

# Installation Instructions – Mounting XCITE I/O

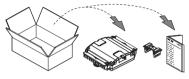
# Standard I/O Module

# Important: Retain these instructions



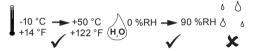


# 1 UNPACKING



XCITE/IO Standard I/O Modules Installation Instructions TG200627

# 2 STORING



#### 3 INSTALLING

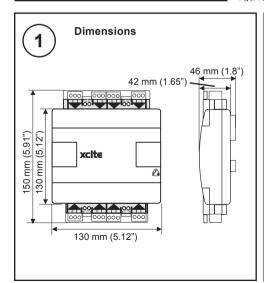


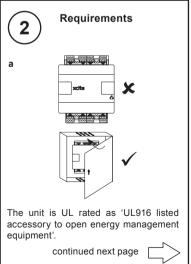
It is recommended that the installation should comply with the HSE Memorandum of Guidance on Electricity at Work Regulations 1989. For USA, install equipment in accordance with National Electric Code.

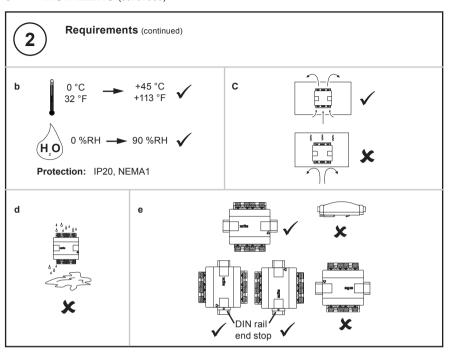


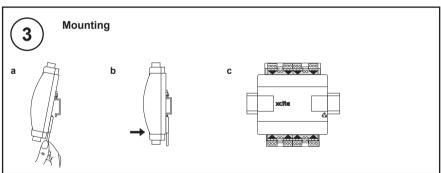
**WARNING**: If the unit is used in a manner other than that specified in these instructions, the protection provided by the unit may be impaired.

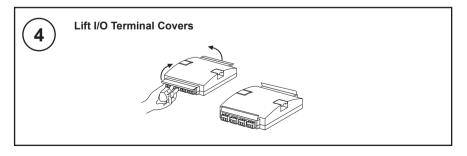
Note that XCITE/IO modules can only be fitted to IQ3XCITE/96/...and /128 (not to IQ3XCITE/16/..., IQ3XCITE/00/.. or IQ3XACT)



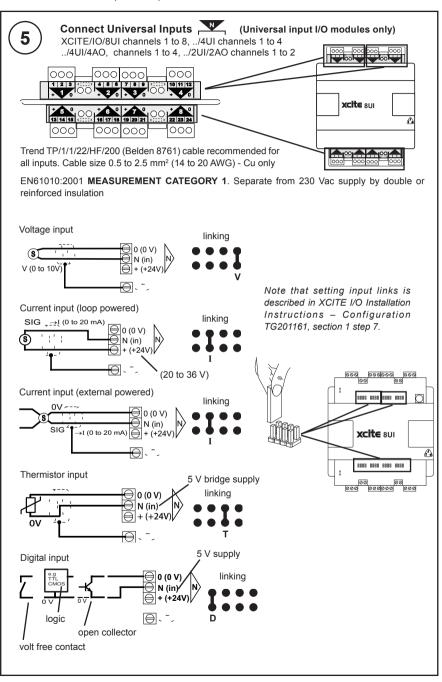


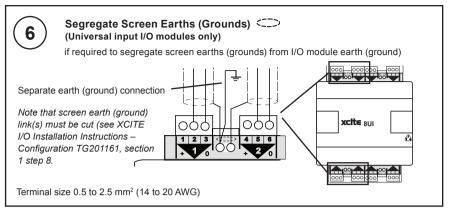


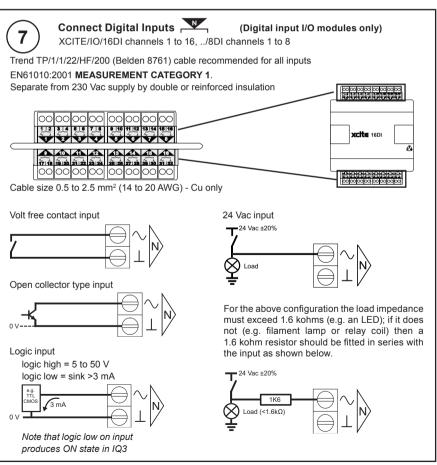


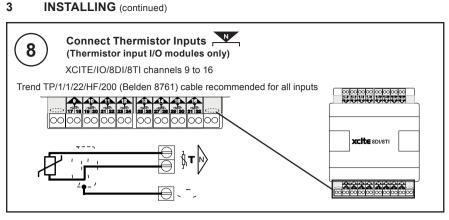


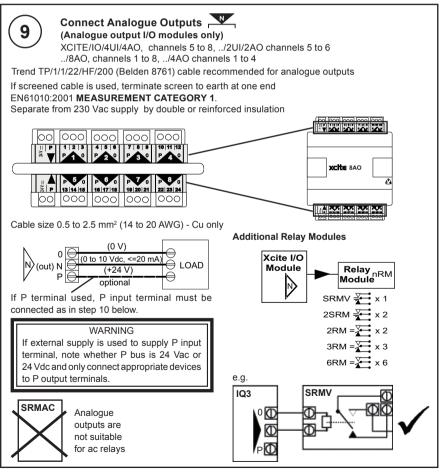
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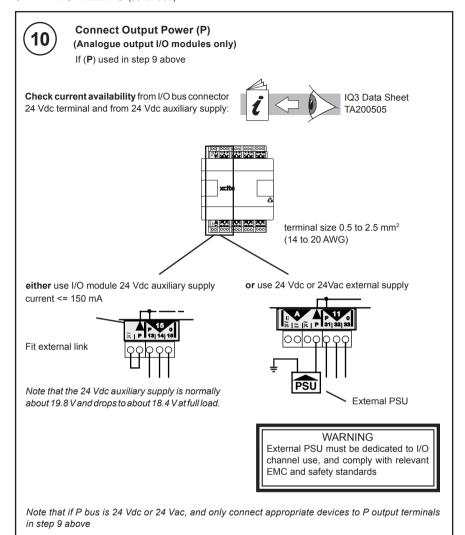




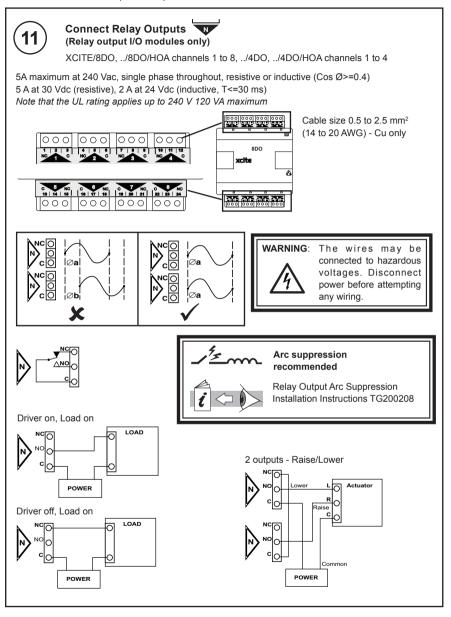






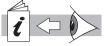


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Install IQ3xcite Controller (IQ3XCITE/96 and /128 only)



IQ3xcite Installation Instructions - Mounting, TG200626 - Section 3 steps 1 to 11 only





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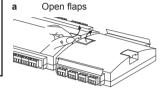
#### Connect I/O Bus

- · A maximum of 15 I/O modules can be connected.
- A maximum of 96 points (on IQ3XCITE/96) or 128 points (on IQ3XCITE/128) can be used: 16 points in the IQ3xcite and 80 or 112 expansion points.
- The maximum bus length is 30 m (rigid interconnectors can be ignored).
- The controller and its I/O modules are to be fitted inside enclosures
- · No spurs are allowed on the I/O bus
- If a single earth (ground) screened and bonded contiguous metal enclosure is used, then total I/O bus length can be up to 30 m (includes use of multisection panels e.g. Form 4 enclosures)

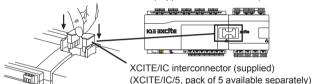
If any other type of enclosure is used, or I/O bus runs between enclosures, then total I/O bus cable length can be up to 10 m.

(For cable length calculation, rigid interconnectors can be ignored)

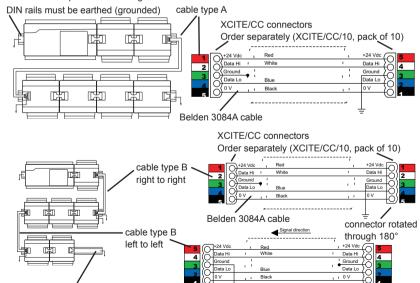
 Mutiple enclosures must be earthed (grounded) to a common earth (ground) point (according to latest IEE Regs).



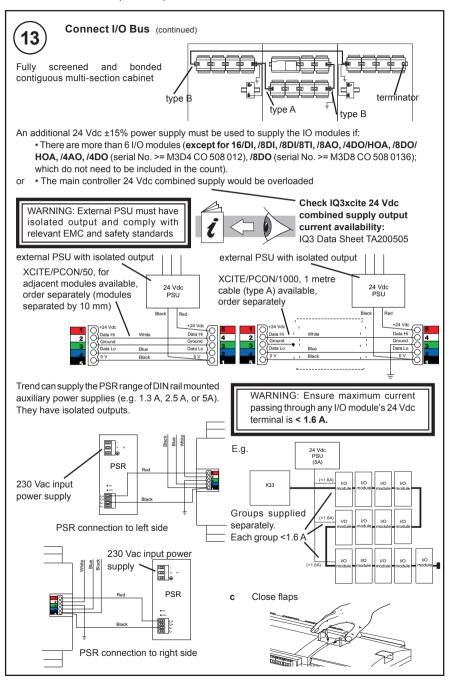
b either use XCITE/IC interconnector (supplied with I/O module)

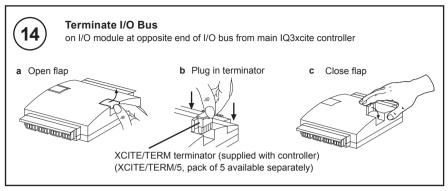


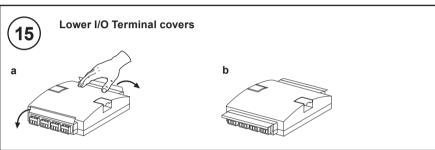
or wire special cable using XCITE/CC connectors and Belden 3084A cable



DIN rails must be earthed (grounded)









#### 4 DISPOSAL



#### **WEEE Directive:**

At the end of their useful life the packaging and product should be disposed of by a suitable recycling centre.

Do not dispose of with normal household waste. Do not burn.

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