

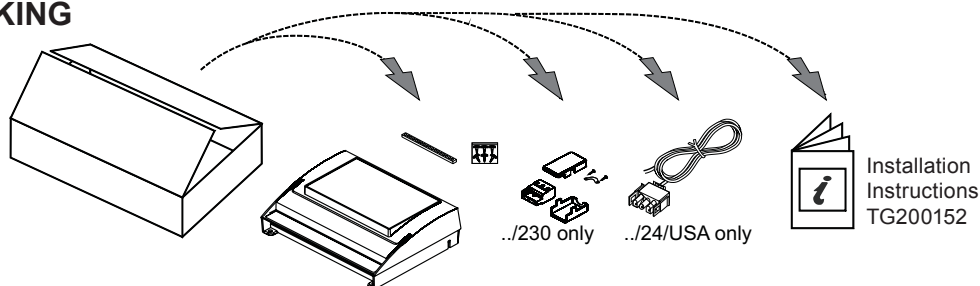
**Important: Retain these instructions**



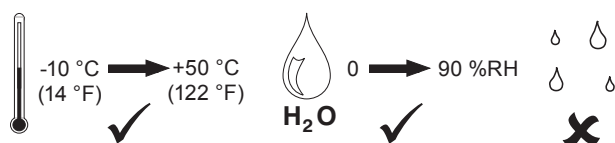
### CONTENTS

1	Unpacking .....	1	3.1	Installation - Mounting.....	1
2	Storing .....	1	3.2	Installation - Configuring .....	3
3	Installation .....	1	4	Replacing the Fuse .....	3
			5	Disposal.....	4

## 1 UNPACKING



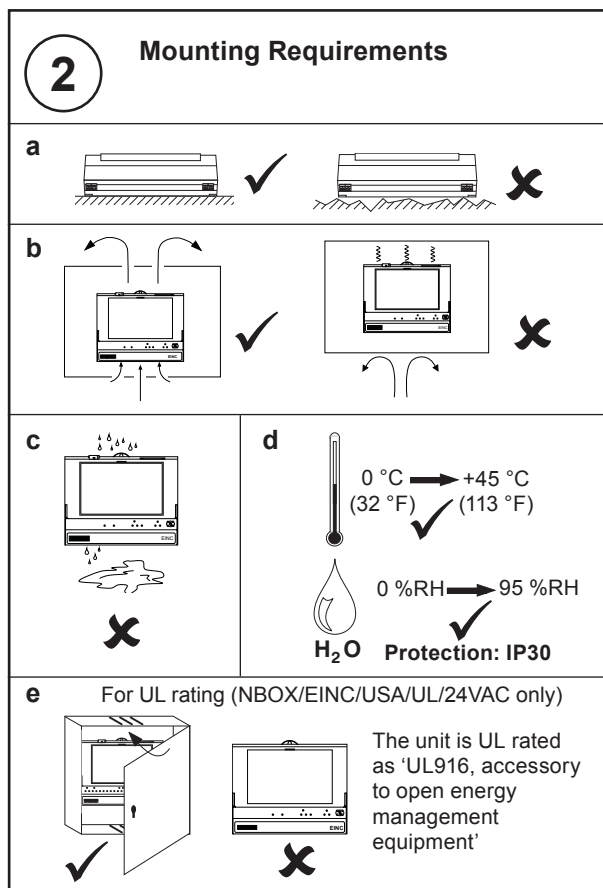
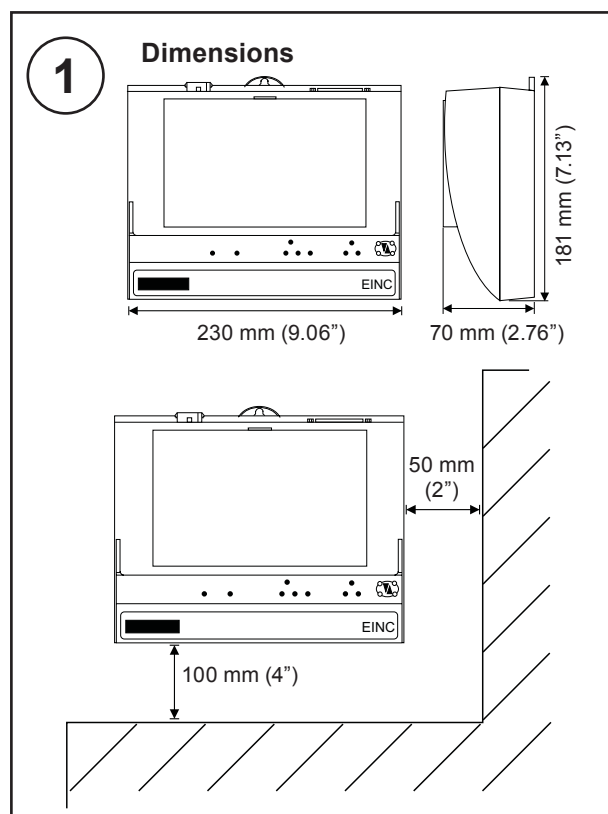
## 2 STORING



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

## 3 INSTALLATION

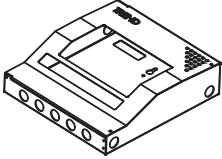
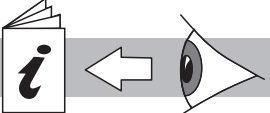
### 3.1 Installation - Mounting



### 3.1 Installation - Mounting (continued)

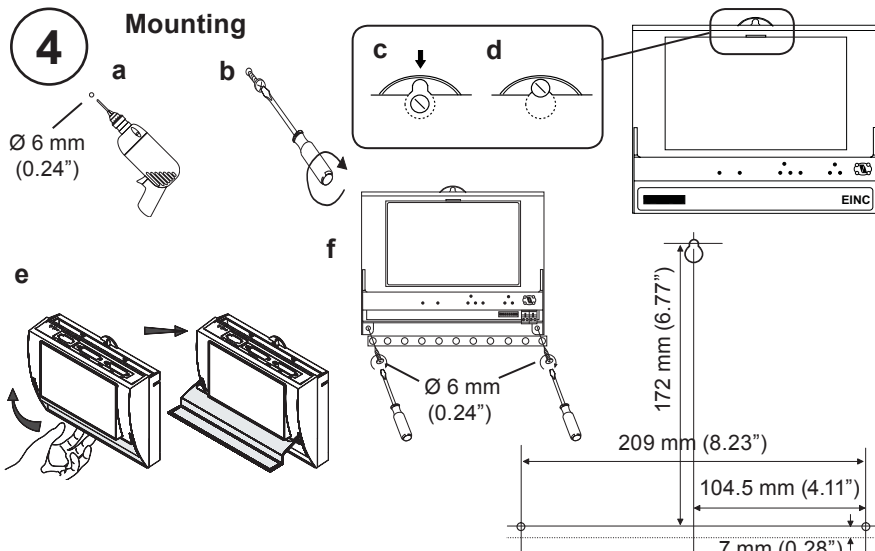
**3 Mount MBOX**

If using ENCLS/MBOX/IQ22x

ENCLS/MBOX/IQ22x  
Installation Instructions  
TG200203.

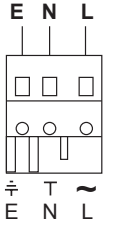
**4 Mounting**



**5 Connecting Power**

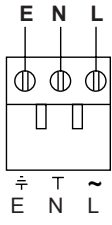
**/230 version**  
NBOX/EINC/230 consumption <= 18 VA

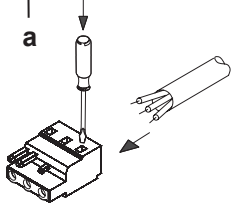
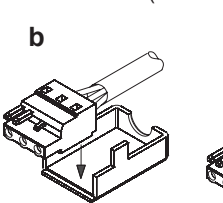
Shrouded plug kit



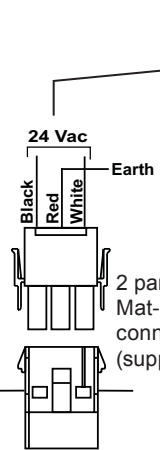
Terminal size 0.5 to 2.5 mm<sup>2</sup> (20 to 14 AWG)

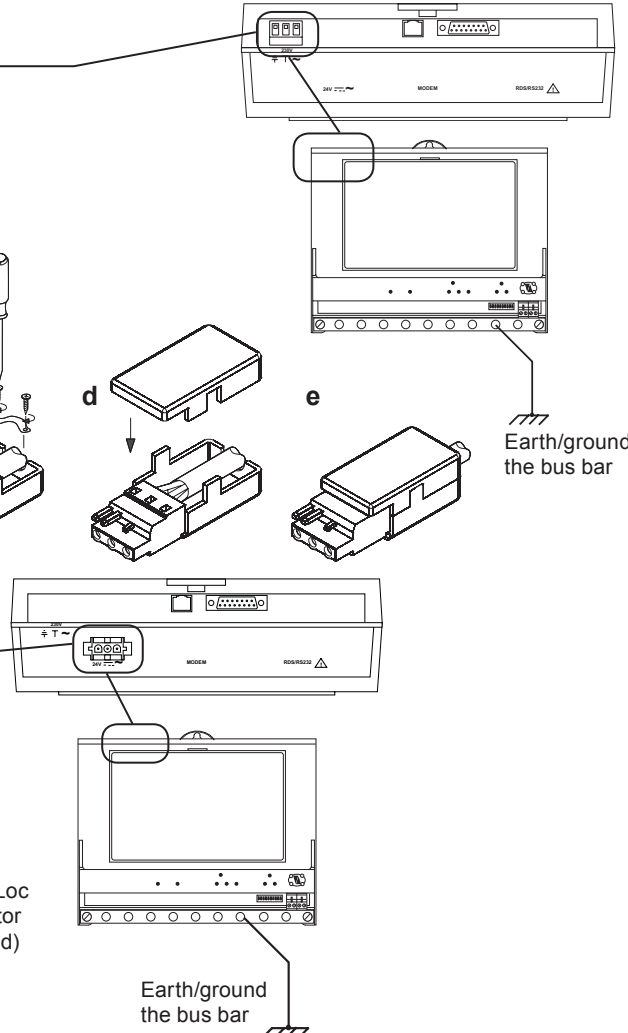
Screw terminal



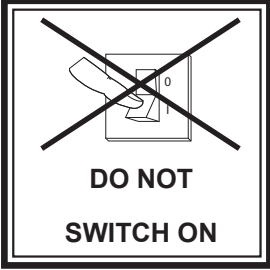



**/24 version (USA only)**  
NBOX/EINC/USA/UL/24VAC consumption <= 24 VA





Earth/ground the bus bar



**DO NOT SWITCH ON**

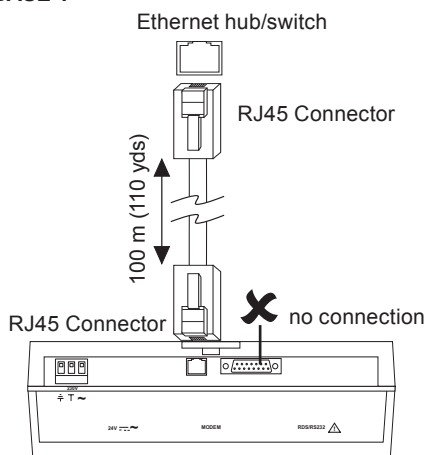
**WARNING:** This apparatus must be earthed/grounded (using input power earth ground terminal).

### 3.1 Installation - Mounting (continued)

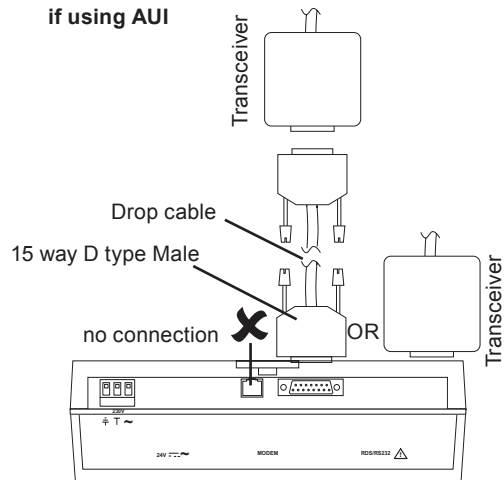
6

#### Connect Ethernet Always interconnect

if 10BASE-T



if using AUI



IQ System Ethernet  
Products Engineering  
Guide, TE200369

#### IMPORTANT

EINCs do NOT support automatic addressing, and MUST NOT be installed on an Ethernet network where automatic addressing is being used.

7

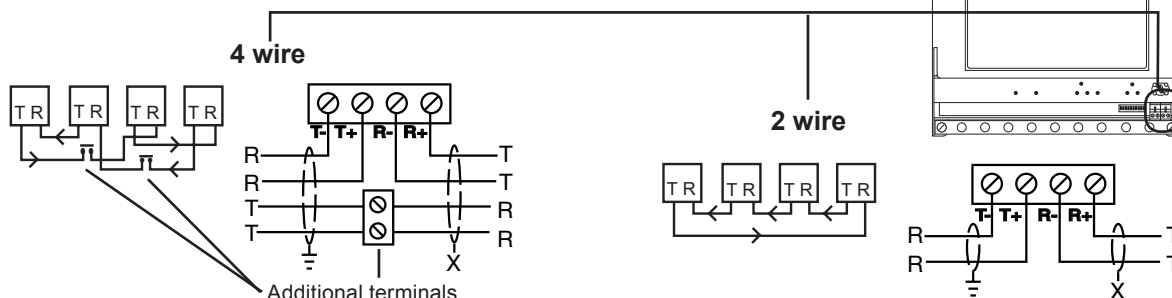
#### Connect Current Loop Maximum Cable distance



Network Engineering  
Manual 92-1735

Cable	1k2 baud	9k6 baud	19k2 baud	38k4 baud	No. of Wires
Belden 9182	1000 m (1090 yds)	1000 m (1090 yds)	700 m (765 yds)	500 m (545 yds)	2
Belden 9207	1000 m (1090 yds)	1000 m (1090 yds)	500 m (545 yds)	350 m (380 yds)	2
Trend TP/1/1/22/HF/200 (Belden 8761)	1000 m (1090 yds)	700 m (765 yds)	350 m (380 yds)	250 m (270 yds)	2
Trend TP/2/2/22/HF/200 (Belden 8723)	1000 m (1090 yds)	500 m (545 yds)	250 m (270 yds)	125 m (135 yds)	4

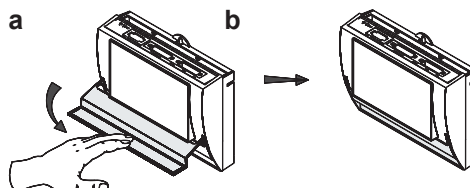
Terminal size 0.5 to 2.55 m<sup>2</sup> (20 to 14 AWG) Polarity independent



Note only one INC type node on a single Lan.

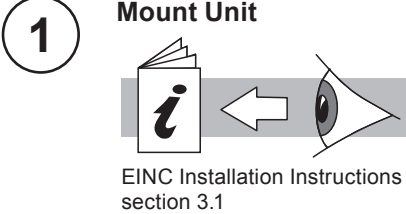
8

#### Close Flap



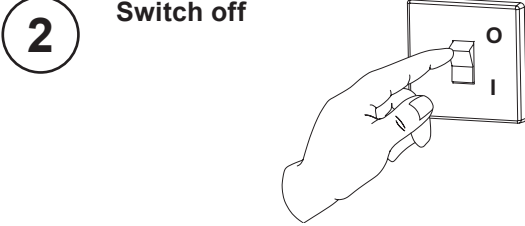
### 3.2 Installation - Configuring

**1 Mount Unit**

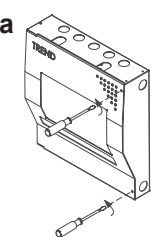
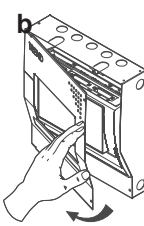


EINC Installation Instructions  
section 3.1

**2 Switch off**

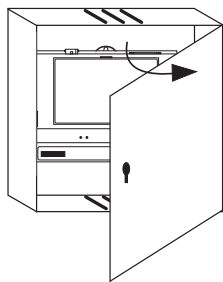


**3 Open Box** (If fitted in ENCLS/MBOX/IQ220)

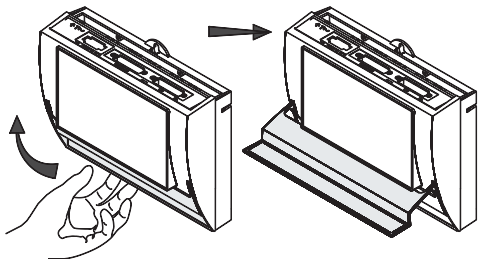
**a**  **b** 

**4 Open Panel**

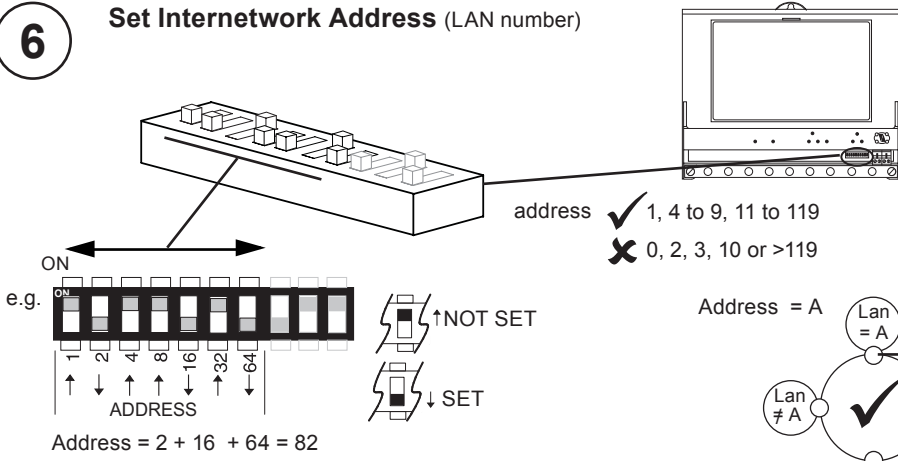
If appropriate



**5 Open Flap**



**6 Set Internetwork Address (LAN number)**



address ✓ 1, 4 to 9, 11 to 119  
✗ 0, 2, 3, 10 or >119

Address = A

Lan = A

Lan ≠ A

Lan ≠ A

Lan ≠ A

Address = A

If address < 100, INC Mode

If address = > 100, Internetwork Extension Mode

Internetwork (on Ethernet)

EINC

Internetwork (on Ethernet)

Lan (on current loop)

Internetwork (on Ethernet)

EINC

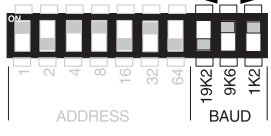
Internetwork (on Ethernet)

Internetwork (on current loop)

### 3.2 Installation - Configuring (continued)

7

Set Current Loop Baud Rate



ADDRESS: 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048, 4096, 8192, 16384, 32768, 65536, 131072, 262144, 524288, 1048576, 2097152, 4194304, 8388608, 16777216, 33554432, 67108864, 134217728, 268435456, 536870912, 1073741824, 2147483648, 4294967296, 8589934592, 17179869184, 34359738368, 68719476736, 137438953472, 274877906944, 549755813888, 1099511627776, 2199023255552, 4398046511104, 8796093022208, 17592186044416, 35184372088832, 70368744177664, 140737488355328, 281474976710656, 562949953421312, 1125899906842624, 2251799813685248, 4503599627370496, 9007199254740992, 18014398509481984, 36028797018963968, 72057594037927936, 144115188075855872, 288230376151711744, 576460752303423488, 1152921504606846976, 2305843009213693952, 4611686018427387904, 9223372036854775808, 18446744073709551616, 36893488147419103232, 73786976294838206464, 147573952589676412928, 295147905179352825856, 590295810358705651712, 1180591620717411303424, 2361183241434822606848, 4722366482869645213696, 9444732965739290427392, 18889465931478580854784, 37778931862957161709568, 75557863725914323419136, 151115727451828646838272, 302231454903657293676544, 604462909807314587353088, 1208925819614629174706176, 2417851639229258349412352, 4835703278458516698824704, 9671406556917033397649408, 19342813113834066795298816, 38685626227668133590597632, 77371252455336267181195264, 154742504910672534362390528, 309485009821345068724781056, 618970019642690137449562112, 1237940039285380274899124224, 2475880078570760549798248448, 4951760157141521099596496896, 9903520314283042199192993792, 19807040628566084398385987584, 39614081257132168796771975168, 79228162514264337593543950336, 158456325028528675187087900672, 316912650057057350374175801344, 633825300114114700748351602688, 1267650600228229401496703205376, 2535301200456458802993406410752, 5070602400912917605986812821504, 10141204801825835211973625643008, 20282409603651670423947251286016, 40564819207303340847894502572032, 81129638414606681695789005144064, 162259276829213363391578010288128, 324518553658426726783156020576256, 649037107316853453566312041152512, 1298074214633706907132624082305024, 2596148429267413814265248164610048, 5192296858534827628530496329220096, 10384593717069655257060992658440192, 20769187434139310514121985316880384, 41538374868278621028243970633760768, 83076749736557242056487941267521536, 166153499473114484112975882535043072, 332306998946228968225951765070086144, 664613997892457936451903530140172288, 1329227995784915872903807060280344576, 2658455991569831745807614120560689152, 5316911983139663491615228241121378304, 10633823966279326983230456482242756608, 21267647932558653966460912964485513216, 42535295865117307932921825928971026432, 85070591730234615865843651857942052864, 170141183460469231731687303715884105728, 340282366920938463463374607431768211456, 680564733841876926926749214863536422912, 1361129467683753853853498429727072845824, 2722258935367507707706996859454145691648, 5444517870735015415413993718908291383296, 10889035741470030830827987437816582766592, 21778071482940061661655974875633165533184, 43556142965880123323311949751266331066368, 87112285931760246646623899502532662132736, 174224571863520493293247799005065324265472, 348449143727040986586495598010130648530944, 696898287454081973172991196020261297061888, 1393796574908163946345982392040522594123776, 2787593149816327892691964784081045188247552, 5575186299632655785383929568162090376495104, 11150372599265311570767859136324180752990208, 22300745198530623141535718272648361505980416, 44601490397061246283071436545296723011960832, 89202980794122492566142873090593446023921664, 178405961588244985132285746181186892047843328, 356811923176489970264571492362373784095686656, 713623846352979940529142984724747568191373312, 1427247692705959881058285969449495136382746624, 2854495385411919762116571938898990272765493248, 5708990770823839524233143877797980545530986496, 11417981541647679048466287755595961091061972992, 22835963083295358096932575511191922182123945984, 45671926166590716193865151022383844364247891968, 91343852333181432387730302044767688728495783936, 182687704666362864775460604089535377456991567872, 365375409332725729550921208179070754913983135744, 730750818665451459101842416358141509827966271488, 1461501637330902918203684832716283019655932542976, 2923003274661805836407369665432566039311865085952, 5846006549323611672814739330865132078623730171904, 11692013098647223345629478661730264157247460343808, 23384026197294446691258957323460528314494920687616, 46768052394588893382517914646921056628989841375232, 93536104789177786765035829293842113257979682750464, 187072209578355573530071658587684226515959365500928, 374144419156711147060143317175368453031918731001856, 748288838313422294120286634350736906063837462003712, 1496577676626844588240573268701473812127674924007424, 2993155353253689176481146537402947624255349848014848, 5986310706507378352962293074805895248510699696029696, 11972621413014756705924586149611790497021399392059392, 23945242826029513411849172299223580994042798784118784, 47890485652059026823698344598447161988085597568237568, 95780971304118053647396689196894323976171195136475136, 191561942608236107294793378393788647952342390272950272, 383123885216472214589586756787577295904684780545900544, 766247770432944429179173513575154591809369561091801088, 1532495540865888858358347027150309183618739122183602176, 3064991081731777716716694054300618367237478244367204352, 6129982163463555433433388108601236734474956488734408704, 12259964326927110866866776217202473468949912977468817408, 24519928653854221733733552434404946937899825954937634816, 49039857307708443467467104868809893875799651909875269632, 98079714615416886934934209737619787751599303819750539264, 196159429230833773869868419475239575503198607639501078528, 392318858461667547739736838950479151006397215279002157056, 784637716923335095479473677900958302012794430558004314112, 1569275433846670190958947355801916604025588861116008628224, 3138550867693340381917894711603833208051177722232017256448, 6277101735386680763835789423207666416102355444464034512896, 12554203470773361527671578846415332832204710888928069025792, 25108406941546723055343157692830665664409421777856138051584, 50216813883093446110686315385661331328818843555712276103168, 100433627766186892221372630771322662657637687111424552206336, 200867255532373784442745261542645325315275374222849104412672, 401734511064747568885490523085290650630550748445698208825344, 803469022129495137770981046170581301261101496891396417650688, 1606938044258990275541962092341162602522202993782792835301376, 3213876088517980551083924184682325205044405987565585670602752, 6427752177035961102167848369364650410088811975131171341205504, 12855504354071922204335696738729300820177623950262342682411008, 25711008708143844408671393477458601640355247900524685364822016, 51422017416287688817342786954917203280710495801049370729644032, 102844034832575377634685573909834406561420991602098741459288064, 205688069665150755269371147819668813122841983204197482918576128, 411376139330301510538742295639337626245683966408394965837152256, 822752278660603021077484591278675252491367932816789931674304512, 1645504557321206042154969182557350504982735865633579863348609024, 3291009114642412084309938365114701009965471731267159726697218048, 6582018229284824168619876730229402019930943462534319453394436096, 13164036458569648337239753460458804039861886925068638906788872192, 26328072917139296674479506920917608079723773850137277813577744384, 52656145834278593348959013841835216159447547700274555627155488768, 105312291668557186697918027683670432318895095400549111254310977536, 210624583337114373395836055367340864637790190801098222508621955072, 421249166674228746791672110734681729275580381602196445017243910144, 842498333348457493583344221469363458551160763204392890034487820288, 1684996666696914987166688442938726917102321526408785780068975640576, 3369993333393829974333376885877453834204643052817571560137951281152, 6739986666787659948666753771754907668409286105635143120275902562304, 13479973333575319897333507543509815336818572211270286240551805124608, 26959946667150639794667015087019630673637144422540572481103610249216, 53919893334301279589334030174039261347274288845081144962207220498432, 107839786668602559178668060348078522694548577690162289924414440996864, 215679573337205118357336120696157045389097155380324579848828881993728, 431359146674410236714672241392314090778194310760649159697657763987456, 862718293348820473429344482784628181556388621521298319395315527974912, 1725436586697640946858688965569256363112777243042596638790631055949824, 3450873173395281893717377931138512726225554486085193277581262111899648, 6901746346790563787434755862277025452451108972170386555162524223799296, 13803492693581127574869511724554050904902217944340773110325048447598592, 27606985387162255149739023449108101809804435888681546220650096895197184, 55213970774324510299478046898216203619608871777363092441300193790394368, 110427941548649020598956093796432407239217743554726184882600387580788736, 220855883097298041197912187592864814478435487109452369765200775161577472, 441711766194596082395824375185729628956870974218904739530401550323154944, 883423532389192164791648750371459257913741948437809479060803100646309888, 1766847064778384329583297500742918515827483896875618958121606201292619776, 3533694129556768659166595001485837031654967793751237916243212402585239552, 7067388259113537318333190002971674063309935587502475832486424805170479104, 14134776518227074636666380005943348126619871175004951664972849610340958208, 28269553036454149273332760011886696253239742350009903329945699220681916416, 56539106072908298546665520023773392506479484700019806659891398441363832832, 113078212145816597093331040047546785012958969400039613319782796882727665664, 226156424291633194186662080095093570025917938800079226639565593765455331328, 452312848583266388373324160190187140051835877600158453279131187530910662656, 904625697166532776746648320380374280103671755200316906558262375061821325312, 1809251394333065553493296640760748560207343510400633813116524750123642650624, 3618502788666131106986593281521497120414687020801267626233049500247285301248, 7237005577332262213973186563042994240829374041602535252466099000494570602496, 14474011154664524427946373126085988481658748083205070504932198000989141204992, 28948022309329048855892746252171976963317496166410141009864396001978282409984, 57896044618658097711785492504343953926634992332820282019728792003956564819968, 115792089237316195423570985008687907853269984665640564039457584007913129639936, 231584178474632390847141970017375815706539969331281128078915168015826259279872, 463168356949264781694283940034751631413079938662562256157830336031652518559744, 926336713898529563388567880069503262826159877325124512315660672063305037119488, 1852673427797059126777135760139006525652319754650249024631321344126610074238976, 3705346855594118253554271520278013051304639509300498049262642688253220148477952, 7410693711188236507108543040556026102609279018600996098525285376506440296955904, 14821387422376473014217086081112052205218558037201992197050570753012880593911808, 29642774844752946028434172162224104410437116074403984394101141506025761187823616, 59285549689505892056868344324448208820874232148807968788202283012051522375647232, 118571099379011784113736688648896417641748464297615937576404566024103044751294464, 237142198758023568227473377297792835283496928595231875152809132048206089502588928, 474284397516047136454946754595585670566993857190463750305618264096412179005177856, 948568795032094272909893509191171341133987714380927500611236528192824358010355712, 1897137590064188545819787018382342682267975428761855001222473056385648716020711424, 3794275180128377091639574036764685364535950857523710002444946112771297432041422848, 7588550360256754183279148073529370729071901715047420004889892225542594864082845696, 15177100720513508366558296147058741458143803430094840009779784451085189728165691392, 30354201441027016733116592294117482916287606860189680019559568902170379456331382784, 6

### 3.2 Installation - Configuring (continued)

**12 Check Current Loop network**

RX (yellow) ✓

TX (yellow) ✓

OK (green) ✓

Network Address Invalid  
0,2,3 or >119

Check network cabling for short circuits with a multimeter (NOT Megger)

Check baud rate

Power up other nodes until faulty node is found (OK (checkmark icon)). Correct fault.

**13 Connect to EINC with IP Tool**

**Either over Ethernet**

SET v6 (including IP Tool)

Router

Router

EINC

Initially access EINC using its MAC address

**or Local PC Ethernet Connection**

XCITE/XA crossover adaptor order separately (XCITEXA/5 - pack of 5)

SET v6 (including IP Tool)

Local PC (Ethernet) connection can be either to adjacent Ethernet hub using standard cable only, or directly to EINC using standard cable and crossover adaptor, XCITE/XA.

SET Manual TE200147  
IP Tool Manual TE200638

**14 Configure Addressing Details with IPTool**

SET v6 (including IP Tool)

Router

Router

EINC

Initially access EINC using its MAC address

SET Manual TE200147  
IP Tool Manual TE200638

Parameter	Setting	Default	Function	Condition	Note	
Address Module	IP Address	IP Address 0.0.0.0. to 255.255.255.255	128.1.1. <address switch>	Ethernet IP address	Last section set automatically to address switch setting	1
	Subnet Mask	Mask 0.0.0.0. to 255.255.255.255	255.255.255.0	Mask applied to IP address to generate subnet number	All EINC's on same channel must be on same subnet to create internetwork	1
	UDP Port	0 to 65535	57612	Ethernet UDP port used by IQ system equipped on Ethernet	All IQ system devices must use same port to intercommunicate	2
	Router 1	IP Address 0.0.0.0. to 255.255.255.255	0.0.0.0.	IP address of router on same subnet as EINC	MUST be set up for communications outside own subnet	3
	Lan number	Lan number 1, 4 to 9, 11 to 119	20	Lan number of EINC on internetwork <SET BY ADDRESS SWITCH>		4
	Identifier	15 alphanumeric characters - not \/{;?* characters	EINC	Identifier for EINC	Always set up for supervisors/display panels	

## 3.2 Installation - Configuring (continued)

14

## Configure Addressing Details with IPTool (continued)

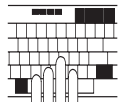
Parameter	Setting	Default	Function	Condition	Note
Virtual CNCx (x = 1 to 4)	CNC Address	node address 1, 4 to 9, 11 to 119	4	Node address of virtual CNC on virtual Trend Lan	If virtual CNC is to be used 5,6
	Port address	Ethernet port 1 to 32767	disabled	Ethernet port of virtual CNC	If virtual CNC is to be used and if default needs to be changed 6,7
	alarm IP address	IP address e.g. 171.193.6.106	disabled	IP address of target device (e.g. supervisor)	if CNC used in alarm mode 6,8
Remote Trend Device x (remote EINC's) (x = 1 to 20)	IP Address	IP address 0.0.0.0 to 255.255.255.255	empty list	IP address of IQ system Ethernet device other side of router	If network to span router 9, 10
	Subnet Mask	Mask 0.0.0.0 to 255.255.255.255	empty list	Subnet mask of IQ system Ethernet device other side of router	
Device Mode		networked	unconfigured	networked/stand alone on Ethernet	Set to stand alone if only IQ system device on Ethernet 11

1. Change if address clash on Ethernet or if routers between EINC's.
2. May change UDP port if port already used on Ethernet, or if multiple internetworks (i.e. sites) required on subnet (see Data Sheet).
3. Enables EINC virtual CNC to access Ethernet PC across router, or EINC to find other IQ system Ethernet devices across router.
4. Also used by IQ system Supervisors and software tools to access EINC (Device address always 126).
5. Virtual CNC's inoperative until address set up.
6. Set up each virtual CNC used, separately.
7. Same port number to be set up in supervisor to communicate with virtual CNC.
8. Use virtual CNC in alarm mode to send alarms to Ethernet 962 v3 or greater/963 which connects via TCP dial up.
9. Lowest IP address (IQ3xcite or EINC) on each subnet across router to be set up; as many as possible in each subnet recommended.
10. If using 'updatelist' facility (not recommended for mixed EINC/IQ3xcite system) also set up this EINC's details (and other EINC's on this EINC's subnet, if not broadcast).
11. Out of the factory mode is 'unconfigured' which changes to 'networked' on first write to EINC by IPTool.

15

## Configure

Top Menu  
User addRes rouTer virtualCncs  
remoteEincs uPdatelist

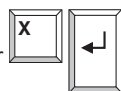


e.g.

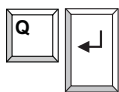


select addRes module

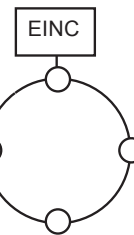
to eXit module having changed parameter



to Quit module and discard changes



SET



Note that configuration of EINC over Ethernet is possible via a virtual CNC once the virtual CNC address is set up and if IP addressing is set up correctly in both PC and EINC (see step 14)

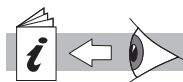
**SET Manual TE200147**  
**EINC Data Sheet TA200137**  
**IQ System Ethernet Products Engineering Guide TE22369**

Note that a PIN may be required to make changes in configuration mode. If the PIN has been forgotten the user should contact Technical Support quoting the generator number (User module) and MAC address (address module) whereupon a default PIN will be supplied. This will only work during the same configuration mode session i.e. the utility must not be exited between reading the generator and entering the default PIN. After the PIN is entered a new PIN should be set up and remembered.

### 3.2 Installation - Configuring (continued)

**16**

#### Configure Optional Settings Using SET

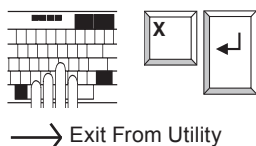

 SET Manual TE200147  
 EINC Data Sheet TA200137

Parameter		Setting	Function	Condition	Note
addRes	iIdentifier	15 alphanumeric characters - not \/{;? characters	Identifier for Lan	Always set for supervisors/Display Panels	
	local network alarms to	Address	node address 1, 4-9, 11-119	node address of EINC alarm target for Trend current loop network alarms	1
		Remote lan	Lan number 1, 4-9, 11-119	Lan number of EINC alarm target for Trend current loop network alarms	1
	ethernet alarms to	addrEss	node address 1, 4-9, 11-119	node address of EINC alarm target for Ethernet alarms	1
		remoTe lan	Lan number 1, 4-9, 11-119	Lan number of EINC alarm target for Ethernet alarms	1
	alarm language type	0 to 9 (digit)	Selects language of network alarms	If language to be changed	2
User	Pin	number	Protects changes in configuration mode	Default is blank (unprotected). Set up if security required.	
	generator	number	random number for default PIN generation	Read only, give to Technical Support with Ethernet mac address for default PIN see step 15..	
remoteEincs	send as Broadcast	Y (1) or N (0)	Broadcast to EINC subnet if Y or directed to 1 EINC on subnet if N	Default Y, broadcast. Change if broadcast messages prohibited by router	3
uPdatelist	Copy your remote EINC list to other EINC's (Y/N)	Copies remoteEincs list to local subnet and all subnets with EINC in list		If internetwork to span router, and to facilitate setup	4

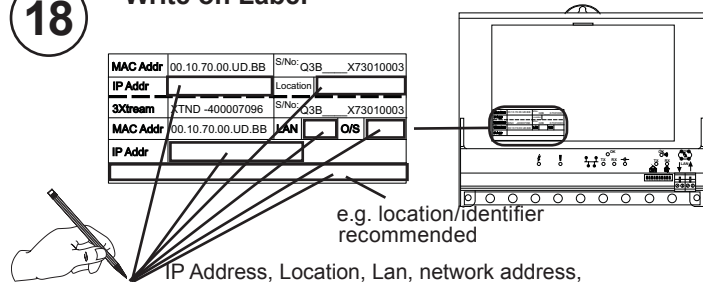
- 1 If set to zero - no alarms reported.
- 2 Language type values: 0=English, 1=Spanish, 2=Finnish, 3=Swedish, 4=Norwegian, 5=Danish, 6=German, 7=Italian, 8=Portuguese, 9=French.
- 3 Broadcast preferable as it enables the internetwork link to be made by way of the subnet of EINC's across router, rather than one EINC. However, normally stopped by router.
- 4 This facility allows **remoteEincs** list in one EINC to be set up, and then the list (including Broadcast status) to be copied to all other EINC's so that internetwork across routers can be formed (not recommended for mixed EINC/IQ3 system).

**17**

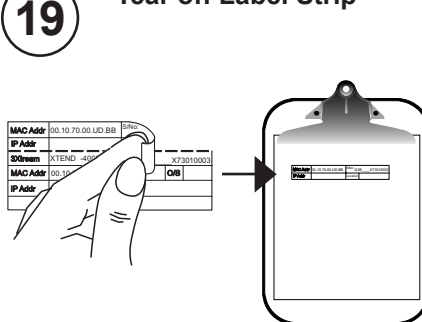
#### Exit from Configuration


**18**

#### Write on Label


**19**

#### Tear off Label Strip

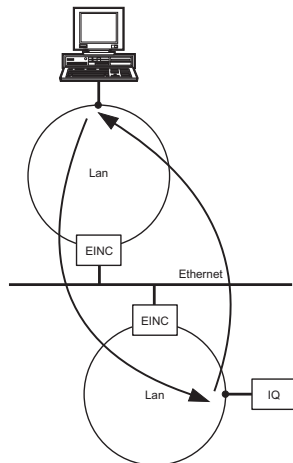




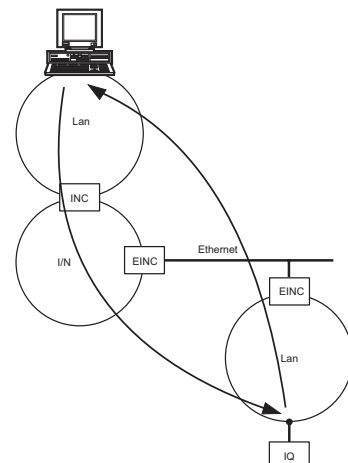
### 3.2 Installation - Configuring (continued)

#### 20 Check Communications

If address <100

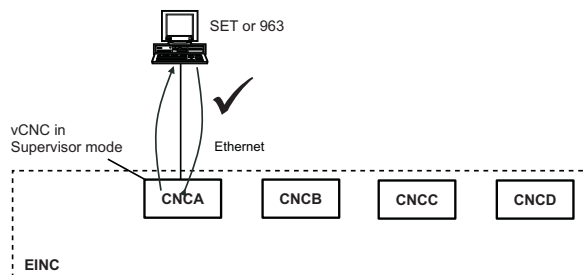


If address  $\geq$ 100

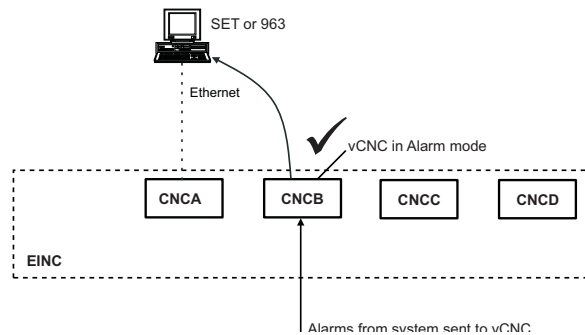


#### 21 Check Virtual CNCs

Virtual CNC in Supervisor Mode

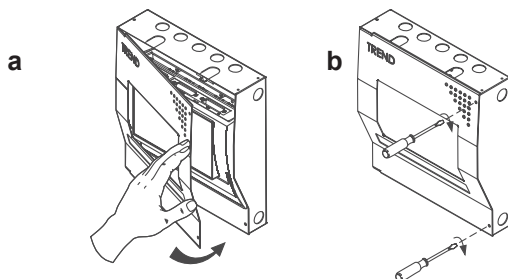


Virtual CNC in Alarm Mode



#### 22 Close MBOX

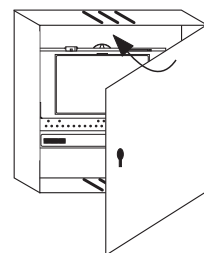
if fitted in ENCLS/MBOX/IQ22x



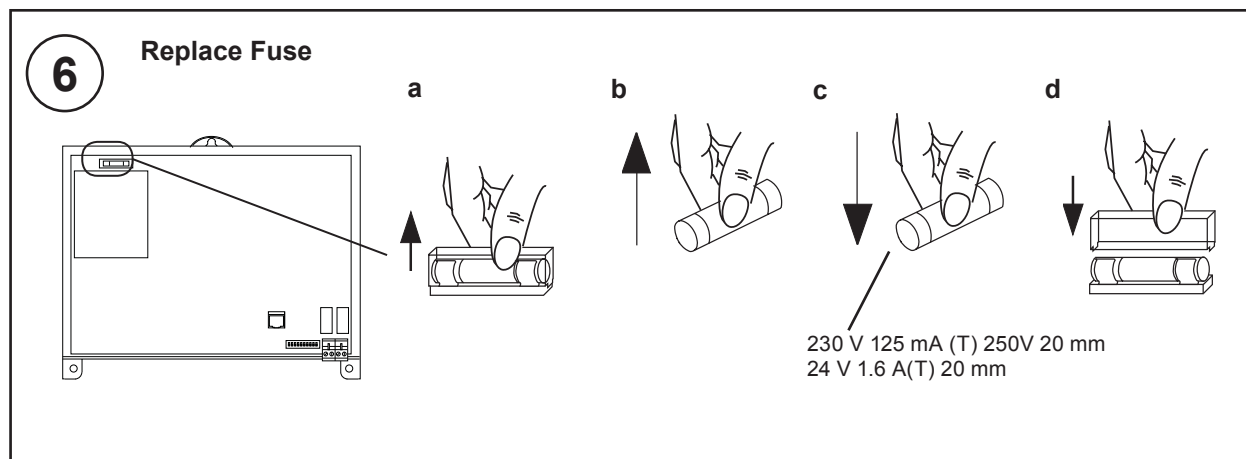
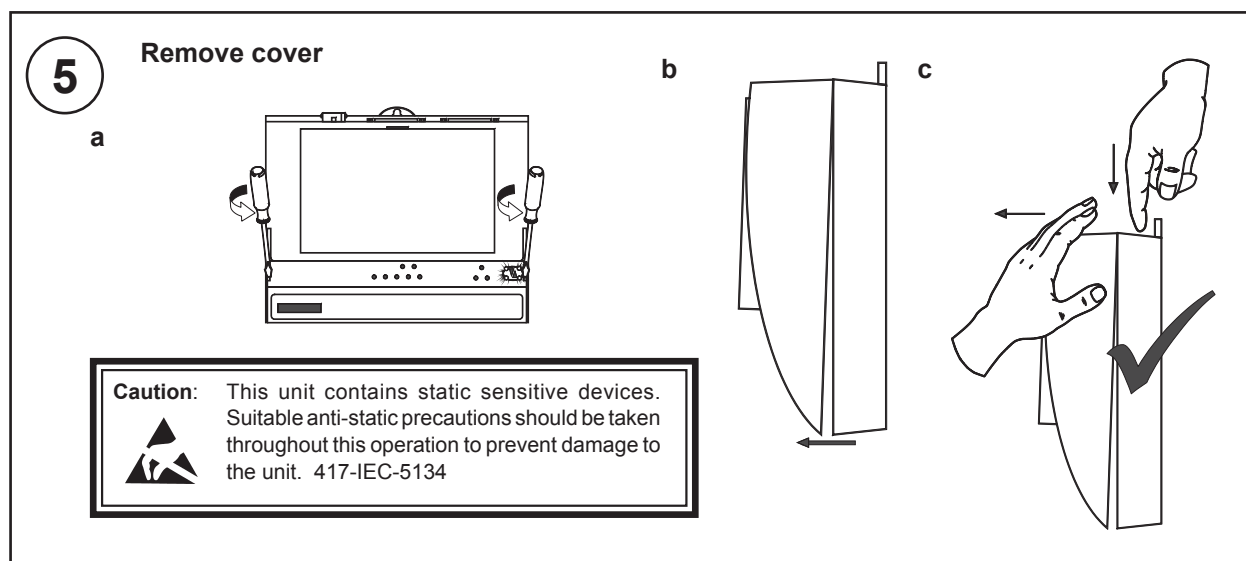
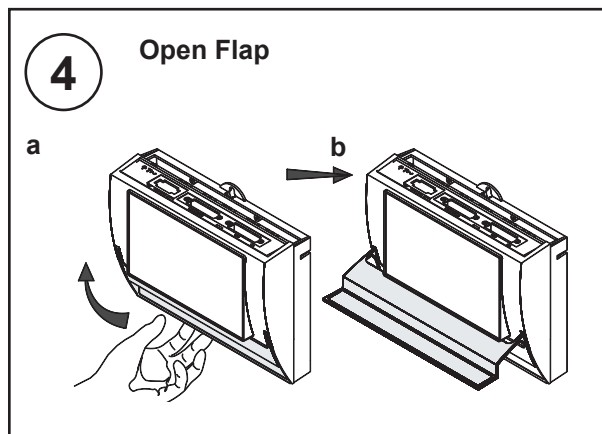
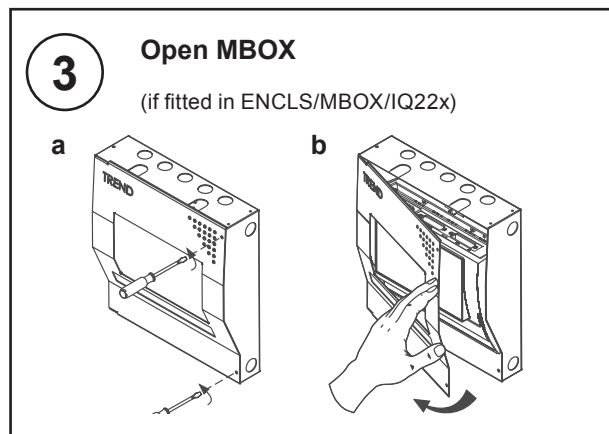
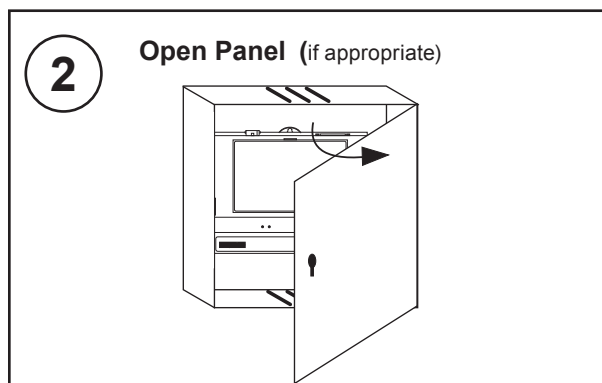
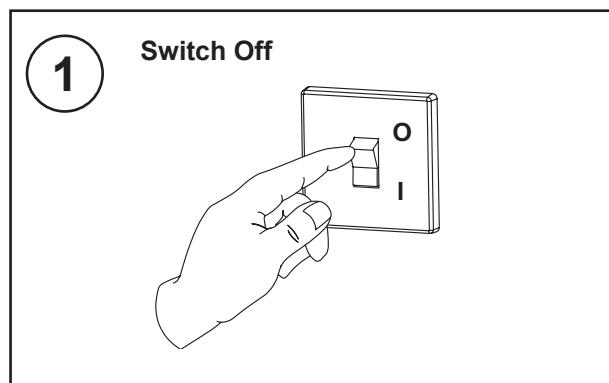
#### 23 Close Panel

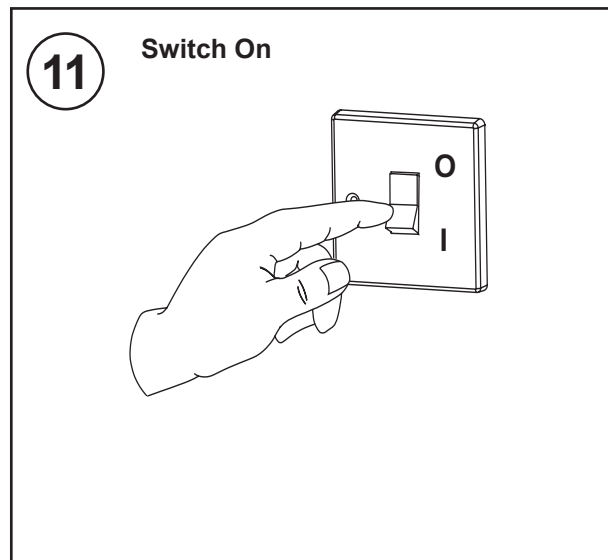
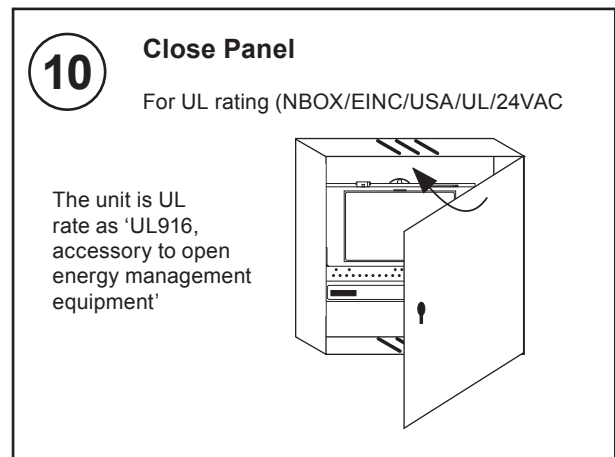
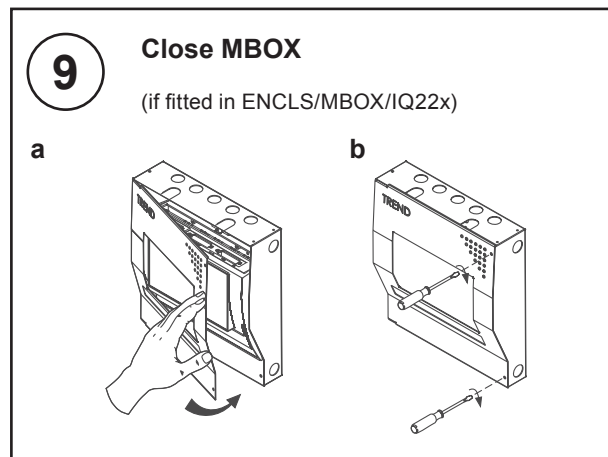
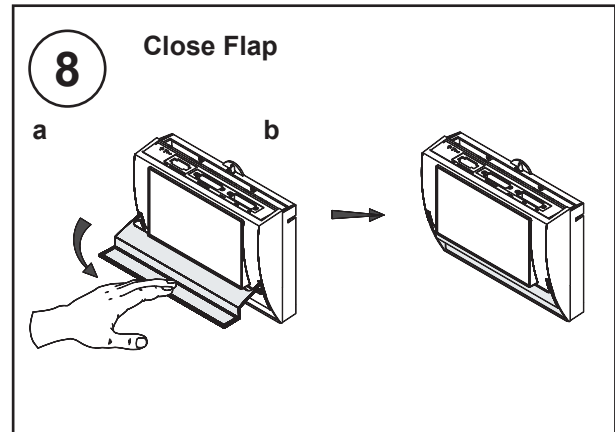
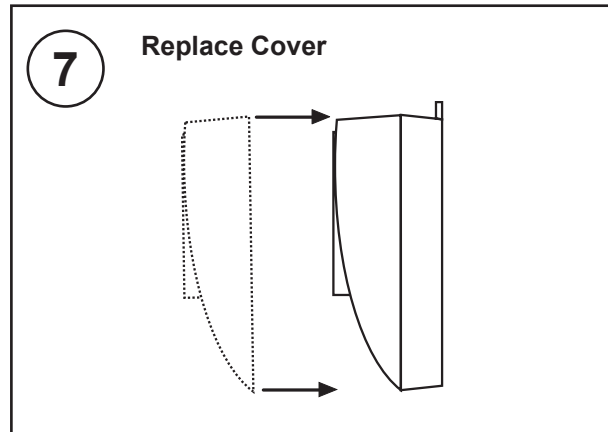
For UL rating (NBOX/EINC/USA/UL/24VAC)

The unit is UL rate as 'UL916, accessory to open energy management equipment'



## 4 Replacing the Fuse



**4 Replacing the Fuse** (continued)

## 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.

Please send any comments about this or any other Trend technical publication to [techpubs@trendcontrols.com](mailto:techpubs@trendcontrols.com)

© 2010 Honeywell Technologies Sàrl, ECC Division. All rights reserved. Manufactured for and on behalf of the Environmental and Combustion Controls Division of Honeywell Technologies Sàrl, Z.A. La Pièce, 16, 1180 Rolle, Switzerland by its Authorized Representative, Trend Control Systems Limited.

Trend Control Systems Limited reserves the right to revise this publication from time to time and make changes to the content hereof without obligation to notify any person of such revisions or changes.

**Trend Control Systems Limited**

Albery House, Springfield Road, Horsham, West Sussex, RH12 2PQ, UK. Tel: +44 (0)1403 211888 Fax: +44 (0)1403 241608 [www.trendcontrols.com](http://www.trendcontrols.com)

**Trend Control System USA**

6670 185<sup>th</sup> Avenue NE, Redmond, Washington 98052, USA. Tel: (425) 869-3900 Fax: (425) 869-8445 [www.trendcontrols.com](http://www.trendcontrols.com)