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DeadEasy 32

Product Bulletin No.1

What's new in DeadEasy 32?

DeadEasy 32, the same as DeadEasy 31, is installed permanently in a motor control centre or switchboard and is used by anyone needing to confirm that the power circuit is dead following circuit isolation and prior to commencing mechanical work.

DeadEasy 31 celebrated its 5th birthday in May this year. Several thousand DeadEasys are now in service in Australia, the Americas and Europe.

DeadEasy 32 has undergone exhausting in house testing as well as extended trials at customer sites. Particular thanks go to Beta Trial sites:

- Sibelco Australia - Bill Argyos and Steve Cover
- Kimberly-Clark Australia – Damian McMahon

DeadEasy 31 changes are as follows:

- Automatic Self Testing – On power up, each Red to Green LED transition and periodically during Green LED indication. This automatic testing is in addition to the existing manual testing capabilities. The automatic testing on each Red to Green LED transition now introduces a slightly modified Isolation Verification Procedure as follows:

Isolation Verification Procedure

Step	Power	Self Test	LED
1	I	-	Red
2	O	-	Green
3	O	Touch	Red
4	O	-	Green

DANGER
Isolation Verification Procedure must illuminate required LED only.
If in doubt, call an electrician.
Dead Easy - Patent Pending - www.redbusbar.com

Old DeadEasy 31 Procedure

Isolation Verification Procedure

Step	Power	Self Test	LED
1	I	-	Rd
2	I→O	-	Gn/Rd
3	O	-	Gn
4	O	Touch	Gn/Rd
5	O	-	Gn

DANGER
Isolation Verification Procedure must illuminate required LED only.
If in doubt, call an electrician.
DeadEasy 32 - Patent Pending - www.redbusbar.com

New DeadEasy 32 Procedure

- Digital Output – Active on Green LED. Allows logging of deenergised event or enables field indication local to the equipment
- Safety Rated Design – Dual Channel Architecture on all elements Input, LPU and Output
- Installation Diagnostics – Confirms correct installation and flags possible causes of incorrect installation using alarm codes
- Alarm Codes – Reports installation errors or device faults by flashing amber LEDs installed on the front cover of the electronics enclosure
- Phase Mode – One, Two and Three phase detection modes configurable via DIP switches

- Ethernet style HMI cable – Robust HMI connector that is orientated downwards and allows flexible HMI cable lengths
- Electronics Enclosure – Incorporates front cover HMI cable connection and alarm code LEDs
- Optimised HMI – Less arduous HMI duty expected to yield longer life

The release of DeadEasy 32 is a significant milestone for DeadEasy and demonstrates our commitment to provide the best solution to the challenge of low voltage, electrical isolation verification.