

Battery

Battery Terminals 52

Cable Lugs 54

Cable Joiners 56

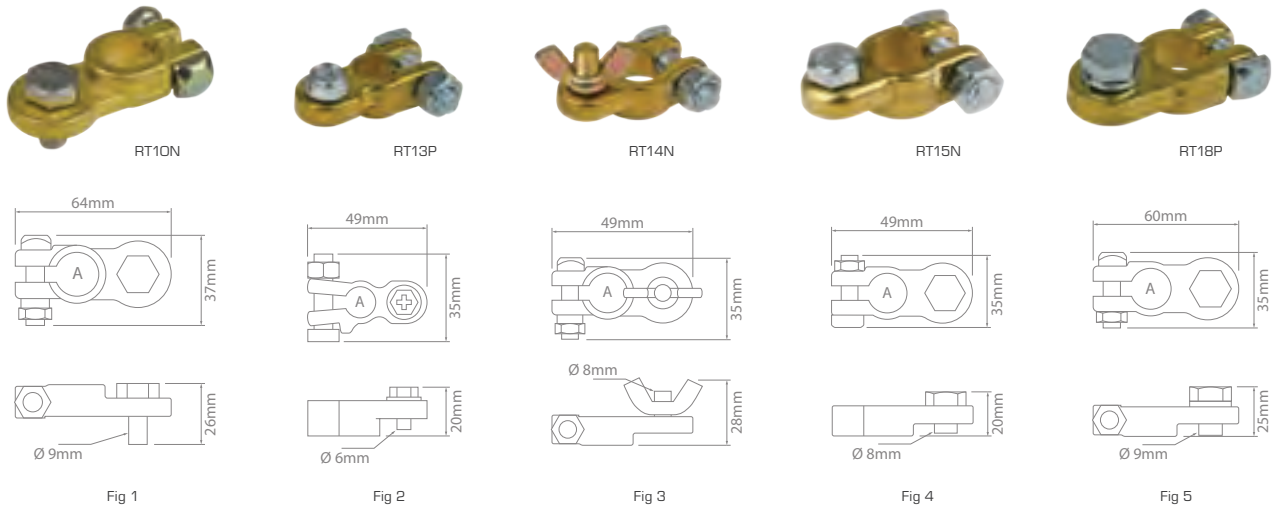
Clips & Clamps 58

Terminal Insulators 60

Battery

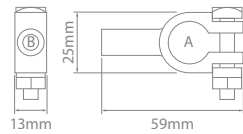
Battery Terminals

- High quality, superior conductivity.
- Colour coding for easy identification.
- Wide range of gauge size and terminal styles.
- Ideal for truck, bus, marine & heavy duty vehicles.



Battery Terminals

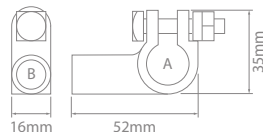
Part No.	Style	A (mm)	Polarity	Fig
RT10N	Bolt	16	Negative	1
RT10P	Bolt	17	Positive	1
RT13N	Bolt	12	Negative	2
RT13P	Bolt	13	Positive	2
RT14N	Wingnut	16	Negative	3
RT14P	Wingnut	18	Positive	3
RT15N	Bolt	17	Negative	4
RT16P	Bolt	18	Positive	4
RT17N	Bolt	16	Negative	5
RT18P	Bolt	18	Positive	5



000SN

Crimp Battery Terminals – Straight

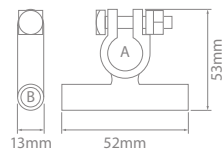
Polarity		Cable Size (mm ²)	A (mm)	B (mm)	Colour Code
Positive	Negative				
2SP	2SN	35	8.5	18	Green
OSP	OSN	50	9.5	18	Pink
00SP	00SN	70	11.5	18	Black
000SP	000SN	85	12	18	Orange
120SP	120SN	120	16	18	Yellow



000EP

Crimp Battery Terminals – Elbow

Polarity		Cable Size (mm ²)	A (mm)	B (mm)	Colour Code
Positive	Negative				
2EP	2EN	35	8.5	18	Green
OEP	OEN	50	9.5	18	Pink
00EP	00EN	70	11.5	18	Black
000EP	000EN	85	12	18	Orange
120EP	120EN	120	16	18	Yellow



OTEN

Crimp Battery Terminals – Twin Elbow

Polarity		Cable Size (mm ²)	A (mm)	B (mm)	Colour Code
Positive	Negative				
2TEP	2TEN	35	8.5	18	Green
OTEP	OTEN	50	9.5	18	Pink
00TEP	00TEN	70	11.5	18	Black
000TEP	000TEN	85	12	18	Orange
120TEP	120TEN	120	16	18	Yellow

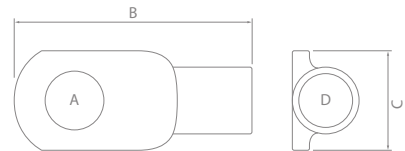
Battery

Cable Lugs



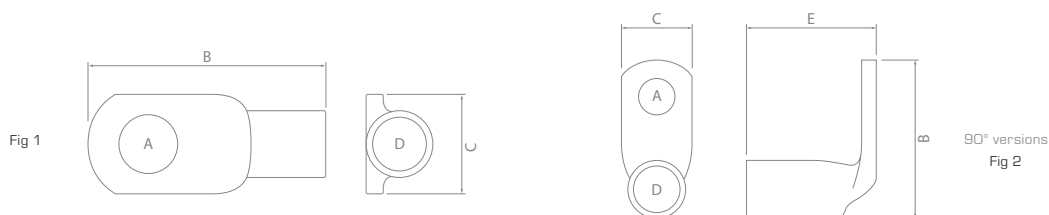
- Bell Mouth versions feature flared end for easy cable insertion.
- Electro tin-plated copper for high conductivity.
- Manufactured from tube stock for greater durability.
- Corrosion resistant.

Material : Tin-plated Copper Alloy
Operating Temperature : -55°C to 155°C



Cable Lugs

Cable Size	Stud Size	Pack Qty	Standard	Bell Mouth	A (mm)	B (mm)	C (mm)	D (mm)	
5mm ²	5mm	50	—	S6-5BM/50	5	23	10	3.8	
	6mm	1	S6-6	—	6	27	12	3.8	
		50	S6-6/50	S6-6BM/50					
	10mm ²	8mm	1	S6-8	—	8	27	12	3.8
			50	S6-8/50	S6-8BM/50				
10mm		1	S6-10	—	10	32	15	3.8	
50	S6-10/50	—							
10mm ²	6mm	1	S10-6	—	6	27	12	4.7	
		50	S10-6/50	S10-6BM/50					
	8mm	1	S10-8	—	8	29	14	4.7	
		50	S10-8/50	S10-8BM/50					
	10mm	1	S10-10	—	10	32	15	4.7	
50	S10-10/50	S10-10BM/50							
12mm	1	S10-12	—	12	38	18	4.7		
50	S10-12/50	—							
16mm ²	6mm	1	S16-6	—	6	39	11	5.5	
		50	S16-6/50	S16-6BM/50					
	8mm	1	S16-8	—	8	39	14	5.5	
		50	S16-8/50	S16-8BM/50					
	10mm	1	S16-10	—	10	41	16	5.5	
50	S16-10/50	S16-10BM/50							
12mm	1	S16-12	—	12	46	18	5.5		
50	S16-12/50	—							



Cable Lugs Continued

Cable Size	Stud Size	Pack Qty	Standard	Bell Mouth	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Fig
25mm ²	6mm	1	S25-6	—	6	41	13.5	7.1	—	1
		25	S25-6/25	S25-6BM/25						
	8mm	1	S25-8	—	8	41	13.5	7.1	—	1
		25	S25-8/25	S25-8BM/25						
10mm	1	S25-10	—	10	44	16	7.1	—	1	
	25	S25-10/25	S25-10BM/25							
12mm	1	S25-12	—	12	48	8	7.1	—	1	
	25	S25-12/25	S25-12BM/25							
35mm ²	6mm	1	S35-6	—	6	44	16	8.4	—	1
		25	S35-6/25	S35-6BM/25						
	8mm	1	S35-8	—	8	44	16	8.4	—	1
		25	S35-8/25	S35-8BM/25						
10mm	1	S35-10	—	10	45	18	8.4	—	1	
	25	S35-10/25	S35-10BM/25							
12mm	1	S35-12	—	12	50	20	8.4	—	1	
	25	S35-12/25	S35-12BM/25							
50mm ²	8mm	1	S50-8	—	8	48	18	9.5	—	1
		25	S50-8/25	S50-8BM/25						
	10mm	1	S50-10	—	10	52	18	9.5	—	1
25		S50-10/25	S50-10BM/25							
12mm	1	S50-12	—	12	54	21	9.5	—	1	
	25	S50-12/25	S50-12BM/25							
70mm ²	6mm	1	S70-6	—	6	54	21	11.3	—	1
		10	S70-6/10	—						
	8mm	1	S70-8	—	8	54	21	11.3	—	1
		10	S70-8/10	S70-8BM/10						
	10mm	1	S70-10	—	10	54	21	11.3	—	1
10		S70-10/10	S70-10BM/10							
1	S70-10-90DEG	—	10	39	21	11.3	33	2		
12mm	1	S70-12	—	12	54	21	11.3	—	1	
	10	S70-12/10	S70-12BM/10							
95mm ²	8mm	1	S95-8	S95-8BM	8	60	25	13.5	—	1
		10mm	1	S95-10						
	10mm	1	S95-10-90DEG	—	10	45	25	13.5	40	2
		12mm	1	S95-12						
	16mm	1	S95-16	S95-16BM	16	60	25	13.5	—	1
120mm ²	10mm	1	S120-10	S120-10BM	10	64	30	15.6	—	1
		12mm	1	S120-12						

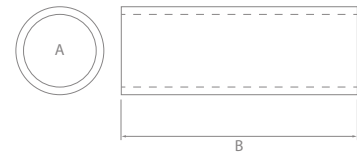




- Fabricated from one piece of copper.
- Tinned for optimum electrical performance.
- The barrel is completely closed with a brazed seam for uniform strength.
- Internal serrations guarantee optimum tensile strength and maximum electrical contact area after crimping.
- Designed for all power applications; automotive, aircraft and marine.
- Corrosion resistant.

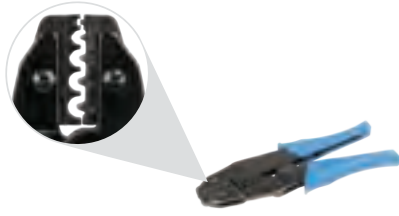
Material :

Tin-plated Copper Alloy

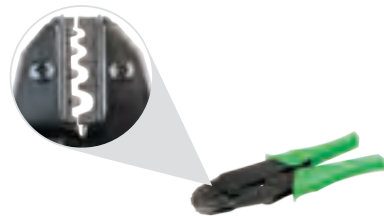


Cable Joiners

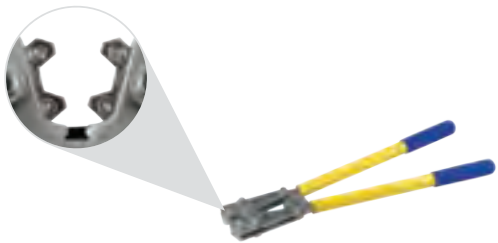
Part No.	Wire Size (mm ²)	A (mm)	B (mm)
C10	10	4.7	22
C16	16	5.5	44
C25	25	7.1	47
C35	35	8.4	47
C50	50	9.5	47
C70	70	11.3	50
C95	95	13.5	54
C120	120	15.6	65



HT-4023



HT-4510



HT-21



HT-22

Crimping Tools – Cable Joiners, Lugs & Crimp Battery Terminals

Part No.	Description	Crimp Range (mm ²)
HT-4023	Ratcheting	0.3-2.5, 4-6, 10, 16
HT-4510	Ratcheting	0.25-1.5, 2.5-4, 6-8, 10
HT-21	Heavy duty hex crimper. Rotating die with 6 sizes. 450mm long	6, 10, 16, 25, 35, 50
HT-22	Extra heavy duty hex crimper. Rotating die with 7 sizes. 650mm long	25, 35, 50, 70, 95, 120, 150

Battery

Clips & Clamps



H812/2

- Wide range of sizes and current capacities.
- Insulated and non-insulated handles.
- Heavy duty versions supplied with copper cable lugs and feature full insulation and metal heat dispersion earth strip.



H2790/2

H2796BLK

H2796RED

H145/2

H170/2

H143/2

H144/2

H818/2

H812/2, H811/2

AE725B

AE725R

Clips & Clamps

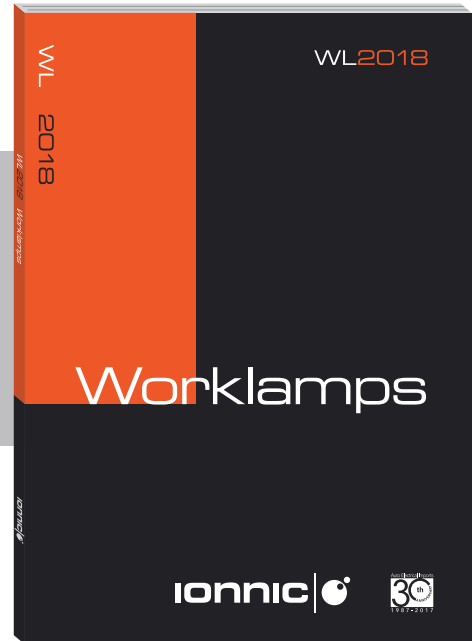
Part No.	Description	Current Rating (A)	Pack Qty
H2790/2	Alligator Clips	5	2
H2796BLK	Boot to suit H2790 - Black	—	1
H2796RED	Boot to suit H2790 - Red	—	1
H145/2	Test Clips	10	2
H170/2	Test Clips	15	2
H143/2	Test Clips	25	2
H144/2	Test Clips	50	2
H818/2	Battery Clamps	25	2
H812/2	Battery Clamps	100	2
H811/2	Battery Clamps	200	2
AE725B	Battery Clamp - Heavy Duty - Black	600	1
AE725R	Battery Clamp - Heavy Duty - Red	600	1

Catalogues

Lighting

- Heavy Duty LED – Nordic
- Heavy Duty LED – IONNIC
- General Purpose LED
- Heavy Duty HID
- Headlamps & Driving Lights
- Heavy Duty Halogen
- General Purpose Lamps
- Interior Lighting

Available late 2017



ionnic | ●

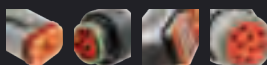
Lighting | Safety | Electrical

Electrical

Connectors



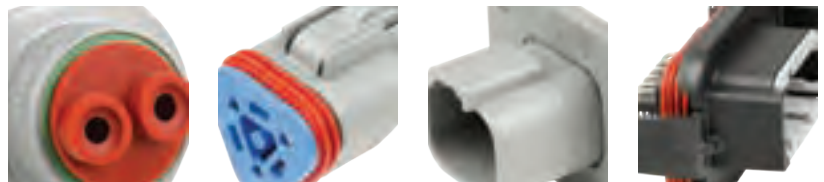
DEUTSCH



ionnic | ●

- DT Series
- DTM Series
- DTP Series
- DTHD Series
- HD10 Series
- HD30/HDP20 Series
- DRC Series
- Contacts & Plugs
- Deutsch Connector Tools

To get your copy visit ionnic.com



Battery

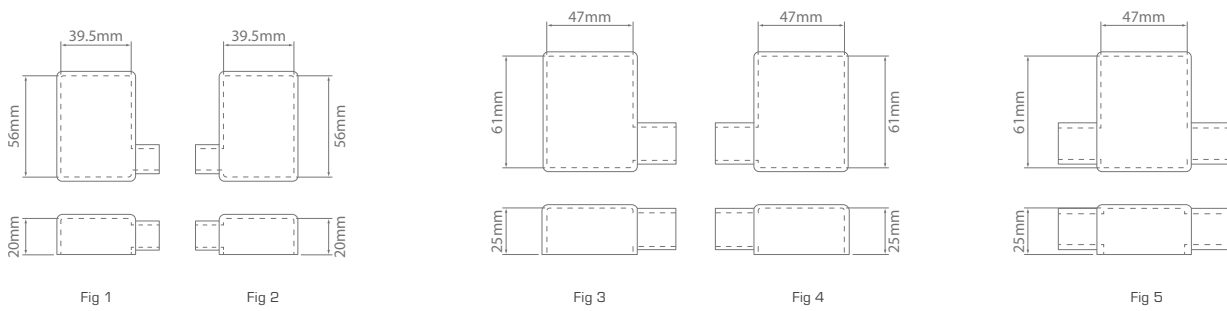
Terminal Insulators



- Protects terminals from electrical shorts and shocks.
- Colour coded for easy identification.
- Wide range of sizes & styles available.
- 200 Series feature finger tab for easy removal.
- Bulk packs available.

Material :
Max. Operating Temperature :
Burning Behaviour :

Flexible PVC
 105°C
 UL94V2



SY2906-RED
(Right hand)



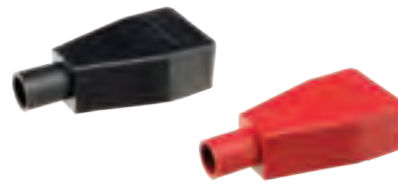
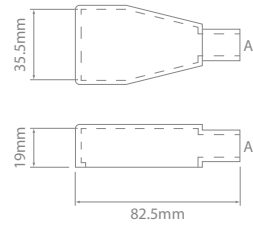
SY2914-BLK
(Left hand)



SY2915-RED
(Double)

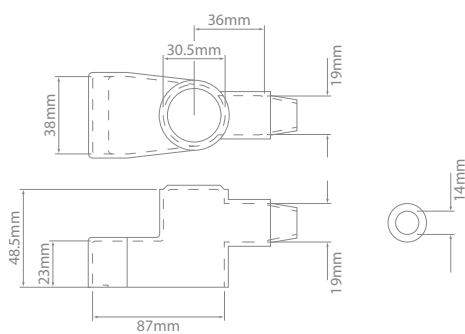
Battery Terminal Insulators

Red	Black	Pack Qty	Post Height (mm)	Cable Ø (mm)	Cable Entry	Material Thickness (mm)	Fig
SY2906-RED	SY2906-BLK	1	20	12.5	Right Hand	1.5	1
SY2906R/100	SY2906B/100	100					
SY2910-RED	SY2910-BLK	1	20	12.5	Left Hand	1.5	2
SY2910R/100	SY2910B/100	100					
SY2912-RED	SY2912-BLK	1	25	17.5	Right Hand	2.3	3
SY2912R/100	SY2912B/100	100					
SY2914-RED	SY2914-BLK	1	25	17.5	Left Hand	2.3	4
SY2914R/100	SY2914B/100	100					
SY2915-RED	SY2915-BLK	1	25	17.5	Double	2.3	5
SY2915R/100	SY2915B/100	100					



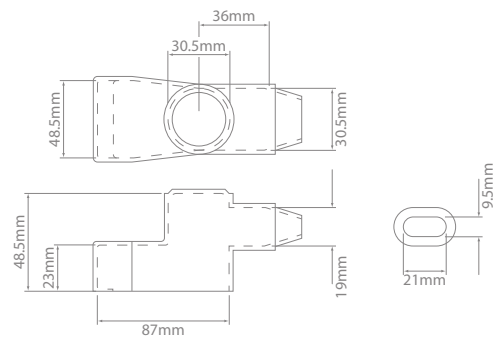
Battery Terminal Insulators – Straight Leads

Red	Black	Pack Qty	Post Height (mm)	Cable Ø A (mm)	Material Thickness (mm)
SY2917-RED	SY2917-BLK	1	19	12.5	2.3
SY2917R/100	SY2917B/100	100			
SY2919-RED	SY2919-BLK	1	19	16	2.3
SY2919R/100	SY2919B/100	100			



SY2990

Fig 1



SY2995

Fig 2

Battery Terminal Insulators

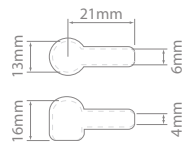
Red	Black	Pack Qty	Terminal Ø (mm)	Post Height (mm)	Material Thickness (mm)	Fig
SY2990-RED	SY2990-BLK	1	30.5	23	2	1
SY2990R/100	SY2990B/100	100				
SY2995-RED	SY2995-BLK	1	30.5	23	2	2
SY2995R/100	SY2995B/100	100				



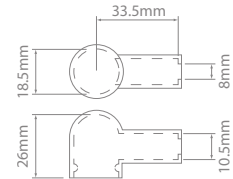
Battery



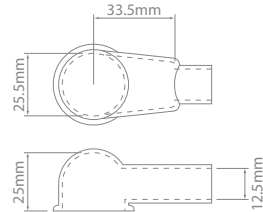
SY2900



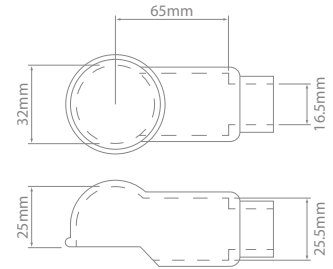
SY2980



SY2982

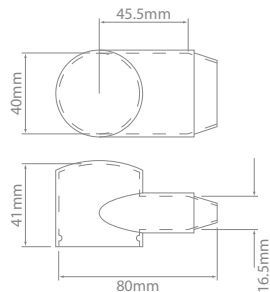


SY2984



Terminal Insulators – Lug & Ring

Red	Black	Pack Qty	Terminal Ø (mm)	Post Height (mm)	Terminal Length (mm)	Inside Grip (mm)	Cable Ø (mm)	Material Thickness (mm)
SY2900-RED	SY2900-BLK	1	13	16	21	6	4-6	1
SY2900R/100	SY2900B/100	100						
SY2980-RED	SY2980-BLK	1	18.5	26	33.5	10.5	8	1.5
SY2980R/100	SY2980B/100	100						
SY2982-RED	SY2982-BLK	1	25.5	25	33.5	12.5	12.5	1.5
SY2982R/100	SY2982B/100	100						
SY2984-RED	SY2984-BLK	1	32	25	65	25.5	16.5	2.5
SY2984R/100	SY2984B/100	100						

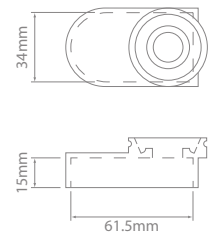


SY2999-RED



SY2998-RED

SY2998-RED



Terminal Insulators – Lug & Ring – Marine

Red	Black	Pack Qty	Terminal Ø (mm)	Post Height (mm)	Terminal Length (mm)	Material Thickness (mm)
SY2999-RED	SY2999-BLK	1	40	41	58.5	1.5
SY2999R/100	SY2999B/100	100				
SY2998-RED	SY2998-BLK	1	Base for use with SY2999			2.5

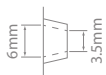


Fig 1

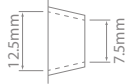


Fig 2

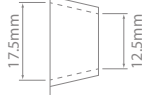


Fig 3

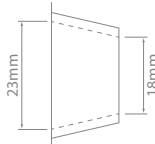
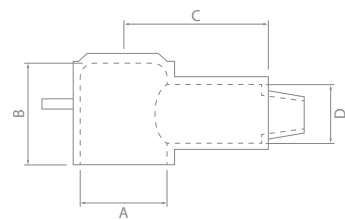


Fig 4



Cable Ø

Terminal Insulators – Lug & Ring – 200 Series

Red	Black	Pack Qty	Terminal Ø A (mm)	Post Height B (mm)	Terminal Length C (mm)	Inside Grip D (mm)	Cable Ø Fig	Material Thickness (mm)
SY2959-RED	SY2959-BLK	1	12	18	25.5	12.5	1	1.5
SY2959R/100	SY2959B/100	100						
SY2960-RED	SY2960-BLK	1	14	19	25.5	12.5	1	1.5
SY2960R/100	SY2960B/100	100						
SY2963-RED	SY2963-BLK	1	16	20.5	25.5	12.5	2	1.5
SY2963R/100	SY2963B/100	100						
SY2965-RED	SY2965-BLK	1	18	22	25.5	12.5	2	1.5
SY2965R/100	SY2965B/100	100						
SY2966-RED	SY2966-BLK	1	20	24	33.5	18	3	1.8
SY2966R/100	SY2966B/100	100						
SY2968-RED	SY2968-BLK	1	22	26.5	44.5	19	3	1.8
SY2968R/100	SY2968B/100	100						
SY2971-RED	SY2971-BLK	1	26	32	52.5	18	3	2
SY2971R/100	SY2971B/100	100						
SY2970-RED	SY2970-BLK	1	28	33.5	44.5	19	3	2.3
SY2970R/100	SY2970B/100	100						
SY2973-RED	SY2973-BLK	1	32	38	44.5	23	3	2.5
SY2973R/100	SY2973B/100	100						
SY2974-RED	SY2974-BLK	1	32	38	60.5	23	3	2.5
SY2974R/100	SY2974B/100	100						
SY2975-RED	SY2975-BLK	1	32	38	44.5	23	4	2.5
SY2975R/100	SY2975B/100	100						

