, Copper Ferrule
 Isolation : PVC
 Operating Temperature : Maximum Between 75° 600Volt

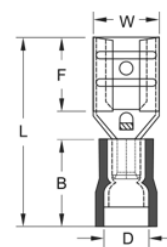


Order Code	Product Code	Color	Cable Section (mm ²)	Dimensions (mm)					Box Piece
				W	F	L	B	D	
3207	GBD - 1040	Red	0.50 - 1.50 mm ²	3.9	7.0	23.3	10.5	3.8	200
3208	GBD - 2050	Blue	1.50 - 2.50 mm ²	4.9	7.0	23.3	10.5	4.7	100
3209	GBD - 5050	Yellow	4.00 - 6.00 mm ²	4.9	7.0	25.1	12.5	6.2	100

INSULATED FEMALE DISCONNECTS



Material : Brass, Tin Plating, Copper Ferrule
 Isolation : PVC
 Operating Temperature : Maximum Between 75° 600Volt

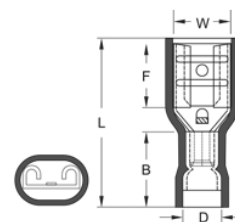


Order Code	Product Code	Color	Cable Section (mm ²)	Socket Width	Dimensions (mm)					Box Piece
					W	F	L	B	D	
3210	GFD - 1288	Red	0.50 - 1.50 mm ²	0.8 x 2.80	3.2	6.5	19.0	10.5	3.8	200
3211	GFD - 1488	Red		0.8 x 4.75	5.0	6.4	19.4	10.5	3.8	200
3212	GFD - 1638	Red		0.8 x 6.35	6.6	7.5	20.8	10.5	3.8	200
3213	GFD - 2288	Blue	1.50 - 2.50 mm ²	0.8 x 2.80	3.2	6.5	19.0	10.5	4.7	200
3214	GFD - 2488	Blue		0.8 x 4.75	5.0	6.4	19.4	10.5	4.7	200
3215	GFD - 2638	Blue		0.8 x 6.35	6.6	7.5	20.8	10.5	4.7	200
3216	GFD - 5638	Yellow	4.00 - 6.00 mm ²	0.8 x 6.35	6.6	7.5	23.3	13.0	6.2	200

FULLY INSULATED FEMALE DISCONNECTS



Material : Brass, Tin Plating, Copper Ferrule
 Isolation : PVC
 Operating Temperature : Maximum Between 75° 600Volt

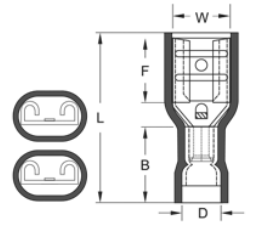


Order Code	Product Code	Color	Cable Section (mm ²)	Socket Width	Dimensions (mm)					Box Piece
					W	F	L	B	D	
3218	GFFD - 1288	Red	0.50 - 1.50 mm ²	0.8 x 2.80	3.2	6.5	19.0	10.5	3.8	200
3219	GFFD - 1488	Red		0.8 x 4.75	5.0	6.4	20.5	10.5	3.8	200
3220	GFFD - 1638	Red		0.8 x 6.35	6.6	7.5	21.8	10.5	3.8	200
3221	GFFD - 2288	Blue	1.50 - 2.50 mm ²	0.8 x 2.80	3.2	6.5	20.0	10.5	4.7	200
3222	GFFD - 2488	Blue		0.8 x 4.75	5.0	6.4	20.2	10.5	4.7	200
3223	GFFD - 2638	Blue		0.8 x 6.35	6.6	7.5	22.2	10.5	4.7	200
3224	GFFD - 5638	Yellow	4.00 - 6.00 mm ²	0.8 x 6.35	6.6	7.5	24.2	12.5	6.2	100

FULLY INSULATED POLAMIDE FEMALE DISCONNECTS



Material : Brass, Tin Plating
Isolation : Polyamide
Operating Temperature : Maximum Between 105° 600Volt

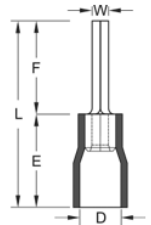


Order Code	Product Code	Color	Cable Section (mm ²)	Socket Width	Dimensions (mm)					Box Piece
					W	F	L	B	D	
3225	GPFD - 1638	Red	0.50 - 1.50 mm ²	0.8 x 6.35	6.6	7.5	21.5	11.0	4.0	200
3226	GPFD - 2638	Blue	1.50 - 2.50 mm ²	0.8 x 6.35	6.6	7.5	21.5	11.0	5.0	200
3227	GPFD - 5638	Yellow	4.00 - 6.00 mm ²	0.8 x 6.35	6.6	7.5	24.2	13.0	6.5	100

INSULATED PIN TERMINALS

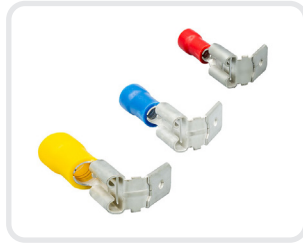


Material : Brass, Tin Plating
Isolation : PVC
Operating Temperature : Maximum Between 75° 600Volt

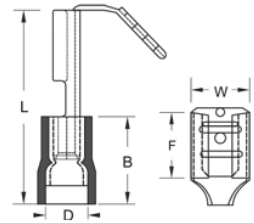


Order Code	Product Code	Color	Cable Section (mm ²)	Dimensions (mm)					Box Piece
				W	F	L	E	D	
3228	GIK - 101	Red	0.50 - 1.50 mm ²	1.9	10.0	19.0	10.0	4.0	200
3229	GIK - 102	Blue	1.50 - 2.50 mm ²	1.9	12.0	21.8	10.0	4.5	200
3230	GIK - 106	Yellow	4.00 - 6.00 mm ²	2.8	14.0	27.0	27.0	6.4	100

MALE/FEMALE INSULATED PIGGY BACK DISCONNECTS



Material : Brass, Tin Plating
Isolation : PVC
Operating Temperature : Maximum Between 75° 600Volt

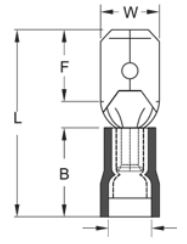


Order Code	Product Code	Color	Cable Section (mm ²)	Socket Width	Dimensions (mm)					Box Piece
					W	F	L	B	D	
3231	GFDEG - 1861	Red	0.50 - 1.50 mm ²	0.8 x 6.35	6.6	8.0	22.5	10.5	3.8	100
3232	GFDEG - 2862	Blue	1.50 - 2.50 mm ²	0.8 x 6.35	6.6	8.0	22.5	10.5	4.7	100
3233	GFDEG - 5866	Yellow	4.00 - 6.00 mm ²	0.8 x 6.35	6.6	8.0	24.0	13.0	6.2	100

INSULATED MALE DISCONNECTS



Material : Brass, Tin Plating
 Isolation : PVC
 Operating Temperature : Maximum Between 75° 600Volt

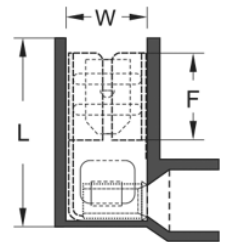


Order Code	Product Code	Color	Cable Section (mm ²)	Socket Width	Dimensions (mm)					Box Piece
					W	F	L	B	D	
3236	GFE - 1288	Red	0.50 - 1.50 mm ²	0.8 x 2.80	2.8	6.5	19.2	10.5	3.8	200
3237	GFE - 1488	Red		0.8 x 4.75	4.8	6.7	19.8	10.5	3.8	200
3238	GFE - 1638	Red		0.8 x 6.35	6.35	6.35	21.8	10.5	3.8	200
3239	GFE - 2288	Blue	1.50 - 2.50 mm ²	0.8 x 2.80	2.8	6.7	19.8	10.5	4.7	200
3240	GFE - 2488	Blue		0.8 x 4.75	4.8	6.7	19.8	10.5	4.7	200
3241	GFE - 2638	Blue		0.8 x 6.35	6.35	7.7	21.8	10.5	4.7	200
3242	GFE - 5638	Yellow	4.00 - 6.00 mm ²	0.8 x 6.35	6.35	7.7	24.8	13.0	6.2	200

FULLY INSULATED FLAG POLYAMIDE DISCONNECTS



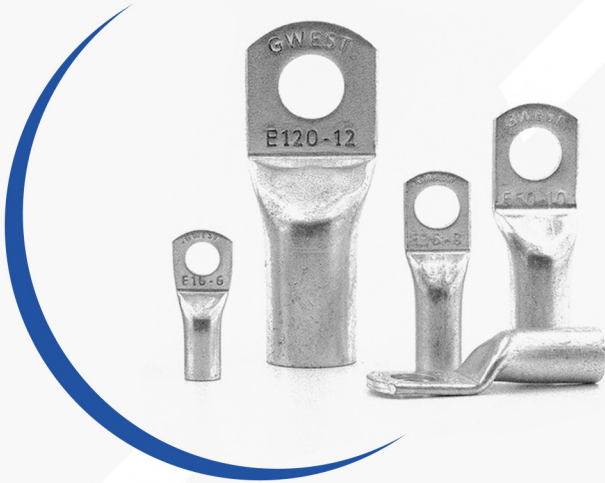
Material : Brass, Tin Plating
 Isolation : Polyamide
 Operating Temperature : Maximum Between 105° 600Volt



Order Code	Product Code	Color	Cable Section (mm ²)	Socket Width	Dimensions (mm)			Box Piece
					W	F	L	
3234	GPFDEB - 1861	Red	1.50 - 2.50 mm ²	0.8 x 6.35	6.6	7.6	16.0	100
3235	GPFDEB - 2862	Blue	1.50 - 2.50 mm ²	0.8 x 6.35	6.6	7.6	16.0	100

NON-INSULATED CORD END TERMINALS AND CONVECTORS

					
Order Code	3301	3302	3303	3305	3304
Product Code	GF1/2D	GFID MINIİ	GFID	GF3D	GF2D TRK
Decription	2.8 Micro Female Terminal	4.8 Mini Female Terminal	6.3 Female Terminal	9.5 Female Terminal	6.3 Spiked Female Terminal
Box Piece	1.000	500	300	100	300
					
Order Code	3306	3307	3320	3321	3309
Product Code	GFID CURVED	GFID E	GKN 1-03	GKN 1-04	GKN 2.5-04
Decription	6.3 Curved Female Terminal	6.3 Male Piggy Back Terminal	M3 Grounding Terminal	M4 Grounding Terminal	M4 Grounding Terminal
Box Piece	250	200	500	500	500
					
Order Code	3310	3311	3312	3313	3314
Product Code	GKN 2.5-05	GKN 2.5-06	GKN 4-04	GKN 4-05	GKN 4-06
Decription	M5 Grounding Terminal	M6 Grounding Terminal	M4 Grounding Terminal	M5 Grounding Terminal	M6 Grounding Terminal
Box Piece	500	500	250	250	250
					
Order Code	3315	3316	3318	3325	3326
Product Code	GKN 6-06	GKN 8-08	GKN 10-10	GK 2.5	GK 4
Decription	M6 Grounding Terminal	M8 Grounding Terminal	M10 Grounding Terminal	Tube Type Grounding Terminal	Tube Type Grounding Terminal
Box Piece	150	150	100	1.000	500
					
Order Code	3327	3332	3333	3341	3340
Product Code	GK 6	GFIE CK	GFIEU1	R TYPE CONNECTOR	GFID CASE
Decription	Tube Type Grounding Terminal	6.3 Male Terminal	6.3 Long Male Terminal	6.3 Locked Convector	6.3 Terminal Case
Box Piece	250	300	300	300	300



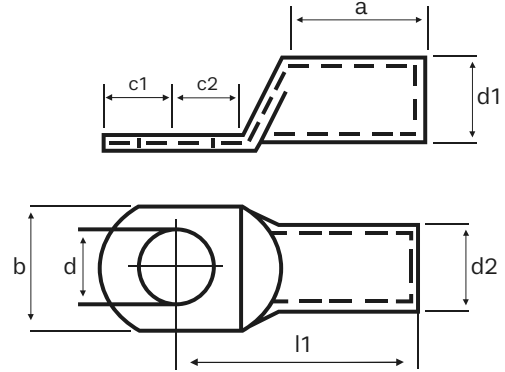
MANUFACTURES And Connection Parts

SKP Type Cable Lugs
DIN 46235 Type Cable Lug
Bimetallic (AL-CU)
Cable Lug
DIN Rails
Phase Busbars
Connecting Tubes



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SKP ECO TYPE CABLE LUG

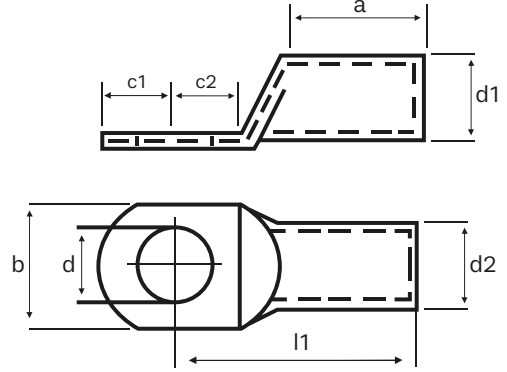
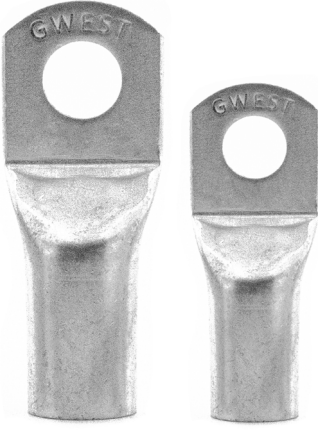


Gwest Eco Type Cable Lugs;

- It is made from copper material in EN/13600 standard
- Copper pipes are used during production to prevent breakage during the tightening process and to prevent relaxation modulus after the tightening process
- Copper with %99.9 conductivity is used in the production
- %100 Tin Platin is made in the range of 5-8 micron.

Order Code	Product Code	Cable Section (mm ²)	Bore Diameter Ø	Dimensions								Box Piece
				d	d1	d2	l1	a	b	c1	c2	
3400	SKP-E 16-6	16 mm ²	M6	6,4	5,5	7,0	24,5	11,0	10,5	5,5	6,5	500
3401	SKP-E 16-8		M8	8,3	5,5	7,0	24,5	11,0	10,5	5,5	6,5	500
3402	SKP-E 25-6	25 mm ²	M6	6,5	7,0	9,0	31,7	12,0	13,0	6,8	9,2	400
3403	SKP-E 25-8		M8	8,3	7,0	9,0	31,7	12,0	13,0	6,8	9,2	400
3404	SKP-E 35-6	35 mm ²	M6	6,5	8,5	10,5	35,2	14,0	15,5	8,3	9,7	300
3405	SKP-E 35-8		M8	8,3	8,5	10,5	35,2	14,0	15,5	8,3	9,7	300
3406	SKP-E 50-8	50 mm ²	M8	8,2	10,0	12,0	41,5	17,0	17,9	10,0	12,0	200
3407	SKP-E 50-10		M10	10,3	10,0	12,0	41,5	17,0	17,9	10,0	12,0	200
3408	SKP-E 70-10	70 mm ²	M10	10,3	11,5	14,0	45,5	18,0	20,7	10,0	12,0	100
3409	SKP-E 70-12		M12	13,0	11,5	14,0	45,5	18,0	20,7	10,0	12,0	100

SKP ECO TYPE CABLE LUG

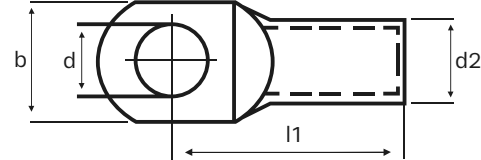
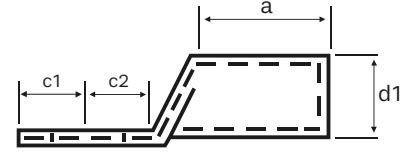


Gwest Eco Type Cable Lugs;

- It is made from copper material in EN/13600 standard
- Copper pipes are used during production to prevent breakage during the tightening process and to prevent relaxation modulus after the tightening process
- Copper with %99.9 conductivity is used in the production
- %100 Tin Platin is made in the range of 5-8 micron.

Order Code	Product Code	Cable Section (mm ²)	Bore Diameter Ø	Dimensions								Box Piece
				d	d1	d2	l1	a	b	c1	c2	
3410	SKP-E 95-10	95 mm ²	M10	10,3	13,5	16,0	48,5	21,0	23,5	10,0	12,0	75
3411	SKP-E 95-12		M12	12,8	13,5	16,0	48,5	21,0	23,5	10,0	12,0	75
3412	SKP-E 120-10	120 mm ²	M10	10,5	15,5	18,0	58,0	25,0	26,7	13,0	14,5	50
3413	SKP-E 120-12		M12	12,8	15,5	18,0	58,0	25,0	26,7	13,0	14,5	50
3414	SKP-E 150-10	150 mm ²	M10	10,5	16,5	20,0	59,5	26,0	29,2	16,5	16,5	40
3415	SKP-E 150-12		M12	12,8	16,5	20,0	59,5	26,0	29,2	16,5	16,5	40
3416	SKP-E 185-12	185 mm ²	M12	10,5	18,5	22,0	65,0	29,0	32,3	17,0	18,0	30
3417	SKP-E 185-16		M16	16,5	18,5	22,0	65,0	29,0	32,3	17,0	18,0	30
3418	SKP-E 240-12	240 mm ²	M12	13,0	21,5	25,5	74,0	33,0	37,6	17,0	18,0	25
3419	SKP-E 240-16		M16	16,5	21,5	25,5	74,0	33,0	37,6	17,0	18,0	25

SKP STANDARD TYPE CABLE LUG

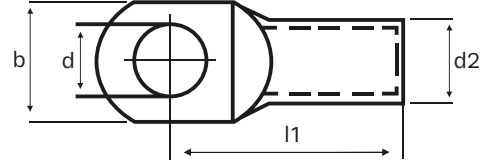
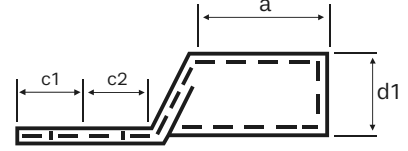
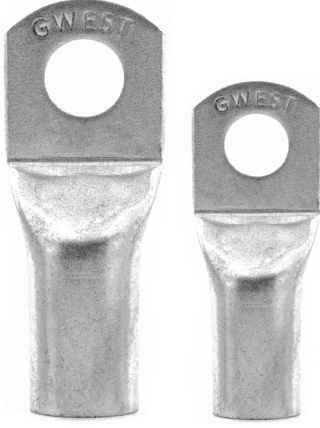


Gwest Standard Type Cable Lugs;

- It is made from copper material in EN/13600 standard
- Copper pipes are used during production to prevent breakage during the tightening process and to prevent relaxation modulus after the tightening process
- Copper with %99.9 conductivity is used in the production
- %100 Tin Platin is made in the range of 5-8 micron.

Order Code	Product Code	Cable Section (mm ²)	Bore Diameter Ø	Dimensions								Box Piece
				d	d1	d2	l1	a	b	c1	c2	
3430	SKP-S 10-5	10 mm ²	M5	5,5	4,7	6,6	22,0	10,0	10,3	5,5	7,0	1.000
3431	SKP-S 10-6		M6	6,5	4,7	6,6	22,0	10,0	10,3	5,5	7,0	1.000
3432	SKP-S 10-8		M8	8,5	4,7	6,6	23,7	10,0	13,5	6,8	8,7	1.000
3433	SKP-S 16-6	16 mm ²	M6	6,5	5,6	7,8	24,0	12,0	11,2	5,5	6,5	500
3434	SKP-S 16-8		M8	8,5	5,6	7,8	26,2	12,0	13,5	6,8	8,7	500
3435	SKP-S 16-10		M10	10,5	5,6	7,8	26,0	12,0	16,0	7,5	8,5	500
3436	SKP-S 25-6	25 mm ²	M6	6,5	7,1	9,5	32,2	16,0	13,7	6,8	9,2	400
3437	SKP-S 25-8		M8	8,5	7,1	9,5	32,2	16,0	13,7	6,8	9,2	400
3438	SKP-S 25-10		M10	10,5	7,1	9,5	34,0	16,0	16,0	8,0	11,0	300
3439	SKP-S 35-6	35 mm ²	M6	6,5	8,2	10,8	35,7	19,0	15,3	8,3	9,7	200
3440	SKP-S 35-8		M8	8,5	8,2	10,8	35,7	19,0	15,3	8,3	9,7	200
3441	SKP-S 35-10		M10	10,5	8,2	10,8	38,0	19,0	15,7	10,0	12,0	200
3391	SKP-S 35-12		M12	13,0	8,2	10,8	38,0	19,0	18,0	10,0	12,0	150
3389	SKP-S 50-6	50 mm ²	M6	6,5	10,1	13,0	39,2	21,0	18,9	8,3	9,7	150
3442	SKP-S 50-8		M8	8,5	10,1	13,0	39,2	21,0	18,9	8,3	9,7	150
3443	SKP-S 50-10		M10	10,5	10,1	13,0	41,5	21,0	18,9	10,0	12,0	150
3444	SKP-S 50-12		M12	13,0	10,1	13,0	41,5	21,0	18,9	10,0	12,0	150
3446	SKP-S 70-8	70 mm ²	M8	8,5	11,5	14,7	42,3	23,0	21,1	8,3	9,7	100
3447	SKP-S 70-10		M10	10,5	11,5	14,7	44,6	23,0	21,1	10,0	12,0	100
3448	SKP-S 70-12		M12	13,0	11,5	14,7	44,6	23,0	21,1	10,0	12,0	100
3449	SKP-S 70-14		M14	15,0	11,5	14,7	47,6	23,0	21,5	15,0	15,0	100
3392	SKP-S 70-16		M16	17,0	11,5	14,7	47,6	23,0	21,5	15,0	15,0	100

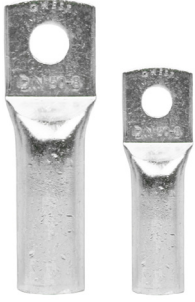
SKP STANDARD TYPE CABLE LUG



Gwest Standard Type Cable Lugs;

- It is made from copper material in EN/13600 standard
- Copper pipes are used during production to prevent breakage during the tightening process and to prevent relaxation modulus after the tightening process
- Copper with %99.9 conductivity is used in the production
- %100 Tin Platin is made in the range of 5-8 micron.

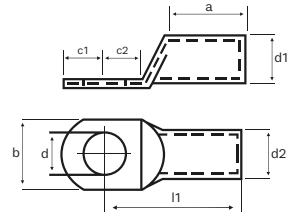
Order Code	Product Code	Cable Section (mm ²)	Bore Diameter Ø	Dimensions								Box Piece
				d	d1	d2	l1	a	b	c1	c2	
3450	SKP-S 95-8	95 mm ²	M8	8,5	13,5	16,7	48,8	26,0	24,7	10,0	12,0	75
3451	SKP-S 95-10		M10	10,5	13,5	16,7	48,8	26,0	24,7	10,0	12,0	75
3452	SKP-S 95-12		M12	13,0	13,5	16,7	48,8	26,0	24,7	10,0	12,0	75
3453	SKP-S 120-10	120 mm ²	M10	10,5	15,6	19,0	56,0	29,0	27,7	13,0	14,5	50
3454	SKP-S 120-12		M12	13,0	15,6	19,0	56,0	29,0	27,7	13,0	14,5	50
3393	SKP-S 120-14		M14	15,0	15,6	19,0	56,0	29,0	27,7	13,0	14,5	50
3455	SKP-S 120-16		M16	17,0	15,6	19,0	56,0	29,0	27,7	13,0	14,5	50
3456	SKP-S 150-10	150 mm ²	M10	10,5	16,5	21,0	60,0	30,0	30,4	16,5	16,5	40
3457	SKP-S 150-12		M12	13,0	16,5	21,0	60,0	30,0	30,4	16,5	16,5	40
3394	SKP-S 150-14		M14	15,0	16,5	21,0	60,0	30,0	30,4	16,5	16,5	40
3458	SKP-S 150-16		M16	17,0	16,5	21,0	60,0	30,0	30,4	16,5	16,5	40
3395	SKP-S 185-10	185 mm ²	M10	10,5	18,4	23,0	65,5	33,0	34,2	17,0	18,0	30
3459	SKP-S 185-12		M12	13,0	18,4	23,0	65,5	33,0	34,2	17,0	18,0	30
3396	SKP-S 185-14		M14	15,0	18,4	23,0	65,5	33,0	34,2	17,0	18,0	30
3460	SKP-S 185-16		M16	17,0	18,4	23,0	65,5	33,0	34,2	17,0	18,0	30
3397	SKP-S 240-10	240 mm ²	M10	10,5	21,0	26,0	72,0	38,0	38,7	17,0	18,0	25
3461	SKP-S 240-12		M12	13,0	21,0	26,0	72,0	38,0	38,7	17,0	18,0	25
3398	SKP-S 240-14		M14	15,0	21,0	26,0	72,0	38,0	38,7	17,0	18,0	25
3462	SKP-S 240-16		M16	17,0	21,0	26,0	72,0	38,0	38,7	17,0	18,0	25
3399	SKP-S 300-12	300 mm ²	M12	13,0	23,4	28,6	77,0	41,0	42,6	18,0	18,0	20
3463	SKP-S 300-14		M14	15,0	23,4	28,6	77,0	41,0	42,6	18,0	18,0	20
3464	SKP-S 300-16		M16	17,0	23,4	28,6	77,0	41,0	42,6	18,0	18,0	20



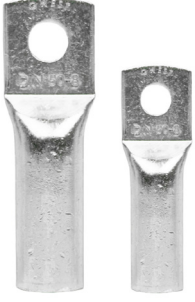
DIN 46235 TYPE CABLE LUG



- It is made of copper material in EN/13600 standards.
- Annealed copper tubes are used during production to prevent breakage during tightening and loosening after tightening.
- Copper with 99.9% conductivity is used in production.
- 100% Tin plating is performed in the range of 5-8 Micron.



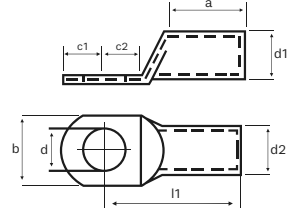
Order Code	Product Code	Cable Section (mm ²)	Bore Diameter Ø	Dimensions								Box Piece
				d	d1	d2	l1	a	b	c1	c2	
7000	SKP-D 10-5	10 mm ²	M5	5,3	4,5	7,0	27,0	10,0	9,0	7,0	8,5	500
7001	SKP-D 10-6		M6	6,4	4,5	7,0	27,0	10,0	9,0	7,5	8,5	500
7002	SKP-D 16-6	16 mm ²	M6	6,4	5,5	8,5	36,0	20,0	13,0	7,5	8,0	250
7003	SKP-D 16-8		M8	8,4	5,5	8,5	36,0	20,0	13,0	10,0	10,0	250
7004	SKP-D 16-10		M10	10,5	5,5	8,5	36,0	20,0	17,0	12,0	12,0	250
7005	SKP-D 25-6	25 mm ²	M6	6,4	7,0	10,0	38,0	20,0	14,0	7,5	8,0	200
7006	SKP-D 25-8		M8	8,4	7,0	10,0	38,0	20,0	16,0	10,0	10,0	200
7007	SKP-D 25-10		M10	10,5	7,0	10,0	38,0	20,0	17,0	12,0	12,0	200
7008	SKP-D 25-12		M12	13,0	7,0	10,0	38,0	20,0	19,0	13,0	13,0	200
7009	SKP-D 35-8	35 mm ²	M8	8,4	8,2	12,5	42,0	20,0	17,0	10,0	10,0	120
7010	SKP-D 35-10		M10	10,5	8,2	12,5	42,0	20,0	19,0	12,0	12,0	120
7011	SKP-D 35-12		M12	13,0	8,2	12,5	42,0	20,0	21,0	13,0	13,0	120
7012	SKP-D 50-8	50 mm ²	M8	8,4	10,0	14,5	52,0	28,0	20,0	10,0	10,0	65
7013	SKP-D 50-10		M10	10,5	10,0	14,5	52,0	28,0	22,0	12,0	12,0	65
7014	SKP-D 50-12		M12	13,0	10,0	14,5	52,0	28,0	24,0	13,0	13,0	65
7015	SKP-D 50-16		M16	17,0	10,0	14,5	52,0	28,0	28,0	16,0	16,0	65
7016	SKP-D 70-8	70 mm ²	M8	8,4	11,5	16,5	55,0	28,0	24,0	10,0	10,0	50
7017	SKP-D 70-10		M10	10,5	11,5	16,5	55,0	28,0	24,0	12,0	12,0	50
7018	SKP-D 70-12		M12	13,0	11,5	16,5	55,0	28,0	24,0	13,0	13,0	50
7019	SKP-D 70-16		M16	17,0	11,5	16,5	55,0	28,0	30,0	16,0	16,0	50



DIN 46235 TYPE CABLE LUG



- It is made of copper material in EN/13600 standards.
- Annealed copper tubes are used during production to prevent breakage during tightening and loosening after tightening.
- Copper with 99.9% conductivity is used in production.
- 100% Tin plating is performed in the range of 5-8 Micron.



Order Code	Product Code	Cable Section (mm ²)	Bore Diameter Ø	Dimensions								Box Piece
				d	d1	d2	l1	a	b	c1	c2	
7020	SKP-D 95-10	95 mm ²	M10	10,5	13,5	19,0	65,0	35,0	28,0	12,0	12,0	30
7021	SKP-D 95-12		M12	13,0	13,5	19,0	65,0	35,0	28,0	13,0	13,0	30
7022	SKP-D 95-16		M16	17,0	13,5	19,0	65,0	35,0	32,0	16,0	16,0	30
7023	SKP-D 120-10	120 mm ²	M10	10,5	15,5	21,0	70,0	35,0	32,0	15,0	16,0	25
7024	SKP-D 120-12		M12	13,0	15,5	21,0	70,0	35,0	32,0	16,0	17,0	25
7025	SKP-D 120-16		M16	17,0	15,5	21,0	70,0	35,0	32,0	19,0	20,0	25
7026	SKP-D 120-20		M20	21,0	15,5	21,0	70,0	35,0	38,0	21,0	22,0	25
7027	SKP-D 150-10	150 mm ²	M10	10,5	17,0	23,5	78,0	35,0	34,0	15,0	16,0	20
7028	SKP-D 150-12		M12	13,0	17,0	23,5	78,0	35,0	34,0	16,0	17,0	20
7029	SKP-D 150-16		M16	17,0	17,0	23,5	78,0	35,0	34,0	19,0	20,0	20
7030	SKP-D 150-20		M20	21,0	17,0	23,5	78,0	35,0	40,0	21,0	22,0	20
7031	SKP-D 185-10	185 mm ²	M10	10,5	19,0	25,5	82,0	40,0	37,0	15,0	16,0	15
7032	SKP-D 185-12		M12	13,0	19,0	25,5	82,0	40,0	37,0	16,0	17,0	15
7033	SKP-D 185-16		M16	17,0	19,0	25,5	82,0	40,0	37,0	19,0	20,0	15
7034	SKP-D 185-20		M20	21,0	19,0	25,5	82,0	40,0	40,0	21,0	22,0	15
7035	SKP-D 240-12	240 mm ²	M12	13,0	21,5	29,0	92,0	40,0	42,0	16,0	17,0	10
7036	SKP-D 240-16		M16	17,0	21,5	29,0	92,0	40,0	42,0	19,0	20,0	10
7037	SKP-D 240-20		M20	21,0	21,5	29,0	92,0	40,0	45,0	21,0	22,0	10
7038	SKP-D 300-16	300 mm ²	M16	17,0	24,5	32,0	100,0	50,0	48,0	19,0	22,0	10
7039	SKP-D 300-20		M20	21,0	24,5	32,0	100,0	50,0	48,0	22,0	22,0	10



BIMETALLIC (AL-CU) CABLE LUG

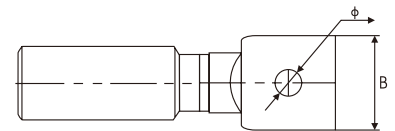
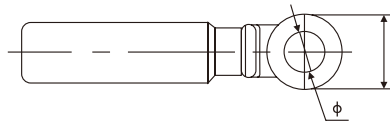
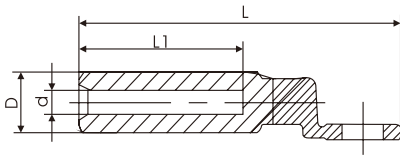
Technical Specifications

Conductive Material

Material : 99.9% Aluminum and Copper
Tensile Strength : 110MPa
Operating Temperature: - 40°C --- +100°C



Order Code	Product Code	Cable Section (mm ²)	Bore Diameter Ø	Dimensions					Box Piece	Carton Piece
				d	D	II	L	B		
7050	SKP-BM 16-10	16 mm ²	M10	6	16	41	82	24	100	600
7051	SKP-BM 25-10	25 mm ²	M10	7	16	41	82	24	100	600
7052	SKP-BM 35-10	35 mm ²	M10	8,5	16	41	82	24	100	600
7053	SKP-BM 50-12	50 mm ²	M12	9,8	20	49	90	25	50	300
7054	SKP-BM 70-12	70 mm ²	M12	11,6	20	49	90	25	50	300
7055	SKP-BM 95-12	95 mm ²	M12	13,8	20	49	90	25	50	300
7056	SKP-BM 120-12	120 mm ²	M12	15,5	25	60	113	28	30	180
7057	SKP-BM 150-12	150 mm ²	M12	17	25	60	113	28	30	180
7058	SKP-BM 185-12	185 mm ²	M12	18,5	32	65	130	35	20	120
7059	SKP-BM 240-12	240 mm ²	M12	21,5	32	65	130	35	20	120
7060	SKP-BM 300-12	300 mm ²	M12	24	34	70,8	135	36	15	90
7061	SKP-BM 400-16	400 mm ²	M16	26	34	70,8	135	36	9	54



Açıklama

Bimetallic cable lugs are a type of cable lug used in the connection of aluminum conductors to copper terminals of power cables and electrical equipment in distribution equipment. The aluminum and copper used are electrolytic and have very good conductivity.



CONNECTING TUBES

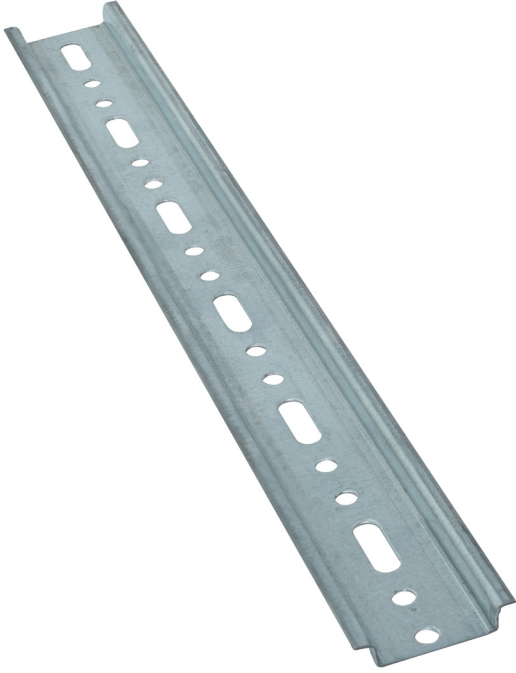


Gwest Connecting Tubes;

- It is made from copper material in EN/13600 standard
- Copper pipes are used during production to prevent breakage during the tightening process and to prevent relaxation modulus after the tightening process
- Copper with %99.9 conductivity is used in the production
- %100 Tin Platin is made in the range of 5-8 micron.

Order Code	Product Code	Cable Section (mm ²)	Dimensions			Box Piece
			A	B	C	
3465	EKMUF - 10	10	4.7	6.6	30.0	1.000
3466	EKMUF - 16	16	5.5	7.0	35.0	500
3467	EKMUF - 25	25	7.0	9.0	40.0	300
3468	EKMUF - 35	35	8.5	10.5	45.0	200
3469	EKMUF - 50	50	10.0	12.0	50.0	100
3470	EKMUF - 70	70	11.5	14.0	55.0	75
3471	EKMUF - 95	95	13.5	16.0	60.0	50
3472	EKMUF - 120	120	15.5	18.0	65.0	50
3473	EKMUF - 150	150	16.5	20.0	70.0	30
3474	EKMUF - 185	185	18.5	22.0	75.0	25
3475	EKMUF - 240	240	21.5	25.5	85.0	20
3492	EKMUF - 300	300	23.5	28.5	100.0	15

PERFORATED DIN RAIL

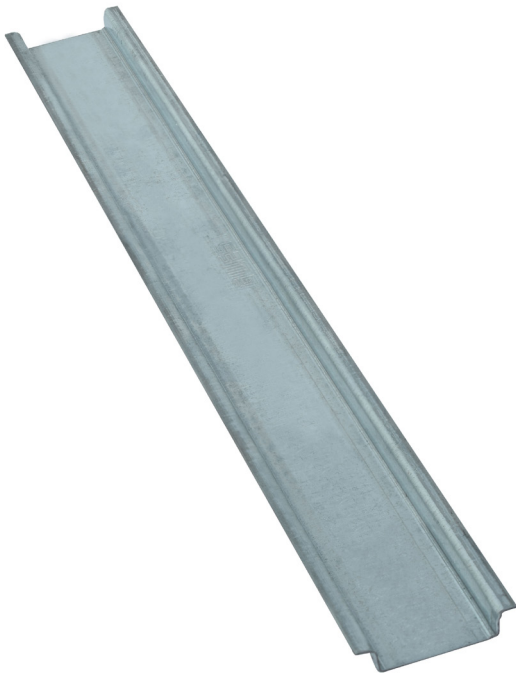


Malzeme : Galvanized Coating
Outside Width : 35mm
Inside Width : 27mm
Depth : 7,5mm



Order Code	Product Code	Height	Box Piece
3494	GW - MR 030	30 cm	150
3495	GW - MR 1	1 m	50
3496	GW - MR 2	2 m	30

UNPERFORATED DIN RAIL

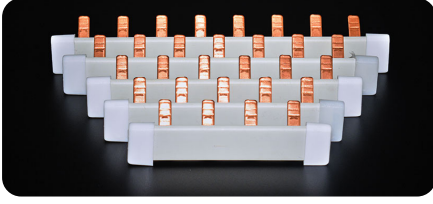


Malzeme : Galvanized Coating
Outside Width : 35mm
Inside Width : 27mm
Depth : 7,5mm



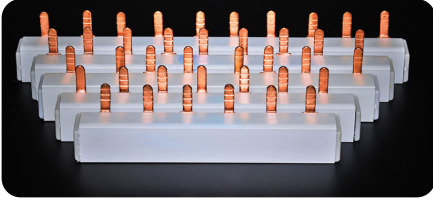
Order Code	Product Code	Height	Box Piece
3497	GW - MRD030	30 cm	150
3498	GW - MRD 1	1 m	50
3499	GW - MRD 2	2 m	30

MONO PHASE BUSBAR



Order Code	Product Code	Copper Thickness	Length	Module	Ampere	Box Piece
3599	M - 5308	0.8 mm	53 cm	30 For Automat	63 A	60
3600	M - 10608	0.8 mm	106 cm	60 For Automat	63 A	60
3601	M - 531	1 mm	53 cm	30 For Automat	80 A	60
3602	M - 1061	1 mm	106 cm	60 For Automat	80 A	60
3603	M - 5315	1.5 mm	53 cm	30 For Automat	100 A	60
3604	M - 10615	1.5 mm	106 cm	60 For Automat	100 A	60

THREE PHASE BUSBAR

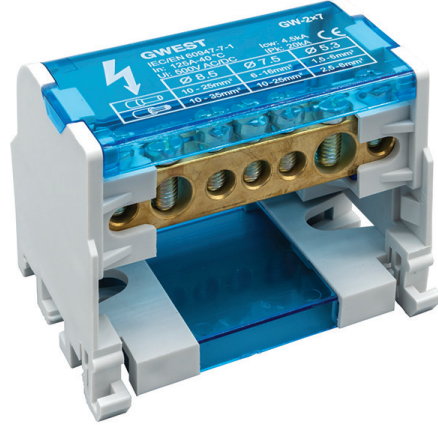


Order Code	Product Code	Copper Thickness	Length	Module	Ampere	Box Piece
3632	T - 5308	0.8 mm	53 cm	10 For Automat	63 A	24
3633	T - 10608	0.8 mm	106 cm	20 For Automat	63 A	24
3608	T - 531	1 mm	53 cm	10 For Automat	80 A	24
3609	T - 1061	1 mm	106 cm	20 For Automat	80 A	24
3613	T - 5315	1,5 mm	53 cm	10 For Automat	100 A	24
3614	T - 10615	1,5 mm	106 cm	20 For Automat	100 A	24
3627	Gwest - KAP			Mono Phase Busbar Cover		
3628	Gwest - KAP			Three Phase Busbar Cover		

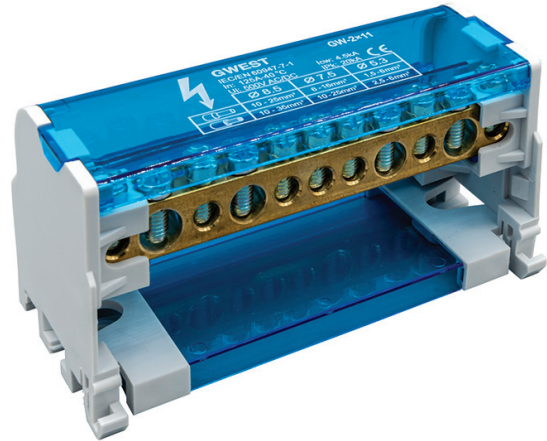
CUT TO SIZE ACCORDING TO YOUR DEMAND

2 POLE DISTRIBUTION BLOCKS

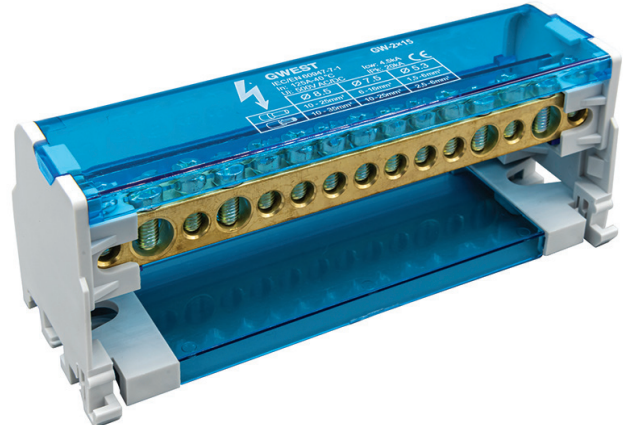
Order Code	3701	
Product Code	GW - 2x7	
Current	125 Ampere	
Cable Type	Single-Core	Multi-Core
Cable Section (mm ²)	Input	Output
	1x10-35 mm ²	1x10-25 mm ² 5x2,5-6 mm ²
	1x10-16 mm ²	1x6-16 mm ² 5x1,5-6 mm ²
Packing Piece	Package	Carton
	1	138



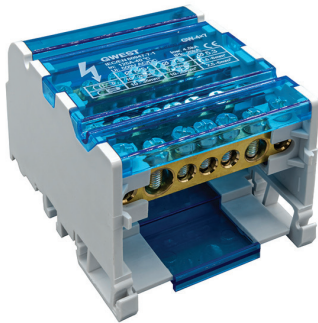
Order Code	3702	
Product Code	GW - 2x11	
Current	125 Ampere	
Cable Type	Single-Core	Multi-Core
Cable Section (mm ²)	Input	Output
	2x10-35 mm ²	2x10-25 mm ² 7x2,5-6 mm ²
	2x10-16 mm ²	2x6-16 mm ² 7x1,5-6 mm ²
Packing Piece	Package	Carton
	1	84



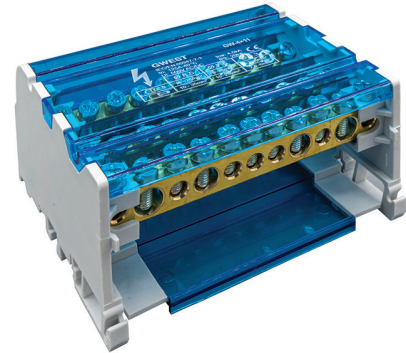
Order Code	3703	
Product Code	GW - 2x15	
Current	125 Ampere	
Cable Type	Single-Core	Multi-Core
Cable Section (mm ²)	Input	Output
	2x10-35 mm ²	2x10-25 mm ² 11x2,5-6 mm ²
	2x10-16 mm ²	2x6-16 mm ² 11x1,5-6 mm ²
Packing Piece	Package	Carton
	1	72



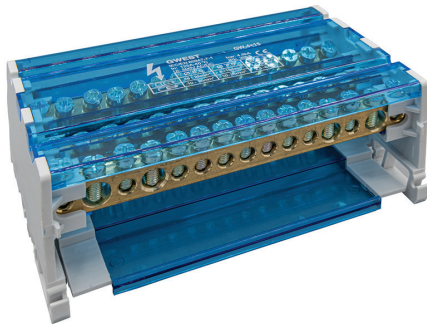
4 POLE DISTRIBUTION BLOCKS



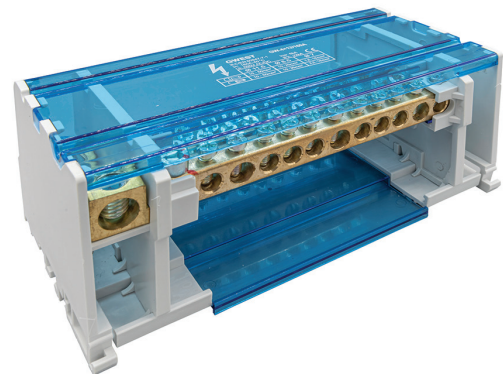
Order Code	3704	
Product Code	GW - 4x7	
Current	125 Ampere	
Cable Type	Single-Core	Multi-Core
Cable Section (mm ²)	Input	Output
	1x10-35 mm ²	1x10-25 mm ² 5x2,5-6 mm ²
	1x10-16 mm ²	1x6-16 mm ² 5x1,5-6 mm ²
Packing Piece	Package	Carton
	1	74



Order Code	3705	
Product Code	GW - 4x11	
Current	125 Ampere	
Cable Type	Single-Core	Multi-Core
Cable Section (mm ²)	Input	Output
	2x10-35 mm ²	2x10-25 mm ² 7x2,5-6 mm ²
	2x10-16 mm ²	2x6-16 mm ² 7x1,5-6 mm ²
Packing Piece	Package	Carton
	1	50



Order Code	3706	
Product Code	GW - 4x15	
Current	125 Ampere	
Cable Type	Single-Core	Multi-Core
Cable Section (mm ²)	Input	Output
	2x10-35 mm ²	2x10-25 mm ² 11x2,5-6 mm ²
	2x10-16 mm ²	2x6-16 mm ² 11x1,5-6 mm ²
Packing Piece	Package	Carton
	1	40



Order Code	3707	
Product Code	GW - 4x12/160A	
Current	160 Ampere	
Cable Type	Single-Core	Multi-Core
Cable Section (mm ²)	Input	Output
	1x10-50 mm ²	3x10-35 mm ² 8x2,5-16 mm ²
	1x10-50 mm ²	3x6-25 mm ² 8x1,5-16 mm ²
Packing Piece	Package	Carton
	1	18

1 POLE DISTRIBUTION BLOCKS

Order Code	3708	
Product Code	GW - 80A	
Current	80 Ampere	
Cable Section (mm ²)	Input	Output
	1x10-16 mm ²	4X2,5-6 mm ² 2x2,5-16 mm ²
Packing Piece	Package	Carton
	5	250



Order Code	3709	
Product Code	GW - 125A	
Current	125 Ampere	
Cable Section (mm ²)	Input	Output
	1x10-35 mm ²	6x2,5-16 mm ² Köprü 1x6-16 mm ²
Packing Piece	Package	Carton
	5	160



Order Code	3710	
Product Code	GW - 160A	
Current	160 Ampere	
Cable Section (mm ²)	Input	Output
	1x10-70 mm ²	6x2,5-16 mm ² Köprü 1x6-16 mm ²
Packing Piece	Package	Carton
	5	160



1 POLE DISTRIBUTION BLOCKS

Order Code	3711	
Product Code	GW - 250A	
Current	250 Ampere	
Cable Section (mm ²)	Input	Output
	1x35-120 mm ²	4x2,5-10 mm ² 5x2,5-16 mm ² 2x6-35 mm ²
Packing Piece	Package	Koli
	3	54



Order Code	3712	
Product Code	GW - 400A	
Current	400 Ampere	
Cable Section (mm ²)	Input	Output
	1x95-185 mm ²	4x2,5-10 mm ² 5x2,5-16 mm ² 2x6-35 mm ²
Packing Piece	Package	Carton
	3	54



Order Code	3713	
Product Code	GW - 500A	
Current	500 Ampere	
Cable Section (mm ²)	Input	Output
	8x24 mm ²	4x2,5-10 mm ² 5x2,5-16 mm ² 2x6-35 mm ²
Packing Piece	Package	Carton
	3	54





COMPACT CONNECTORS

Push Wire And All Purpose



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PUSH-WIRE CONNECTORS

	Order Code	Product Code	Color	Cable Section	Dimensions			Packing Piece	
					Width	Length	Height	Package	Carton
	3501	GW 2,5 - 2	White	0,50 - 2,5 mm ²	9.8	16.4	5.8	200	10.000
	3502	GW 2,5 - 3	Orange	0,50 - 2,5 mm ²	13.9	16.4	5.8	200	10.000
	3503	GW 2,5 - 4	Red	0,50 - 2,5 mm ²	17.9	16.4	5.8	100	5.000
	3504	GW 2,5 - 5	Yellow	0,50 - 2,5 mm ²	21.9	16.4	5.8	100	5.000
	3505	GW 2,5 - 6	Red	0,50 - 2,5 mm ²	13.8	16.4	11.25	100	5.000
	3506	GW 2,5 - 8	Grey	0,50 - 2,5 mm ²	17.8	16.4	11.25	100	5.000
Operating Temperature: -30°C + 100°C Normal Current : 24A Nominal Voltage : 250V									

ALL-PURPOSE CONNECTORS

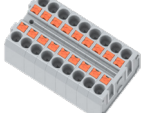
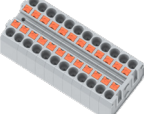
	Order Code	Product Code	Cable Section	Description	Packing Piece	
					Package	Carton
	3507	GW - 412	0,20 - 4,0 mm ²	2 Conductive Coupling	100	5.000
	3508	GW - 413	0,20 - 4,0 mm ²	3 Conductive Coupling	100	5.000
	3509	GW - 414	0,20 - 4,0 mm ²	4 Conductive Coupling	50	2.500
	3510	GW - 415	0,20 - 4,0 mm ²	5 Conductive Coupling	50	2.500
Operating Temperature: -40°C + 105°C Normal Current : 24A Nominal Voltage : 250V						

RAIL MOUNTED CONNECTORS

	Order Code	Product Code	Single Wire Cable Section mm²	Multi Wire Cable Section mm²	Packing Piece	
					Package	Carton
	3511	GW-4F	0.5-4mm² 20-12AWG	0.5-2.5mm² 20-14AWG	40	2000
	3512	GW-6F	0.5-6mm² 20-10AWG	0.5-4mm² 20-12AWG	36	1800

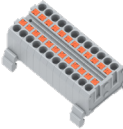
Operating Temperature: -40°C + 105°C
Normal Current : 32A - 40A
Nominal Voltage : 450V

(2.5mm²) DISTRIBUTION BLOCK

	Order Code	Product Code	Cable Section mm²	Packing Piece	
				Package	Carton
	3513	GW C2.5-6	0.5-2.5mm² 20-14AWG	30	1500
	3514	GW C2.5-8	0.5-2.5mm² 20-14AWG	18	900
	3515	GW C2.5-10	0.5-2.5mm² 20-14AWG	18	900
	3516	GW C2.5-12	0.5-2.5mm² 20-14AWG	25	1250
	3517	GW C2.5-18	0.5-2.5mm² 20-14AWG	12	600
	3518	GW C2.5-24	0.5-2.5mm² 20-14AWG	10	500

Operating Temperature: -40°C + 105°C
Normal Current : 32A
Nominal Voltage : 450V

(2.5mm²) RAIL MOUNTED DISTRIBUTION BLOCK

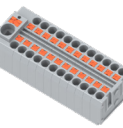
	Order Code	Product Code	Cable Section mm ²	Packing Piece	
				Package	Carton
	3519	GW C2.5-12A	0.5-2.5mm ² 20-14AWG	15	750
	3520	GW C2.5-18A	0.5-2.5mm ² 20-14AWG	8	400
	3521	GW C2.5-24A	0.5-2.5mm ² 20-14AWG	8	400

Operating Temperature: -40°C + 105°C

Normal Current : 32A

Nominal Voltage : 450V

6mm² DISTRIBUTION BLOCK WITH FEED IN (2.5mm²)

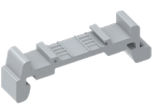
	Order Code	Product Code	Supply Input Cable Section mm ²	Cable Section mm ²	Packing Piece	
					Package	Carton
	3522	GW6 S2.5-6	0.5-6mm ² 20-10AWG	0.5-2.5mm ² 20-14AWG	18	900
	3523	GW6 S2.5-12	0.5-6mm ² 20-10AWG	0.5-2.5mm ² 20-14AWG	12	600
	3524	GW6 S2.5-18	0.5-6mm ² 20-12AWG	0.5-2.5mm ² 20-14AWG	8	400
	3525	GW6 S2.5-24	0.5-6mm ² 20-12AWG	0.5-2.5mm ² 20-14AWG	8	400

Operating Temperature: -40°C + 105°C

Normal Current : 32A

Nominal Voltage : 450V

RAIL MOUNTING BRACKET

	Order Code	Product Code	Product Description	Packing Piece	
				Package	Carton
	3526	GW-RA	Rail Mounting Bracket	1000	5000



HEAT SHRINKABLE TUBE

And Pet Sleeve



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HEAT SHRINKABLE BLACK TUBES

TECHNICAL SPECIFICATIONS



Material : Poliolefin Contraction Ratio : 2/1 Voltage: 600V Incombustibility : Self extinguishing Operating Temperature : -45°C -- +125°C

Order Code	Size		Before Contraction (mm)		After Contraction (mm)		Spool / Mt.	Carton Quantity
	Inch	mm	Inner Diameter	Wall Thickness	Inner Diameter	Wall Thickness		
4015	—	1	2,0 ± 0,3	0,16 ± 0,05	0,70	0,30 ± 0,05	200	3.200
4016	—	1,5	2,0 ± 0,3	0,16 ± 0,05	0,80	0,30 ± 0,05	200	2.400
4017	—	2	2,5 ± 0,3	0,16 ± 0,05	1,00	0,35 ± 0,05	200	3.000
4003	3/32	2,4	3,0 ± 0,3	0,16 ± 0,05	1,50	0,35 ± 0,05	200	3.000
4018	—	2,5	3,0 ± 0,3	0,16 ± 0,05	1,25	0,38 ± 0,05	200	2.600
4019	—	3	3,5 ± 0,4	0,20 ± 0,05	1,50	0,38 ± 0,05	200	2.200
4004	1/8	3,2	3,5 ± 0,4	0,20 ± 0,05	1,75	0,40 ± 0,05	200	2.200
4020	—	3,5	4,0 ± 0,4	0,20 ± 0,05	1,75	0,40 ± 0,05	200	1.800
4021	—	4	4,5 ± 0,4	0,20 ± 0,05	2,00	0,45 ± 0,05	200	1.400
4022	—	4,5	4,8 ± 0,4	0,20 ± 0,05	2,00	0,47 ± 0,08	200	1.200
4005	3/16	4,8	5,2 ± 0,4	0,20 ± 0,05	2,60	0,47 ± 0,08	200	1.200
4023	—	5	5,5 ± 0,4	0,20 ± 0,05	2,50	0,55 ± 0,08	200	1000
4024	—	6	6,5 ± 0,4	0,22 ± 0,05	3,00	0,55 ± 0,08	200	800
4006	1/4	6,4	7,0 ± 0,4	0,28 ± 0,05	3,50	0,55 ± 0,08	200	800
4025	—	7	7,5 ± 0,4	0,28 ± 0,05	3,50	0,60 ± 0,08	100	500
4026	—	8	8,5 ± 0,4	0,30 ± 0,08	4,00	0,60 ± 0,08	100	1.300
4007	3/8	9,5	10,0 ± 0,5	0,30 ± 0,08	5,00	0,60 ± 0,08	100	1.200
4028	—	10	10,0 ± 0,5	0,30 ± 0,08	5,00	0,60 ± 0,08	100	1.100
4008	1/2	12,7	13,0 ± 0,5	0,33 ± 0,10	6,50	0,65 ± 0,08	100	1.000
4031	—	13	13,5 ± 0,5	0,33 ± 0,10	6,50	0,65 ± 0,08	100	900
4032	—	14	14,5 ± 0,5	0,33 ± 0,10	7,00	0,70 ± 0,08	100	900
4034	4/5	16	16,5 ± 0,6	0,35 ± 0,12	8,00	0,75 ± 0,08	100	800
4036	—	18	19,0 ± 0,6	0,40 ± 0,15	9,00	0,80 ± 0,15	100	700
4009	3/4	19,1	20,5 ± 0,6	0,40 ± 0,15	10,00	0,80 ± 0,15	100	700
4038	—	20	20,5 ± 0,6	0,40 ± 0,15	10,00	0,80 ± 0,15	100	600
4039	—	22	22,5 ± 0,7	0,45 ± 0,15	12,00	0,95 ± 0,15	100	600
4010	1	25,4	25,6 ± 0,7	0,45 ± 0,15	12,00	0,95 ± 0,15	50	300
4040	—	30	31,5 ± 0,7	0,50 ± 0,15	15,00	0,95 ± 0,15	50	250
4011	1 - 1/4	32	33,0 ± 0,7	0,50 ± 0,15	16,50	0,95 ± 0,15	50	250
4041	—	35	38,0 ± 0,7	0,50 ± 0,15	16,00	1,00 ± 0,15	50	200
4012	1 - 1/2	38	40,0 ± 0,7	0,50 ± 0,15	20,00	1,00 ± 0,15	50	200
4042	—	40	40,5 ± 0,7	0,50 ± 0,15	20,00	1,00 ± 0,15	50	200
4013	2	51	52,5 ± 0,7	0,50 ± 0,15	25,00	1,00 ± 0,15	25	125
4043	—	60	60,5 ± 0,8	0,52 ± 0,15	30,00	1,00 ± 0,16	25	100
4044	—	70	70,5 ± 1,0	0,55 ± 0,15	40,00	1,10 ± 0,18	25	75
4045	—	80	82,0 ± 1,0	0,55 ± 0,15	40,00	1,10 ± 0,18	25	75
4050	—	90	90,0 ± 1,0	0,55 ± 0,15	45,00	1,10 ± 0,18	25	50
4046	4	102	105,0 ± 1,0	0,55 ± 0,15	51,00	1,10 ± 0,18	25	50
4047	—	120	120,0 ± 1,0	0,55 ± 0,15	60,00	1,10 ± 0,18	25	50
4048	—	150	150,0 ± 1,0	0,55 ± 0,15	76,00	1,10 ± 0,18	25	50
4049	—	180	180,0 ± 1,0	0,55 ± 0,15	90,00	1,10 ± 0,18	25	25

HEAT SHRINKABLE COLORED TUBES

CLEAR - WHITE - RED - BLUE - YELLOW - GREEN - GREY

Size		Order Code							Spool / Mt.	Carton Quantity
Inch	mm	CLEAR	WHITE	RED	BLUE	YELLOW	GREEN	GREY		
—	1,5	4201	4289	4219	4237	4254	4272	4306	200	3.200
—	2,5	4202	4290	4220	4238	4256	4273	4307	200	2.600
1/8	3,2	4203	4291	4221	4239	4257	4274	4308	200	2.200
—	3,5	—	4292	—	—	4258	—	—	200	1.800
Yassı	3,5	—	4395	—	—	4390	—	—	100	1.600
3/16	4,8	4204	4293	4222	4240	4259	4275	4309	100	1.000
Yassı	4,8	—	4396	—	—	4391	—	—	100	1.500
1/4	6,4	4205	4294	4224	4241	4260	4276	4310	100	700
Yassı	6,4	—	4397	—	—	4392	—	—	100	1.500
Yassı	7	—	4398	—	—	4393	—	—	100	1.400
3/8	9,5	4206	4295	4226	4242	4261	4278	4311	100	1.200
—	13	4208	4296	4227	4243	4262	4279	4312	100	900
4/5	16	4209	4297	4228	4244	4263	4280	4313	100	800
—	20	4210	4298	4229	4245	4264	4281	4314	100	600
1	25,4	4211	4299	4230	4246	4265	4282	4315	50	300
1 - 1/4	32	4212	4300	4231	4247	4266	4283	4316	50	250
1 - 1/2	38	4213	4301	4232	4248	4267	4284	4317	50	200
2	51	4214	4302	4233	4249	4268	4285	4318	25	125
—	60	4215	4303	4234	4250	4269	4286	4319	25	100
—	80	4216	4304	4235	4251	4270	4287	4320	25	75
4	102	4217	4305	4236	4252	4271	4288	4321	25	50



TECHNICAL SPECIFICATIONS

- Material : Poliolefin
- Contraction Ratio : 2/1
- Incombustibility : Self-extinguishing
- Operating Temperature : -45°C -- +125°C
- Voltage : 600V



HEAT SHRINKABLE COLORED TUBES

BROWN

Order Code	Size		Before Contraction (mm)		After Contraction (mm)		Spool / Mt.	Carton Quantity
	Inch	mm	Inner Diameter	Wall Thickness	Inner Diameter	Wall Thickness		
4322	—	1,5	2,0 ± 0,3	0,16 ± 0,05	0,80	0,30 ± 0,05	200	3.200
4323	—	2,5	3,0 ± 0,3	0,16 ± 0,05	1,25	0,38 ± 0,05	200	2.600
4324	1/8	3,2	3,5 ± 0,4	0,20 ± 0,05	1,75	0,40 ± 0,05	200	2.200
4325	3/16	4,8	5,2 ± 0,4	0,20 ± 0,05	2,60	0,47 ± 0,08	100	1.000
4326	1/4	6,4	7,0 ± 0,4	0,28 ± 0,05	3,50	0,55 ± 0,08	100	700
4327	3/8	9,5	10,0 ± 0,5	0,30 ± 0,08	5,00	0,60 ± 0,08	100	1.200
4328	—	13	13,5 ± 0,5	0,33 ± 0,10	6,50	0,65 ± 0,08	100	900
4329	4/5	16	16,5 ± 0,6	0,35 ± 0,12	8,00	0,75 ± 0,08	100	800
4330	—	20	20,5 ± 0,6	0,40 ± 0,15	10,00	0,80 ± 0,15	100	600
4331	1	25,4	25,6 ± 0,7	0,45 ± 0,15	12,00	0,95 ± 0,15	50	300
4332	1 - 1/4	32	33,0 ± 0,7	0,50 ± 0,15	16,50	0,95 ± 0,15	50	250
4333	1 - 1/2	38	40,0 ± 0,7	0,50 ± 0,15	20,00	1,00 ± 0,15	50	200
4334	2	51	52,5 ± 0,7	0,50 ± 0,15	25,00	1,00 ± 0,15	25	125
4335	—	60	60,5 ± 0,8	0,52 ± 0,15	30,00	1,00 ± 0,16	25	100
4336	—	80	82,0 ± 1,0	0,55 ± 0,15	40,00	1,10 ± 0,18	25	75
4337	4	102	105,0 ± 1,0	0,55 ± 0,15	51,00	1,10 ± 0,18	25	50



TECHNICAL SPECIFICATIONS

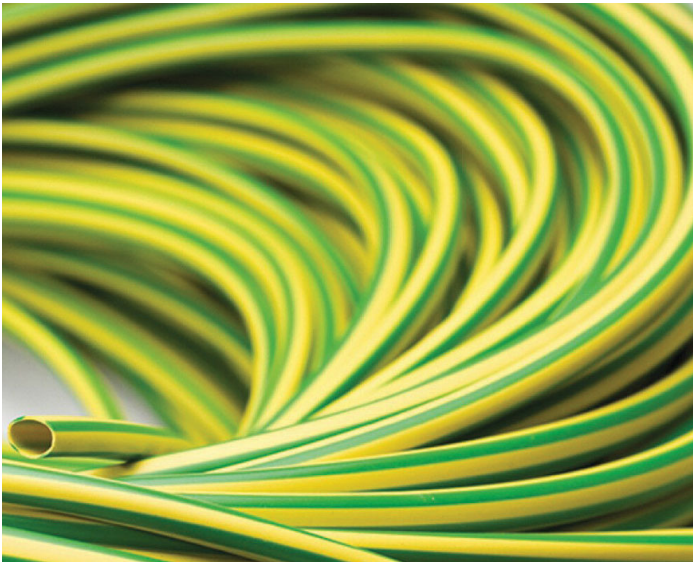
- Material : Poliolefin
- Contraction Ratio : 2/1
- Incombustibility : Self-extinguishing
- Operating Temperature : -45°C -- +125°C
- Voltage : 600V



HEAT SHRINKABLE COLORED TUBES

YELLOW GREEN

Order Code	Size		Before Contraction (mm)		After Contraction (mm)		Spool / Mt.	Carton Quantity
	Inch	mm	Inner Diameter	Wall Thickness	Inner Diameter	Wall Thickness		
4102	3/32	2,4	3,0 ± 0,3	0,16 ± 0,05	1,50	0,35 ± 0,05	200	3.000
4103	1/8	3,2	3,5 ± 0,4	0,20 ± 0,05	1,75	0,40 ± 0,05	200	2.200
4104	3/16	4,8	5,2 ± 0,4	0,20 ± 0,05	2,60	0,47 ± 0,08	100	1.000
4105	1/4	6,4	7,0 ± 0,4	0,28 ± 0,05	3,50	0,55 ± 0,08	100	700
4106	3/8	9,5	10,0 ± 0,5	0,30 ± 0,08	5,00	0,60 ± 0,08	100	1.200
4107	—	13	13,5 ± 0,5	0,33 ± 0,10	6,50	0,65 ± 0,08	100	900
4108	4/5	16	16,5 ± 0,6	0,35 ± 0,12	8,00	0,75 ± 0,08	100	800
4109	—	20	20,5 ± 0,6	0,40 ± 0,15	10,00	0,80 ± 0,15	100	600
4110	1	25,4	25,6 ± 0,7	0,45 ± 0,15	12,00	0,95 ± 0,15	50	300
4111	1 - 1/4	32	33,0 ± 0,7	0,50 ± 0,15	16,50	0,95 ± 0,15	50	250
4112	1 - 1/2	38	40,0 ± 0,7	0,50 ± 0,15	20,00	1,00 ± 0,15	50	200
4113	2	51	52,5 ± 0,7	0,50 ± 0,15	25,00	1,00 ± 0,15	50	125
4114	—	60	60,5 ± 0,8	0,52 ± 0,15	30,00	1,00 ± 0,16	25	100
4115	—	80	82,0 ± 1,0	0,55 ± 0,15	40,00	1,10 ± 0,18	25	75
4116	4	102	105,0 ± 1,0	0,55 ± 0,15	51,00	1,10 ± 0,18	25	50



TECHNICAL SPECIFICATIONS

- Malzeme : Poliolefin
- Contraction Ratio : 2/1
- Incombustibility : Self-extinguishing
- Operating Temperature : -45°C -- +125°C
- Voltage: 600V



DUAL WALL HEAT SHRINKABLE TUBES

Order Code	Size (mm)	Before Contraction (mm)	After Contraction (mm)			Spool / Mt.	Carton Quantity
		Inner Diameter	Maximum Inner Diameter	Nominal Wall Thickness	Nominal Sticky		
4418	3/1	3.2	1.00	0.90 ± 0.30	0.50	200	1800
4419	4.8/1.6	4.8	1.60	1.05 ± 0.30	0.50	100	900
4420	6/2	6.4	2.20	1.25 ± 0.30	0.50	100	600
4421	9/3	9.5	3.20	1.45 ± 0.30	0.60	50	300
4422	12.7/4	12.7	4.20	1.65 ± 0.30	0.60	25	250
4424	16/5	16.0	5.20	1.80 ± 0.30	0.60	25	225
4423	19/6	19.1	6.30	1.95 ± 0.30	0.60	25	175
4405	12/4	12.0	4.00	1.40 ± 0.20	0.80	1.20 Length	250
4406	16/5	16.0	5.00	1.50 ± 0.20	0.80	1.20 Length	250
4407	19/6	19.0	6.00	1.80 ± 0.20	0.80	1.20 Length	150
4408	28/9	28.0	9.00	2.40 ± 0.30	1.05	1.20 Length	110
4409	33/10	33.0	10.00	2.50 ± 0.30	1.05	1.20 Length	100
4410	40/12	40.0	12.00	2.40 ± 0.30	1.05	1.20 Length	70
4411	45/14	45.0	14.00	2.40 ± 0.30	1.05	1.20 Length	60
4412	55/16	55.0	18.00	2.40 ± 0.30	1.05	1.20 Length	50
4414	70/25	70.0	25.00	2.90 ± 0.30	1.35	1.20 Length	32
4415	90/30	90.0	30.00	3.00 ± 0.30	1.35	1.20 Length	24
4416	125/40	125.0	40.00	3.00 ± 0.30	1.35	1.20 Length	20



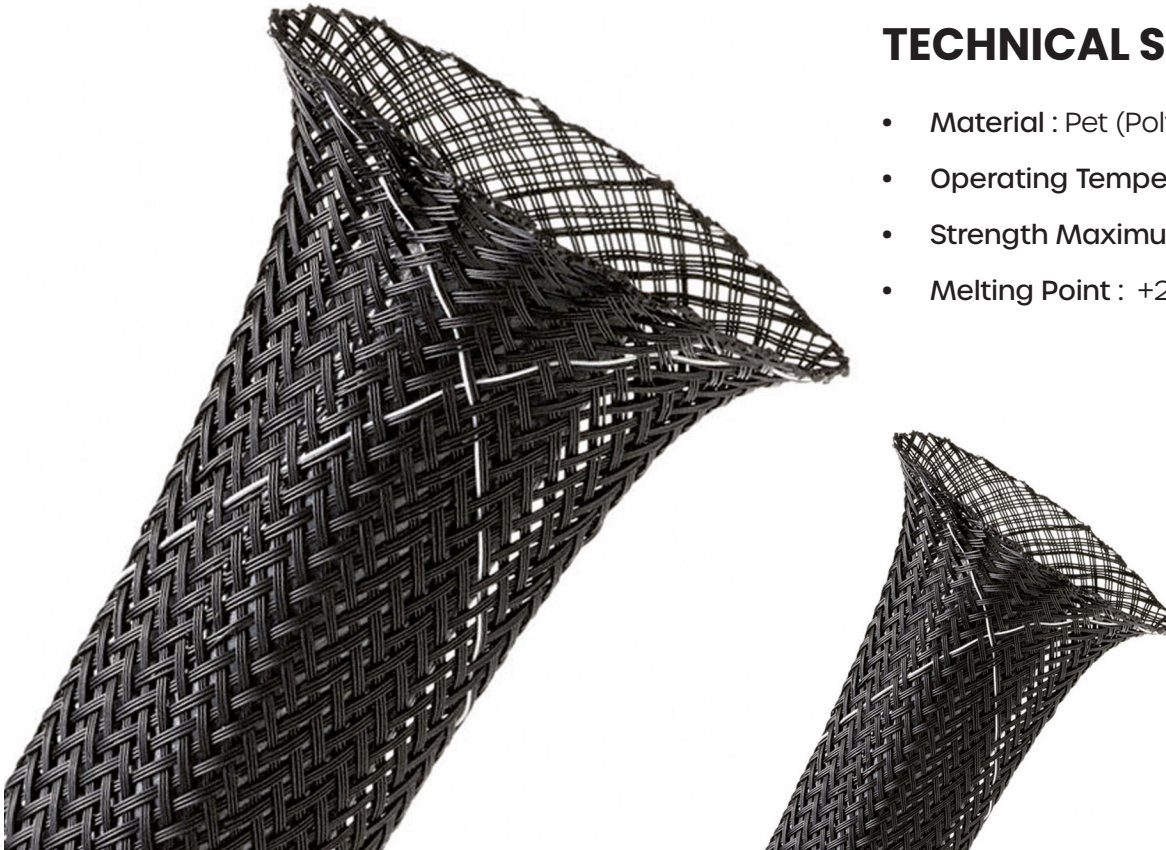
TECHNICAL SPECIFICATIONS

- Material : Poliolefin
- Contraction Ratio : 3/1
- Incombustibility : Self-extinguishing
- Operating Temperature : -45°C -- +125°C
- Voltage : 600V



PET BRAIDED SLEEVE

Order Code	Size	Color	Stretch Range		Spool / Mt.
			Min (mm)	Max (mm)	
4501	3 mm	Black	1	6	100
4502	6 mm	Black	3	9	100
4503	8 mm	Black	5	16	100
4504	10 mm	Black	7	19	100
4505	12 mm	Black	8	24	100
4506	15 mm	Black	10	27	100
4507	20 mm	Black	14	30	100
4508	25 mm	Black	18	35	100
4509	30 mm	Black	20	50	50
4510	40 mm	Black	30	60	50
4511	50 mm	Black	40	80	25



TECHNICAL SPECIFICATIONS

- Material : Pet (Polyester)
- Operating Temperature : -50°C -- +150°C
- Strength Maximum Level : 220 °C
- Melting Point : +250 °C

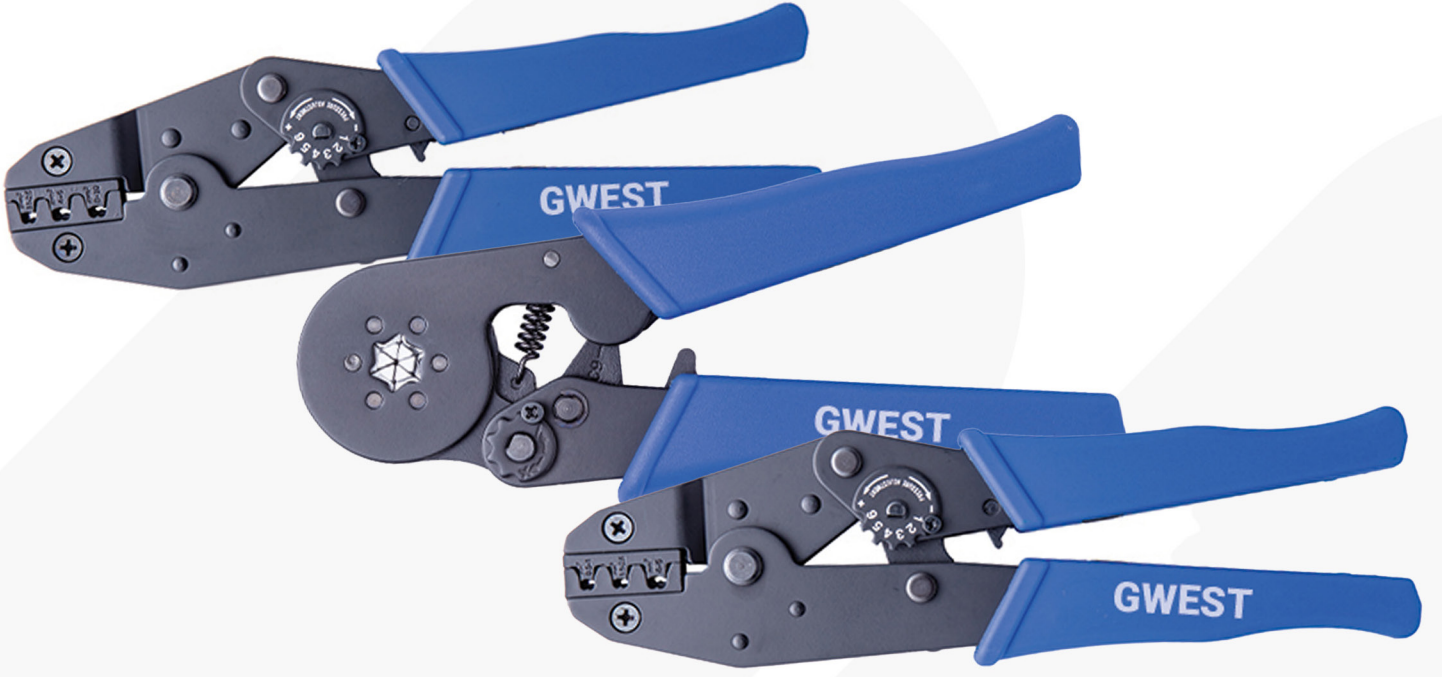
H CLASS SLICONE RESIN FIBERGLASS TUBES

Order Code	Size	Color	Spool / Mt.	Carton Quantity
4703	2 mm	Red	200	4.000
4705	3 mm	Red	100	2.500
4706	4 mm	Red	100	1.500
4707	5 mm	Red	100	1.200
4708	6 mm	Red	100	1.000
4709	7 mm	Red	100	800
4710	8 mm	Red	50	500
4711	10 mm	Red	50	500
4712	12 mm	Red	50	500
4713	14 mm	Red	50	500
4714	16 mm	Red	25	500
4715	18 mm	Red	25	400
4716	20 mm	Red	25	400
4717	25 mm	Red	25	250
4718	30 mm	Red	25	200
4719	35 mm	Red	25	200



TECHNICAL SPEFICATIONS

- **Material :** Silicon Isolated Fiberglass Tubes
- **Short Term Operating Temperature**
: -60 °C -- +250 °C
- **Long Term Operating Temperature :**
-40 °C -- +200 °C



HAND TOOLS

Mechanical and Hydraulic



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CRIMPING TOOLS FOR FERRULE

Order Code: 5026

Product Code: GW - B4

0.25 - 6 mm² Ferrule Crimping Tools

Order Code: 5006

Product Code: GW - 6

6 - 16 mm² Ferrule Crimping Tools

Order Code: 5005

Product Code: GW- 5

0.50 - 6 mm² Ferrule Crimping Tools

Order Code: 5008

Product Code: GW - 8

0.08 - 6 mm² Ferrule Crimping Tools (4 Corner)

Order Code: 5009

Product Code: GW - 9

0.08 - 6 mm² Ferrule Crimping Tools (6 Corner)

Order Code: 5015

Product Code: GW - 17

25 - 35 mm² Ferrule Crimping Tools

CLIPPING TOOLS FOR NON-INSULATED CORD END TERMINALS AND CONVECTORS

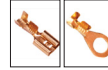
Order Code: 5021

Product Code: GW - 11

 0.50 - 6 mm² Non-Insulated Terminal Clipping Tool


Order Code: 5022

Product Code: GW - 12

 1.00 - 10 mm² Non-Insulated Terminal Clipping Tool


Order Code: 5013

Product Code: GW - 13

28 - 22 / 24 -18 (Molex) Convector Clipping Too (AWG)



CLIPPING TOOLS FOR INSULATED CORD END TERMINALS AND CONVECTOR

Order Code: 5016

Product Code: GW - 1

 0.50 - 6 mm² Insulated Cord End Terminals Crimping Tool


Order Code: 5017

Product Code: GW - 7

 0.50 - 6 mm² Insulated Cord End Terminals Crimping Tool


MULTI FUNCTIONAL CRIMPING TOOLS FOR FERRULE AND CORD END

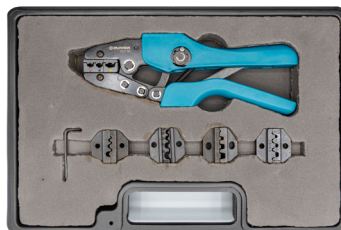
Order Code: 5070

Product Code: T03C - 5D

Set Included Bag

Set Contents

GW - 5 ... Ferrule Crimping 0.5 - 6 mm
 GW - 6 ... Ferrule Crimping 6 - 16 mm
 GW - 1 ... Cable End Crimping 0.5 - 6 mm
 GW - 11 ... Non-insulated Cord Crimping 1 - 4mm
 GW - T8 ... Welded Lug Crimping 0.5 - 10mm



WIRE STRIPPING TOOL

Order Code: 5028

Product Code: GW - 318

0.50 - 6 mm² Wire Stripping Tool

CRIMPING TOOLS FOR CABLE TIES

Order Code: 5054

Product Code: TG - 008

.2 - 4.8 mm² Cable Ties Crimping Tools

Order Code: 5056

Product Code: TG - 011

4.6 - 12 mm² Steel Cable Ties Crimping Tools

CRIMPING TOOLS FOR CABLE LUGS

Order Code: 5018	Product Code: GW - T8
1.5 - 10 mm ² Cable Lug Crimping Tool	
	
	

Order Code: 5019	Product Code: GW - T9
10 - 16 mm ² Cable Lug Crimping Tool	
	
	

HİDROLİK KABLO PABUCU SIKMA PENSELERİ

Order Code: 5052	Product Code: YQK 70
10 - 70 mm ² Cable Lug Hydraulic Crimping Tools (Set with Bag)	
	
	

Order Code: 5050	Product Code: YYQ 120
10 - 120 mm ² Cable Lug Hydraulic Crimping Tools (Set with Bag)	
	
	

Order Code: 5051	Product Code: YQK 300
16 - 300 mm ² Cable Lug Hydraulic Crimping Tools (Set with Bag)	
	
	

CABLE CUTTER TOOLS

Order Code: 5040

Product Code: CC- 60

60 mm² Cable Cutter Tools

Order Code: 5041

Product Code: TC- 100

120 mm² Cable Cutter Tools

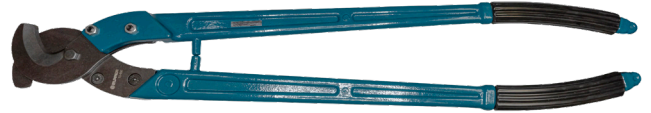
Order Code: 5042

Product Code: TC- 250

250 mm² Cable Cutter Tools

Order Code: 5044

Product Code: TC - 500

630 mm² Cable Cutter Tools

Order Code: 5067

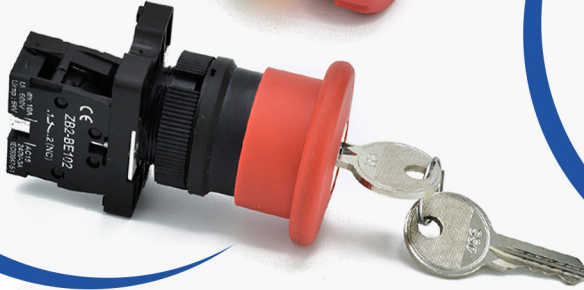
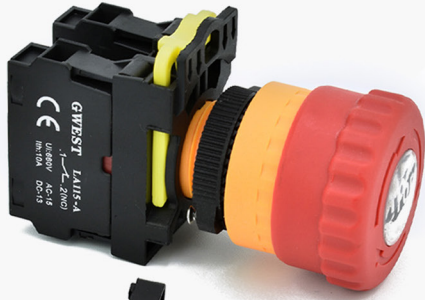
Product Code: TCR- 325

325 mm² Copper and Aluminium Cable Cutter Tools

Order Code: 5069

Product Code: ZCR - 52

500 mm² Mutl Wire Cable Cutter Tools



BUTTON SERIES

Ve Accessories



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Ø 22mm BUTTON SERIES

SPRING-LOADED PUSH BUTTON

	Order Code	Product Code	Contact	Description	Color	Box Piece	Carton Piece
	6001	A5 - 10	1NO	Spring-Loaded Push Button	 Green	10	300
	6002	A5 - 01	1NC	Spring-Loaded Push Button	 Red	10	300
	6003	A5 - 11	1NO	Spring-Loaded Push Button	 Yellow	10	300
	6004	A5 - 21	1NO	Spring-Loaded Push Button	 Blue	10	300
	6005	A5 - 31	1NO	Spring-Loaded Push Button	 White	10	300
	6006	A5 - 41	1NO	Spring-Loaded Push Button	 Black	10	300

MARKED SPRING-LOADED PUSH BUTTONS

	6007	A5 - 10/1	1NO	Marked Spring Loaded Button		10	300
	6008	A5 - 01/2	1NC	Marked Spring Loaded Button		10	300
	6009	A5 - 10/3	1NO	Marked Spring Loaded Button		10	300
	6010	A5 - 10/4	1NO	Marked Spring Loaded Button		10	300

ILLIMINATED SPRING-LOADED PUSH BUTTONS

	6011	A5 - 10D	1NO	Illuminated Spring-Loaded Push Button 220V AC/DC	 Green	10	300
	6012	A5 - 01D	1NC		 Red	10	300
	6013	A5 - 11D	1NO		 Yellow	10	300
	6014	A5 - 21D	1NO		 Blue	10	300
	6015	A5 - 31D	1NO		 White	10	300
	6016	A5 - 10D-110	1NO	Illuminated Spring-Loaded Push Button 110V AC/DC	 Green	10	300
	6017	A5 - 01D-110	1NC		 Red	10	300
	6018	A5 - 11D-110	1NO		 Yellow	10	300
	6019	A5 - 21D-110	1NO		 Blue	10	300
	6020	A5 - 31D-110	1NO		 White	10	300
	6021	A5 - 10D-24	1NO	Illuminated Spring-Loaded Push Button 24V AC/DC	 Green	10	300
	6022	A5 - 01D-24	1NC		 Red	10	300
	6023	A5 - 11D-24	1NO		 Yellow	10	300
	6024	A5 - 21D-24	1NO		 Blue	10	300
	6025	A5 - 31D-24	1NO		 White	10	300

Ø 22mm BUTTON SERIES

PERMANENT LATCH BUTTON

	Order Code	Product Code	Contact	Description		Box Piece	Carton Piece
	6027	A5 - 10X	1NO	0 -1 Latch Button		10	300
	6028	A5 - 20XS	2NO	1-0-2 Latch Button		10	300

SLIDE LATCH BUTTONS

	Order Code	Product Code	Contact	Description		Box Piece	Carton Piece
	6029	A5 - 10X/FU	1NO	0 -1 Latch Button		10	300
	6030	A5 - 20XS/FU	2NO	1-0-2 Latch Button		10	300

PERMANENT-SLIDE LATCH BUTTONS

	Order Code	Product Code	Contact	Description		Box Piece	Carton Piece
	6026	A5 - 20XS/F	2NO	1-0-2 Latch Button Right Position Permanent Left Position Permanent		10	300

KEY-OPERATED BUTTONS

	Order Code	Product Code	Contact	Description		Box Piece	Carton Piece
	6049	A5 - 10Y	1NO	0 -1 Key-Operated Button		10	300
	6050	A5 - 20YS	2NO	1-0-2 Key-Operated Button		10	300

Ø 22mm BUTTON SERIES

ILLUMINATED PERMANENT LATCH BUTTONS

	Order Code	Product Code	Contact	Description	Color	Box Piece	Carton Piece
	6031	A5 - 10XD	1NO	 0-1 Illuminated Latch Button 220V AC/DC	Green	10	300
	6032	A5 - 01XD	1NC		Red	10	300
	6033	A5 - 11XD	1NO	 0-1 Illuminated Latch Button 24V AC/DC	Yellow	10	300
	6043	A5 - 10XD-24	1NO		Green	10	300
	6044	A5 - 01XD-24	1NC	 0-1 Illuminated Latch Button 24V AC/DC	Red	10	300
	6045	A5 - 11XD-24	1NO		Yellow	10	300
	6034	A5 - 20XSD	2NO	 1-0-2 Illuminated Latch Button 220V AC/DC	Green	10	300
	6035	A5 - 02XSD	2NC		Red	10	300
	6036	A5 - 21XSD	2NO	 1-0-2 Illuminated Latch Button 24V AC/DC	Yellow	10	300
	6046	A5 - 20XSD-24	2NO		Green	10	300
	6047	A5 - 02XSD-24	2NC	 1-0-2 Illuminated Latch Button 24V AC/DC	Red	10	300
	6048	A5 - 21XSD-24	2NO		Yellow	10	300

Ø 22mm BUTTON SERIES

40mm PERMANENT MUSHROOM BUTONS

	Order Code	Product Code	Contact	Description	Color	Box Piece	Carton Piece
	6054	A5 - 01ZS	1NC	Stop Mushroom Button	● Red	10	300

40mm PERMANENT KEY-OPERATED MUSHROOM BUTTONS

	Order Code	Product Code	Contact	Description	Color	Box Piece	Carton Piece
	6075	BZ - 01ZA	1NC	Key-Operated Stop Mushroom Button	● Red	10	300

40mm SLIDE MUSHROOM BUTTONS

	6051	A5 - 01M	1NC	Stop Mushroom Button	● Red	10	300
	6052	A5 - 10M	1NO	Stop Mushroom Button	● Green	10	300
	6053	A5 - 41M	1NO	Stop Mushroom Button	● Black	10	300

TWIN BUTTONS

	6059	A5 - 11R	1NO+1NC	Twin Button	 Green - Red	10	300
	6062	A5 - 11RD	1NO+1NC	Illiminated Twin Button 220V AC/DC	 Red - Green	10	300
	6061	A5 - 11RD-110	1NO+1NC	Illiminated Twin Button 110V AC/DC	 Red - Green	10	300
	6060	A5 - 11RD-24	1NO+1NC	Illiminated Twin Button 24V AC/DC	 Red - Green	10	300

Ø 22mm BUTTON SERIES ACCESSORIES

	Order Code	Product Code	Description	Box Piece
	6101	A - 10	1NO Start Contact	250
	6102	A - 01	1NC Stop Contact	250
	6103	A - D2	BA9S Led Switch Housing (For Button)	200
	6104	FC	Pylastic Button Tag	100
	6105	FD/60	60mm Emergency Stop Label	100
	6106	EC5-1	Emergency Stop Button Protection Cover	20
	6107	FH	Button Protection Cover	4
	6108	BK	Button Protection Case	100

EMPTY CONTROL BOXES

	Order Code	Product Code	Description	Color	Box Piece	Carton Piece
	6114	GBK - 1	Empty Control Box of 1	Yellow - Black	1	100
	6116	GBK - 2	Empty Control Box of 2	Yellow - Black	1	100
	6118	GBK - 3	Empty Control Box of 3	Yellow - Black	1	100
	6120	GBK - 4	Empty Control Box of 4	Yellow - Black	1	50
	6122	GBK - 5	Empty Control Box of 5	Yellow - Black	1	50
	6124	GBK - 6	Empty Control Box of 6	Yellow - Black	1	50

BOXED EMERGENCY BUTTONS

	Order Code	Product Code	Contact	Description	Color	Box Piece	Carton Piece
	6125	LAY2 - KSE542	NC	Mushroom Emergency Stop Button of 1	Yellow - Black	1	100

CRANE CONTROL

CRANE CONTROL

	Order Code	Product Code	Description	Box Piece	Carton Piece
	6701	VK - 2	Crane Remote Control 2 Single Speed	1	72
	6702	VK - 4	Crane Remote Control 4 Single Speed	1	48
	6703	VK - 6	Crane Remote Control 6 Single Speed	1	42
	6704	VK - 8	Crane Remote Control 8 Single Speed	1	36

CRANE CONTROLS WITH EMERGENCY BUTTON

	Order Code	Product Code	Description	Box Piece	Carton Piece
	6705	VKB - 3	Crane Remote Control 3 Single Speed	1	50
	6706	VKB - 5	Crane Remote Control 5 Single Speed	1	40
	6707	VKB - 7	Crane Remote Control 7 Single Speed	1	30
	6708	VKB - 9	Crane Remote Control 9 Single Speed	1	20

Ø 22mm VOLTMETER

    	Order Code	Product Code	Diameter (mm)	Description	Color	Box Piece	Carton Piece
	6501	22 VS - K	22	24 - 550V Led Voltmeter	● Red	10	500
	6502	22 VS - Y	22	24 - 550V Led Voltmeter	● Green	10	500
	6503	22 VS - S	22	24 - 550V Led Voltmeter	● Yellow	10	500
	6504	22 VS - M	22	24 - 550V Led Voltmeter	● Blue	10	500
	6505	22 VS - B	22	24 - 550V Led Voltmeter	○ White	10	500

Ø 22mm AMMETER

    	Order Code	Product Code	Diameter (mm)	Description	Color	Box Piece	Carton Piece
	6511	22 AS -K	22	0 - 100A Led Ammeter Current Transformer	● Red	10	300
	6512	22 AS -Y	22	0 - 100A Led Ammeter Current Transformer	● Green	10	300
	6513	22 AS -S	22	0 - 100A Led Ammeter Current Transformer	● Yellow	10	300
	6514	22 AS - M	22	0 - 100A Led Ammeter Current Transformer	● Blue	10	300
	6515	22 AS -B	22	0 - 100A Led Ammeter Current Transformer	○ White	10	300

Ø 22mm LED SIGNALS



Order Code	Product Code	Diameter (mm)	Description	Color	Box Piece	Carton Piece
6601	22 - K	22	Led Signal 220V. AC-DC	Red	10	500
6602	22 - Y	22		Green	10	500
6603	22 - S	22		Yellow	10	500
6604	22 - M	22		Blue	10	500
6605	22 - B	22		White	10	500
6606	22 - 110V - K	22	Led Signal 110V. AC-DC	Red	10	500
6607	22 - 110V - Y	22		Green	10	500
6608	22 - 110V - S	22		Yellow	10	500
6609	22 - 110V - M	22		Blue	10	500
6610	22 - 110V - B	22		White	10	500
6611	22 - 24V - K	22	Led Signal 24V. AC-DC	Red	10	500
6612	22 - 24V - Y	22		Green	10	500
6613	22 - 24V - S	22		Yellow	10	500
6614	22 - 24V - M	22		Blue	10	500
6615	22 - 24V - B	22		White	10	500

Ø 16mm LED SIGNALS



Order Code	Product Code	Diameter (mm)	Description	Color	Box Piece	Carton Piece
6621	16 - K	16	Led Signal 220V. AC-DC	Red	20	1.000
6622	16 - Y	16		Green	20	1.000
6623	16 - S	16		Yellow	20	1.000
6624	16 - M	16		Blue	20	1.000
6625	16 - B	16		White	20	1.000
6631	16 - 24V - K	16	Led Signal 24V. AC-DC	Red	20	1.000
6632	16 - 24V - Y	16		Green	20	1.000
6633	16 - 24V - S	16		Yellow	20	1.000
6634	16 - 24V - M	16		Blue	20	1.000
6635	16 - 24V - B	16		White	20	1.000

BA9S LED LAMPS



Order Code	Product Code	Description	Color	Box Piece	Carton Piece
6521	BA9SC - K	Led Lamps 220V. AC-DC	Red	50	4.000
6522	BA9SC - Y		Green	50	4.000
6523	BA9SC - S		Yellow	50	4.000
6524	BA9SC - M		Blue	50	4.000
6525	BA9SC - B		White	50	4.000
6526	BA9SC - 110V - K	Led Lamps 110V. AC-DC	Red	50	4.000
6527	BA9SC - 110V - Y		Green	50	4.000
6528	BA9SC - 110V - S		Yellow	50	4.000
6529	BA9SC - 110V - M		Blue	50	4.000
6530	BA9SC - 110V - B		White	50	4.000
6531	BA9SC - 24V - K	Led Lamps 24V. AC-DC	Red	50	4.000
6532	BA9SC - 24V - Y		Green	50	4.000
6533	BA9SC - 24V - S		Yellow	50	4.000
6534	BA9SC - 24V - M		Blue	50	4.000
6535	BA9SC - 24V - B		White	50	4.000

BUZZERS

Ø 22mm LED BUZZERS (90dB)



Order Code	Product Code	Diameter (mm)	Description	Color	Box Piece	Carton Piece
6640	22DS/MS	22	Voiced Led Flasher Warning 220V. AC	Red	10	500
6641	22DS/MS24	22	Voiced Led Flasher Warning 24V. AC	Red	10	500

ENGINE-DRIVEN SIREN



Order Code	Product Code	Description	Box Piece	Carton Piece
6651	MS - 190	75mm Metal Body 20V. AC (110 - 130dB)	1	40
6652	MS - 190 - 24	75mm Metal Body 24V. DC (110 - 130dB)	1	40

THERMOSTAT FOR INSIDE THE BOARD

Working Life : 100.000 Opening-Closing
Dimensions : 60x33x43
Weight : 40 gr
Protection Level : IP20



Order Code	Product Code	Contact	Description And Operating Temperature	Box Piece	Carton Piece
6682	KTO - 011	NC	Heating Thermostat (0 - 60°C)	1	200
6681	KTS - 011	NO	Cooling Thermostat (0 - 60°C)	1	200

Ø 22mm POTENTIOMETER



Order Code	6665
Product Code	APT22 - 5K
Diameter (mm)	22
Box Piece	10
Carton Piece	500
Description	5K Potentiometer Single Turn 220V. AC



Order Code	6666
Product Code	APT22 - 10K
Diameter (mm)	22
Box Piece	10
Carton Piece	500
Description	10K Potentiometer Single Turn 220V. AC

AKS SERIES DOOR SWITCHES



Order Code	Product Code	Contact	Description	Box Piece	Carton Piece
6825	AKS - 10	NO	Open Contact Door Switch	50	500
6826	AKS - 01	NC	Close Contact Door Switch	50	500



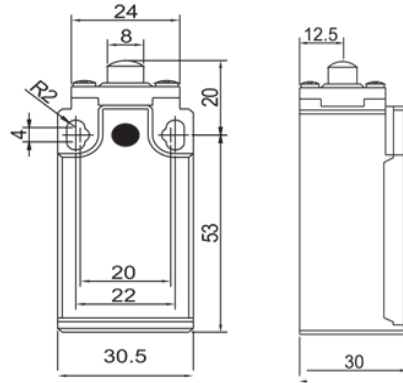
SWITCH GROUP

GLS - AZ - GMS Series

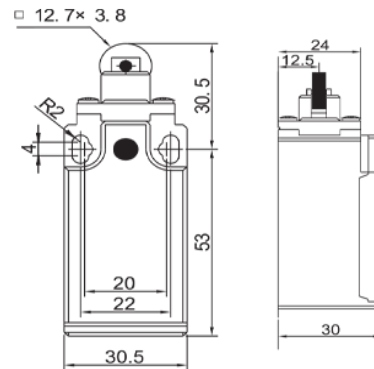


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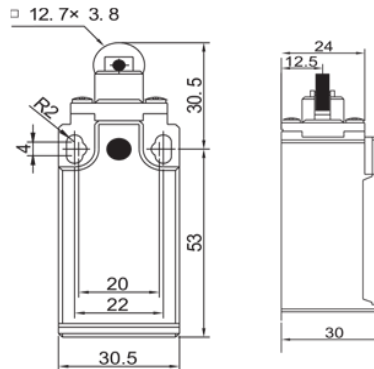
GLS SERIES LIMIT SWITCH



Order Code	6801
Product Code	GLS -101
Box Piece	10
Carton Piece	100
Description	Short Vertical Metal Pin 1NO + 1NC



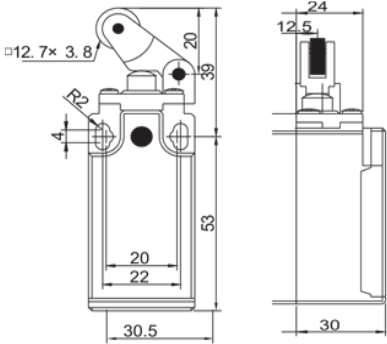
Order Code	6802
Product Code	GLS -103
Box Piece	10
Carton Piece	100
Description	Short Vertical Metal Pin 1NO + 1NC



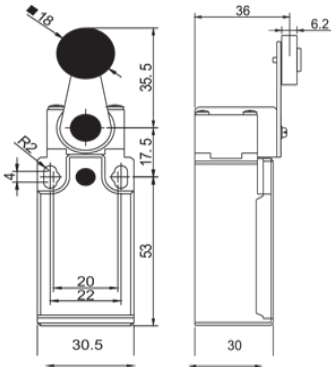
Order Code	6803
Product Code	GLS -103R
Box Piece	10
Carton Piece	100
Description	Vertical Metal RollerReset 1NO + 1NC

WITH RESET

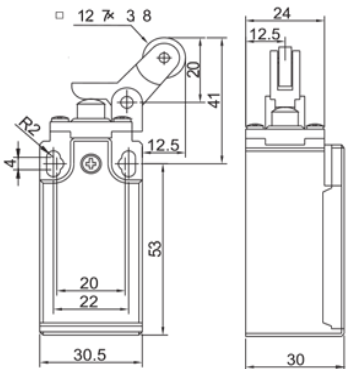
GLS SERIES LIMIT SWITCH



Order Code	6804
Product Code	GLS -111
Box Piece	10
Carton Piece	100
Description	Angular Metal Roller One Way INO + INC

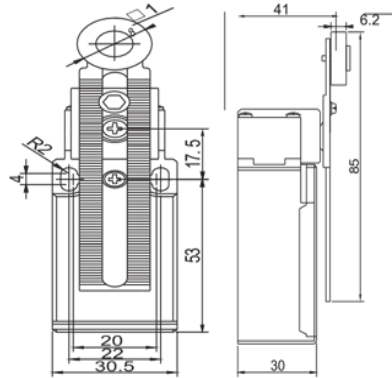


Order Code	6805
Product Code	GLS -121
Box Piece	10
Carton Piece	100
Description	Vertical Metal Roller Bidirectional INO + INC

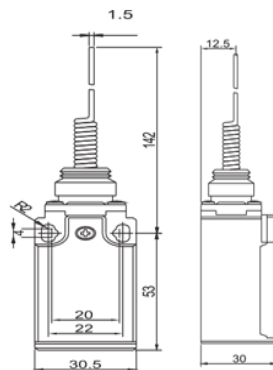


Order Code	6806
Product Code	GLS -127
Box Piece	10
Carton Piece	100
Description	Reverse Angular Metal Roller One Way INO + INC

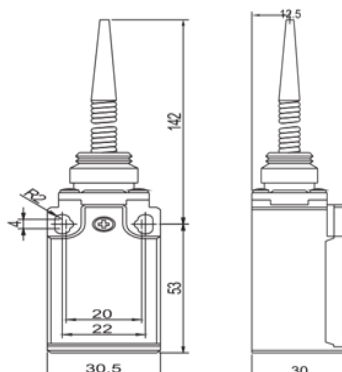
GLS SERIES LIMIT SWITCH



Order Code	6807
Product Code	GLS -131
Box Piece	10
Carton Piece	100
Description	Adjustable Metal Roller Bidirectional 1NO + 1NC

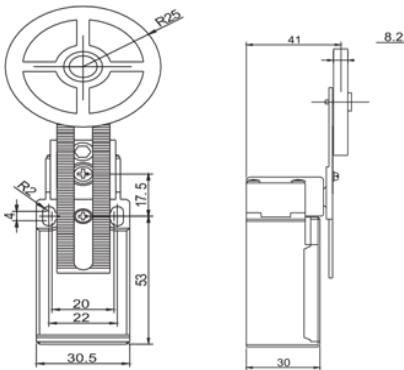


Order Code	6808
Product Code	GLS -161
Box Piece	10
Carton Piece	100
Description	Versatile Spiral Wire Tip 1NO + 1NC

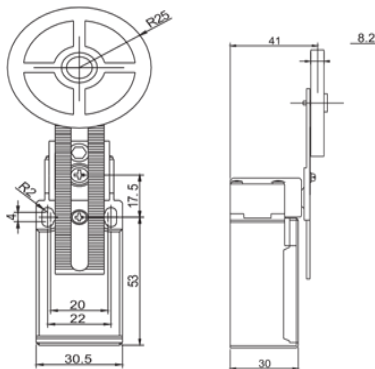


Order Code	6809
Product Code	GLS -171
Box Piece	10
Carton Piece	100
Description	Versatile Spiral Plastic Tip 1NO + 1NC

GLS SERIES LIMIT SWITCH



Order Code	6810
Product Code	GLS -191
Box Piece	1
Carton Piece	100
Description	Adjustable Rubber Roller Bidirectional INO + INC

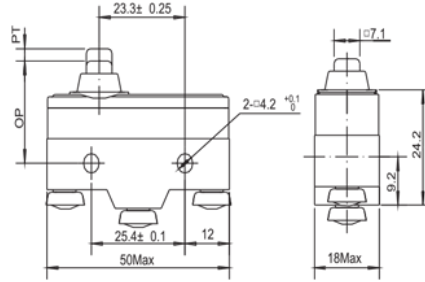


Order Code	6800
Product Code	GLS -191R
Box Piece	1
Carton Piece	100
Description	Adjustable Rubber Roller Bidirectional Reset INO + INC

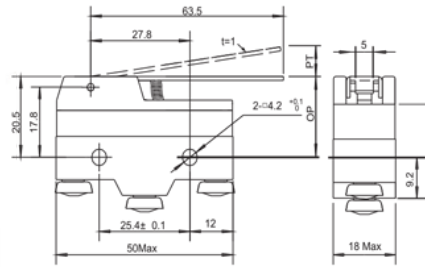
WITH RESET



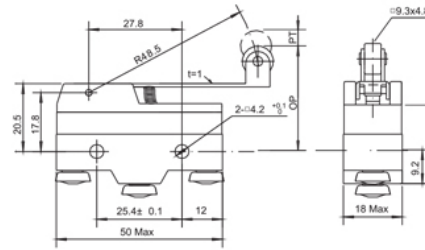
AZ SERIES MICRO SWITCH



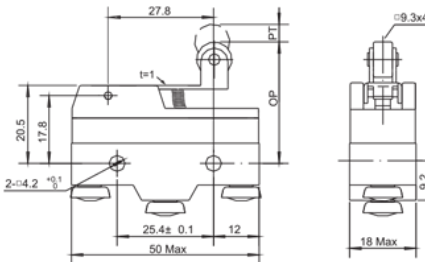
Order Code	6812
Product Code	AZ - 15GD - B
Box Piece	20
Carton Piece	360
Description	Thick Long Pin 15A 1NO + 1NC



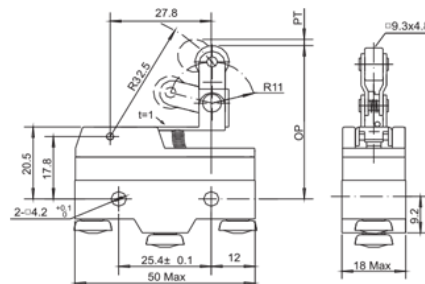
Order Code	6814
Product Code	AZ - 15GW - B
Box Piece	20
Carton Piece	360
Description	Long Pallet 15A 1NO + 1NC



Order Code	6815
Product Code	AZ - 15GW2 - B
Box Piece	20
Carton Piece	360
Description	Long Pallet Metal Roller 15A 1NO + 1NC

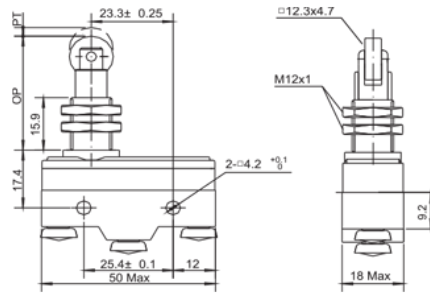


Order Code	6818
Product Code	AZ - 15GW22 - B
Box Piece	20
Carton Piece	360
Description	Short Metal Roller 15A 1NO + 1NC

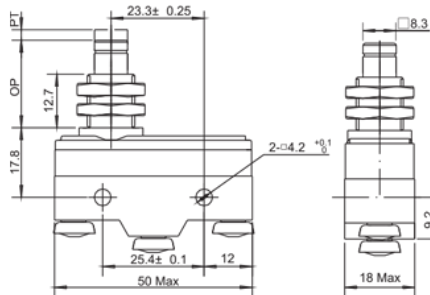


Order Code	6819
Product Code	AZ - 15GW2277 - B
Box Piece	20
Carton Piece	360
Description	Powered Metal Roller 15A 1NO + 1NC

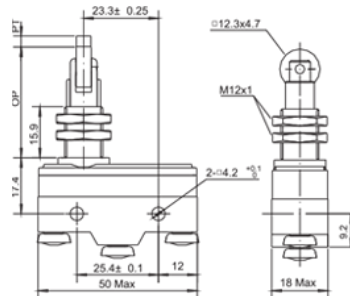
AZ SERIES MICRO SWITCH



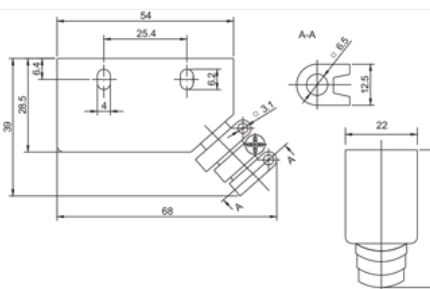
Order Code	6820
Product Code	AZ - 15GQ22 - B
Box Piece	20
Carton Piece	360
Description	Vertical Metal Roller 15A INO + INC



Order Code	6821
Product Code	AZ - 15GQ - B
Box Piece	20
Carton Piece	360
Description	Thick Short Metal Pin 15A INO + INC



Order Code	6822
Product Code	AZ - 15GQ21 - B
Box Piece	20
Carton Piece	360
Description	Side Vertical Metal Roller 15A INO + INC



Order Code	6824
Product Code	XAP - Y
Box Piece	100
Carton Piece	1.000
Description	Protection Case

GMS SERIES MICRO SWITCH



Order Code	6830	Product Code	GMS - 100C
Box Piece	100	Carton Piece	1.800
Description	10 Ampere Plastic Pin Micro Switch		



Order Code	6831	Product Code	GMS - 101C
Box Piece	100	Carton Piece	1.800
Description	10 Ampere Medium Arm Micro Switch		



Order Code	6832	Product Code	GMS - 102C
Box Piece	100	Carton Piece	1.800
Description	10 Ampere Kısa Kollu Mikro Switch		



Order Code	6833	Product Code	GMS - 103C
Box Piece	100	Carton Piece	1.800
Description	10 Ampere Long Arm Metal Roller Micro Switch		



Order Code	6834	Product Code	GMS - 104C
Box Piece	100	Carton Piece	1.800
Description	10 Ampere Short Arm Metal Roller Micro Switch		

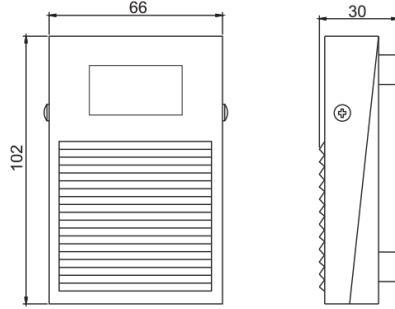


Order Code	6835	Product Code	GMS - 105C
Box Piece	100	Carton Piece	1.800
Description	10 Ampere Long Arm Micro Switch		

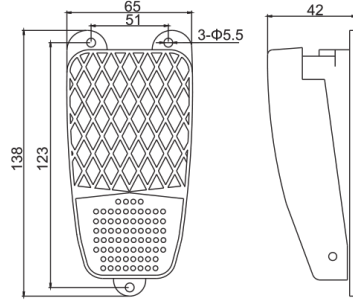


Order Code	6836	Product Code	GMS - 106C
Box Piece	100	Carton Piece	1.800
Description	10 Ampere Curved Arm Micro Switch		

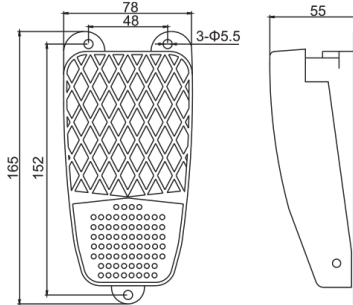
AYAK PEDALLARI



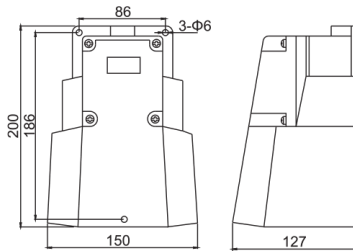
Order Code	6901
Product Code	AP - 1
Box Piece	1
Carton Piece	60
Description	Metal Cast Pedal With 2mt Cable



Order Code	6902
Product Code	AP - 2
Box Piece	1
Carton Piece	60
Description	Aluminum Cast Pedal With 1mt Cable



Order Code	6903
Product Code	AP - 3
Box Piece	1
Carton Piece	40
Description	Aluminum Cast Pedal With 1mt Cable



Order Code	6904
Product Code	AP - 9
Box Piece	1
Carton Piece	12
Description	Metal Cast Pedal



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