



**All Round  
Supplies®**



# UTILITY LINK

Issue 4, 2007

## New Branch Open At Beresfield



All Round Supplies now has a branch open at Beresfield (near Newcastle). Located in Gamma Close, Beresfield, our new branch stocks a full range of low voltage and medium voltage materials including cable and cable accessories. Materials approved for use on both the Energy Australia and Country Energy networks will be stocked in Beresfield. The Beresfield branch can be contacted on; Ph: (02) 4966 3733, Fax: (02) 4966 0952 or by e-mail, [beresfield@all-round-supplies.com.au](mailto:beresfield@all-round-supplies.com.au).



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## Cut To Length On Drum Cable Service

All Round Supplies now offers a “cut to length on drum” cable service which means we can have the exact length of cable ordered (subject to availability) wound onto a returnable steel drum. The cable is then delivered to a nominated All Round Supplies branch on the nominated delivery date (Prestons, South Nowra or Beresfield). The drum can be loaded onto your trailer/truck in our store (no cost), delivered to your nominated site (charged at cost), or deliver to site by our cable truck (refer cable truck hire rates). A fee for the drum will be charged if the drum is not returned within the specified timeframe. The cut to length cable service is only available for the following cables and minimum and maximum lengths apply depending on availability. The various cables services offered by All Round Supplies are now; Project quantity, Full drum, Cut to length on drum and cut to length on site. To discuss which cable service will best suit your requirement or for more details of any of our services, please contact your nearest All Round Supplies



ARS Code	Description	IE	EA	CE
00046 CTL	LV 4c 240mm2 Al Stranded XLPE	X		X
02727 CTL	LV 4c 240mm2 Al Solid XLPE		X	
00126 CTL	11kV 3c 240mm2 Al XLPE	X		X
00337 CTL	11kV 3c 240mm2 Cu XLPE	X		
02794 CTL	11kV 3c 400mm2 Al XLPE		X	



## Cable Clamp Kit Options

All Round Supplies has now increased its range of cable clamp kits, this means there are now more options available for our customers. This article is designed to aid in the selection of the appropriate clamp for a particular application.

### Clamp Details

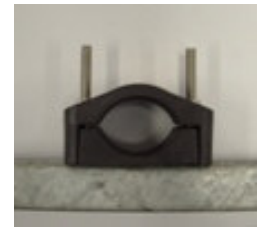
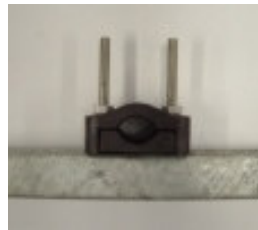
The cable clamps themselves are a two-piece fibreglass reinforced polyamide. They are black in colour and resistant to UV rays, ozone, oils, fuels, alkalis and radioactive rays. The clamps are suitable for both indoor and outdoor use. The clamps can be used to secure either single core cables or multi core circular cables.

### Clamp Kit Details

Clamp kits include S/S threaded rod, nuts, flat washers, M10 unistrut spring washers and the cable clamp. The kits are designed for applications where cables will be fixed to unistrut channel.

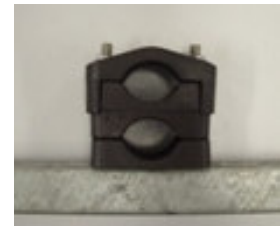
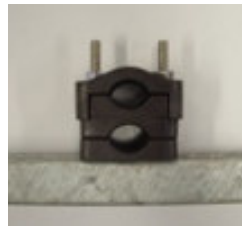
Single Cable Clamp Kits : contain 1 x 2 piece clamp and fixing hardware.

ARS Code	Cable Range (dia)
A0087	26-38mm
A0142	36-52mm
A0074	50-75mm
A0284	66-90mm



Double Cable Clamp Kits : contain 1 x 2 piece clamp, 2 additional bases and fixing hardware.

ARS Code	Cable Range (dia)
A0347	26-38mm
A0348	36-52mm



Trefoil Cable Clamp Kits : contain 1 x 2 piece trefoil clamp and fixing hardware.

ARS Code	Cable Range (dia)
A0349	25-36mm
A0350	33-46mm



### Typical Applications

Cable clamps are typically used to secure and support MV and LV cables, they are commonly used to fix cables to switchgear frames below the termination point to support the cable.

*LV 4c 240mm<sup>2</sup> Al cable fixed to LV frame*



## Integral Energy LV Fuse Strip Adaptor For Old CB Frames

There are now Integral Energy approved fuse strip adaptor kits available that will allow up to 3 Weber Cat 2 fuse strips to be installed on an old style LV circuit breaker frame. The kits are supplied with busbar to mount the new fuse strip, busbar to unistrut mounting frame, insulated supply leads and busbar covers (Fuse strip is sold separately). For more information regarding the adaptor kits refer to Integral Energy Technical Bulletin TB-0031 (available on the ASP website).

All Round Supplies has an old LV circuit breaker frame fitted with an adaptor kit on display in our Prestons branch if you would like to take a closer look.



*Single Fuse strip and adaptor kit fitted*



*Fuse strip cable connections*

## Energy Australia LV Pillar And UG/OH ARSsemblies

Due to the changes in the March 2007 release of Energy Australia's network standard NS 127 there are now more Energy Australia LV pillar and UG/OH ARSsemblies available from All Round Supplies.

240 AL 4 XQZ/SAC				185 CU 1 XQZ			
Pillar ARSsemblies		UG/OH ARSsemblies		Pillar ARSsemblies		UG/OH ARSsemblies	
<b>A0210</b>	2-Way (LV1-33)	<b>A0213</b>	Bare Al 7/3.00-19/3.75 (LV1-43)	<b>A0359</b>	2-Way (LV1-35)	<b>A0405</b>	Bare Al 7/3.00-19/3.75 (LV1-3)
<b>A0211</b>	3-Way (LV1-34)	<b>A0219</b>	Bare Cu 19/1.78-19/2.14 (LV1-43)	<b>A0360</b>	3-Way (LV1-35)	<b>A0406</b>	Bare Cu 19/1.78-19/2.14 (LV1-3)
<b>A0212</b>	Link (LV1-37)	<b>A0404</b>	Bare Cu 19/2.14-19/2.52 (LV1-43)	<b>A0363</b>	Link (LV1-38)	<b>A0407</b>	Bare Cu 19/2.14-19/2.52 (LV1-3)
<b>A0400</b>	K&N Switch*	<b>A0295</b>	1 x 4c 95mm <sup>2</sup> LVABC (LV1-70)			<b>A0397</b>	1 x 4c 95mm <sup>2</sup> LVABC (LV1-72)
		<b>A0312</b>	1 x 4c 150mm <sup>2</sup> LVABC (LV1-70)			<b>A0398</b>	1 x 4c 150mm <sup>2</sup> LVABC (LV1-72)
		<b>A0214</b>	2 x 4c 95mm <sup>2</sup> LVABC (LV1-44)			<b>A0399</b>	2 x 4c 95mm <sup>2</sup> LVABC (LV1-47)

\* Hunter Region Only

## Recent Integral Energy Technical Bulletin Releases

Apr 19, 2007 TB 0031 LV Fuse Strip Adaptor For Old CB Frames  
 Mar 30, 2007 TB 0030 New And Replaced Distribution Earth Leads

All technical bulletins issued by Integral Energy are available on the ASP website.

## Recent Integral Energy Network Standards Updates

### Amendments

MDI0003 Regulations  
 NPS0001 Introduction  
 SMI155 Power, auto and regulating transformers

### Drawings

086232 Minimum Clearances Near Structures For Supply Authority Power Lines  
 052490 Railway Crossing - 22kV (Wood Pole)

All network standards updates issued by Integral Energy are available on the ASP website.



## Recent Energy Australia Customer Installation Advice

- May 30, 2007 CIA 1320 Charging for New Standard E - Type Low Voltage Switchboards
- Jan 31, 2007 CIA 1318 New Edition of Energy Australia Publication ES3 Metering installations - January 2007
- Jan 22, 2007 CIA 1317 New Edition of Energy Australia Publication ES1 Customer Connection Information - January 2007
- Dec 11, 2006 CIA 1316 Amended Edition of Energy Australia's standard form Customer Connection Contract, November 2000

All CIA documents issued by Energy Australia are available on their website.

## Recent Energy Australia Network Standards Advice

- Apr 17, 2007 NSA1405B Energy Australia's Electrical Safety Rules, February 2007 Significant changes from the previous edition
- Apr 17, 2007 NSA1409 New Issue of Energy Australia's NS 0124, Specification for Overhead Service Connections (100-400amps), April 2007
- Apr 17, 2007 NSA1410 Amendments to Energy Australia's network standard NS 110, Design and Construction Standards for URDs, June 2006
- Apr 16, 2007 NSA1407 Amendments to Energy Australia's network standard NS 167, Positioning of Poles and Lighting Standards, July 2001
- Apr 13, 2006 NSA1408 Amendments to Energy Australia's network standard NS 117, Design and Construction Standards for Kiosk Type Substations, December 2004
- Mar 13, 2006 NSA1406 Amendments to Energy Australia's network standard NS 114, Electrical Design and Construction Standards for Chamber Type Substations, March 2007
- Mar 05, 2006 NSA1404 Amendments to NUS 146, Safety Inspection Procedure for Working on Poles, November 2003

All NSA documents issued by Energy Australia are available on their website.

## E Safe 2007 Energy Safety And Field Expo

The Energy Safety and Field Expo, E-Safe 2007 is being held this month on the 13th and 14th at Rosehill Gardens Exhibition Centre, Rosehill Racecourse. Hosted by Integral Energy the Expo gives attendees the opportunity see over 70 exhibitions featuring the latest developments in safety related equipment and services amongst industry suppliers. There will be safety demonstrations, field based competitions and informative seminars. The E-Safe Expo is the ideal opportunity for people from across the energy, utility and infrastructure sectors to come together and share ideas, knowledge and experience on workplace safety. All Round Supplies has a stand located at booth 16 so come and see us at the show.

Notice

All Round Supplies apologises to Country Energy and Fulton Industries for the publication of product notification PN/09 in issue 3 of Utility Link without the consent of Country Energy and for any damage of reputation as this was not intended.

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