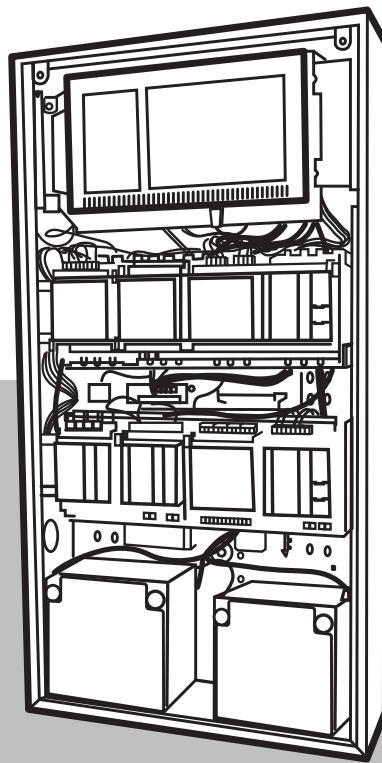


AVENAR panel series



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1 Ειδοποιήσεις

1.1 Περιεχόμενα

Το παρόν διάγραμμα καλωδίωσης υποδεικνύει πώς συνδέονται, βασικά, οι περιφερειακές συσκευές στον πίνακα πυρανίχνευσης. Οι εθνικοί και τοπικοί κανονισμοί δεν λαμβάνονται υπόψη. Η εφαρμογή εθνικών και τοπικών απαιτήσεων μπορεί να οδηγήσει σε περαιτέρω συνδέσεις.



Γνωστοποίηση!

Οι συνδέσεις που παρουσιάζονται στο παρόν έγγραφο εφαρμόζονται επίσης στον AVENAR panel 2000, με την προϋπόθεση ότι τα μεμονωμένα εξαρτήματα αποτελούν εγκεκριμένες από την Bosch Sicherheitssysteme GmbH επεκτάσεις του AVENAR panel 2000.



Γνωστοποίηση!

Οι συνδέσεις του LSN 0300 A που παρουσιάζονται στο παρόν έγγραφο ισχύουν και για το δομοστοιχείο LSN 1500 A.

Έχετε υπόψη σχετικά με τη μονάδα LSN 1500 A ότι για εγκαταστάσεις στη Γερμανία, όπου απαιτείται συμμόρφωση με το VdS 2540, η γραμμή AUX και η γραμμή LSN πρέπει να βρίσκονται σε ξεχωριστά καλώδια.

1.2 Πληροφορίες προϊόντων

- Μπορείτε να βρείτε οδηγίες εγκατάστασης για τα μεμονωμένα εξαρτήματα του πίνακα πυροπροστασίας στο περιλαμβανόμενο Εγχειρίδιο εγκατάστασης.
- Περισσότερες πληροφορίες (Εγχειρίδια χρήσης, Οδηγός δικτύωσης, Εγχειρίδιο συστήματος) είναι διαθέσιμες στο διαδίκτυο στη διεύθυνση: www.boschsecurity.com

1.3 Σημαντικές σημειώσεις

- Χρησιμοποιείτε τα υλικά εγκατάστασης μόνο σύμφωνα με τις συστάσεις της Bosch Security Systems.
- Εκτελείτε εργασίες μετατροπής και συγκόλλησης μόνο φορώντας περικάρπιο γείωσης.
- Οι εργασίες συναρμολόγησης και εγκατάστασης πρέπει να εκτελούνται μόνο από κατάλληλα εκπαιδευμένο προσωπικό.
- Προσέχετε τα κριτήρια σύνδεσης των περιφερειακών αρχών/υπηρεσιών.



Κίνδυνος!

Η επαφή με εξαρτήματα με ηλεκτρική τάση μπορεί να αποβεί μοιραία. Αποσυνδέετε την παροχή ισχύος πριν από εργασίες εγκατάστασης.

Αγωγός θωράκισης καλωδίου

Είναι απαραίτητος ένας αγωγός θωράκισης καλωδίου και για τις δύο συνδέσεις καλωδίων στο CZM 0004 A και για τη σύνδεση των ακόλουθων προϊόντων:

- FBF 100 LSN
- FMF-ADP, FMF-FAT, FMF-FBF-FAT, FMF-FIBS-A4, FMF-FIBS-A3

Το παρακάτω παράδειγμα καλωδίωσης δείχνει πώς να εφαρμόσετε έναν αγωγό θωράκισης καλωδίου.

Γνωστοποίηση!

Αν ο αγωγός της θωράκισης του καλωδίου LSN πρέπει να συνδέεται, τότε προχωρήστε σύμφωνα με τις προδιαγραφές LSN.

- Συνδέστε τη θωράκιση του καλωδίου LSN της πλευράς του πίνακα στον αντίστοιχο λειτουργικό σύνδεσμο γείωσης:

δύο συνδέσεις στην αρχή και στο τέλος ενός βρόχου
μία σύνδεση στην αρχή ενός στελέχους

- Συνδέστε στον βρόχο διέλευσης τη θωράκιση καλωδίου σε όλες τις περιφερειακές συσκευές LSN με χρήση των παρεχόμενων ακροδεκτών

- Δεν επιτρέπεται επιπλέον σύνδεση σε θωράκιση καλωδίου LSN, ούτε σε συνδέσμους γείωσης σε οποιαδήποτε θέση ούτε σε άλλους ηλεκτρικούς ακροδέκτες.



1.4 Σημειώσεις χρήστη

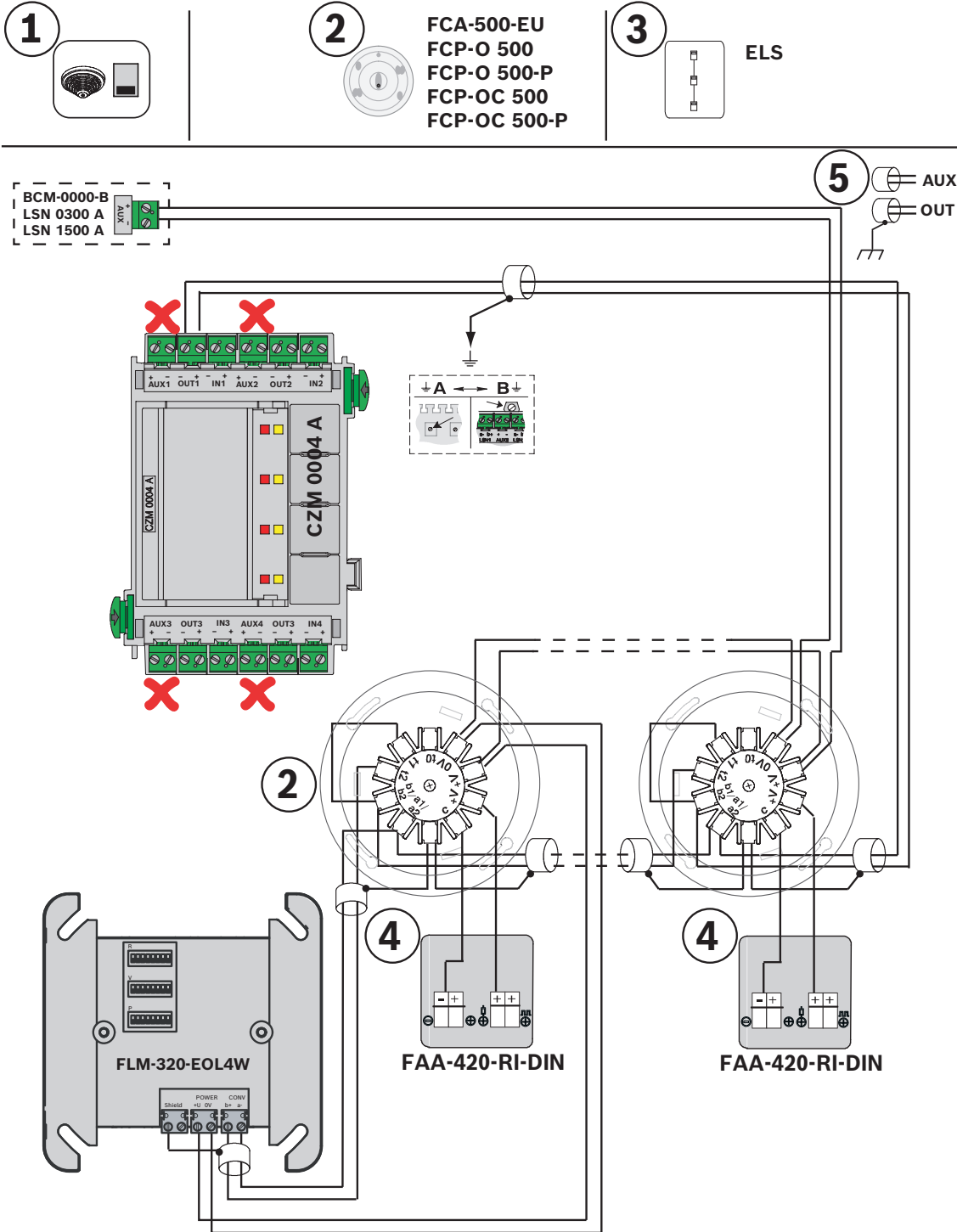
Το παρόν διάγραμμα καλωδίωσης παρουσιάζεται ως εξής:

- Το κεφάλαιο Ενσυρμάτωση είναι ταξινομημένο βάσει της συσκευής στην οποία είναι συνδεδεμένη μια περιφερειακή συσκευή. Η καλωδίωση δείχνει την απευθείας σύνδεση μιας συσκευής σε άλλη (χωρίς επικαλυπτόμενες συνδέσεις).
- Θα βρείτε μια συλλογή όλων των καλωδιώσεων που είναι εμπλουτισμένες με πρόσθετα δομοστοιχεία EOL για σταδιακή ανοικτή παρακολούθηση στην ενότητα EOL.

Για να βρείτε την απαιτούμενη καλωδίωση, χρησιμοποιήστε επίσης τα εξής:













- τους πίνακες περιεχομένων στην αρχή του κεφαλαίου Ενσυρμάτωση και στην αρχή των ενότητων Λειτουργικά δομοστοιχεία, Δομοστοιχεία διασύνδεσης και EOL.
- το Index (ανεξάρτητα από τη γλώσσα),

– και την αναζήτηση πλήρους κειμένου.
 Βλ. το παρακάτω δείγμα καλωδίωσης:







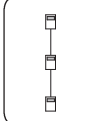
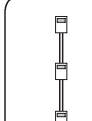
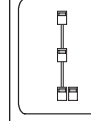
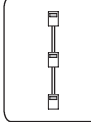
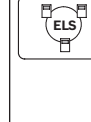





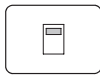
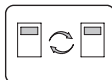

1	Σύμβολα κεφαλαίου (Σύμβολα κεφαλαίου, σελίδα 7)
2	Συνδεόμενη περιφερειακή συσκευή
3	Σύμβολα σύνδεσης (Σύμβολα σύνδεσης, σελίδα 7)
4	Προαιρετικά εξαρτήματα
5	Τροφοδοτικό και καλωδίωση (Τροφοδοτικό και καλωδίωση, σελίδα 8)

1.4.1 Σύμβολα κεφαλαίου



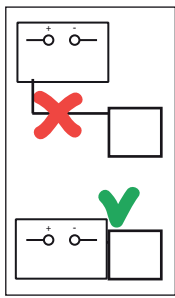
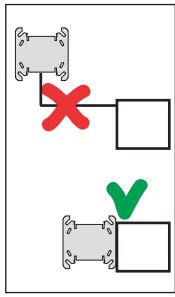

	Αυτόματοι ανιχνευτές		Πίνακες χειρισμού και ενδείξεων		Εκτυπωτής
	Τροφοδοτικό		Λειτουργικά δομοστοιχεία		Εξοπλισμό πυροσβεστικής υπηρεσίας
	Μονάδες διασύνδεσης		Συστήματα πυρόσβεσης		Κομβία αναγγελίας πυρκαγιάς
	Συσκευές σηματοδότησης		Έλεγχοι πόρτας		Μονάδες μετάδοσης

1.4.2 Σύμβολα σύνδεσης

	Υποχρεωτική καλωδίωση		Προαιρετική καλωδίωση		Δεν επιτρέπεται
	Πλεονασμός		Καλωδίωση βρόχου		Καλωδίωση βρόχου με εφεδρικό στοιχείο
	Καλωδίωση στελέχους		Εφεδρική καλωδίωση στελέχους		Καλωδίωση στελέχους με εφεδρικό στοιχείο
	Εφεδρική καλωδίωση στελέχους με εφεδρικό στοιχείο	ELS	<p>Η καλωδίωση αυτή συμμορφώνεται με το VdS 2489 / VdS 2540 / VdS 2541 / VdS 2543. Το ακρωνύμιο ELS προέρχεται από τον όρο Extended Line Supervision, το οποίο σημαίνει σταδιακό βραχυκύκλωμα και σταδιακή ανοικτή παρακολούθηση. Η συγκεκριμένη καλωδίωση παρέχει τη δυνατότητα ELS.</p> <p>Ένα σταδιακό βραχυκύκλωμα εντοπίζεται από τα εξής δομοστοιχεία: LSN 0300 A, LSN 1500 A και BCM-0000-B όταν χρησιμοποιείται το FPP-5000-T113.</p>		Αυτή η καλωδίωση βρόχου συμμορφώνεται με το VdS 2489 / VdS 2540 / VdS 2541 / VdS 2543. Προσφέρει ELS. Πρόσθετα δομοστοιχεία EOL δεν είναι απαραίτητα.
	Συγχρονισμός		Περιοχές με κίνδυνο έκρηξης		Πίνακας

	Αυτόνομος πίνακας		Αυτόνομος πίνακας με πλεονασμό		Για βάσεις ανιχνευτή: Η καλωδίωση αφορά αποκλειστικά και μόνο τη βάση του ανιχνευτή στην οποία είναι εγκατεστημένος ο ανιχνευτής.
EN 54-2, DIBT κ.λπ.	Εάν απαιτείται συμμόρφωση με αυτό το πρότυπο, τότε χρησιμοποιήστε την προβλεπόμενη καλωδίωση.				

1.4.3 Τροφοδοτικό και καλωδίωση

	Απαιτείται καλώδιο 2 συρμάτων.
	Απαιτείται θωρακισμένο καλώδιο 2 συρμάτων.
	Το περίβλημα του προϊόντος που περιέχει το τροφοδοτικό πρέπει να τοποθετείται χωνευτά με το στοιχείο.
	Απαιτείται χωνευτή τοποθέτηση για τη μονάδα διασύνδεσης.
 Reset action	Ανατρέξτε στην καλωδίωση στο παρόν εγχειρίδιο. Για να παρέχεται αυτόματη επαναφορά της συσκευής, πρέπει να εφαρμόσετε την ενέργεια επαναφοράς.

1.5 Τιμές αντίστασης

Ο ακόλουθος πίνακας παρέχει μια ανασκόπηση της χρωματικής κωδικοποίησης των αντιστάσεων. Οι αντιστάσεις μεταλλικής μεμβράνης που παρέχονται με το προϊόν έχουν 5 χρωματιστούς δακτυλίους, οι οποίοι υποδεικνύουν την τιμή της αντίστασης.

Χρωματιστός	1. δακτύλιος	2. δακτύλιος	3. δακτύλιος	4. δακτύλιος (πολλαπλασιαστής)	5. δακτύλιος (ανοχή)
Ασημί				10^{-2}	±10%
Χρυσό				10^{-1}	±5%
Μαύρο		0	0	10^0	
Καφέ	1	1	1	10^1	±1%
Κόκκινο	2	2	2	10^2	±2%
Πορτοκαλί	3	3	3	10^3	±0.05%
Κίτρινο	4	4	4	10^4	±0.02%
Πράσινο	5	5	5	10^5	±0.5%
Μπλε	6	6	6	10^6	±0.25%
Μωβ	7	7	7	10^7	±0.1%
Γκρι	8	8	8	10^8	±0.01%
Λευκό	9	9	9	10^9	

Σύμφωνα με το πρότυπο DIN EN 60062:2017

Πορτοκαλί — λευκό — μαύρο — καφέ — καφέ: αντίσταση 3,9 kΩ με ανοχή 1%,

Κόκκινο — κόκκινο — μαύρο — καφέ — καφέ: αντίσταση 2,2 kΩ με ανοχή 1%.

2 Wiring



FPP-5000 Power supply, σελίδα 11

FPP-3000 Power supply (ZSP135-DR-5A-3/ZSP135-OUT6), σελίδα 13

DIBT, σελίδα 15

Functional Modules, σελίδα 42

BCM-000-B, σελίδα 43

CZM 0004 A, σελίδα 45

ENO 0000 A/B, σελίδα 61

LSN 0300 A, σελίδα 68

NZM 0002 A, σελίδα 106

RMH 0002 A, σελίδα 119

IOS 0020 A, σελίδα 120

FPE-5000-UGM, σελίδα 122

Interface Modules, σελίδα 124

FLM-420-4/CON-D/S, σελίδα 125

FLM-420-I8R1-S, σελίδα 158

FLM-420-NAC-D/S, σελίδα 160

FLM-420-RHV, σελίδα 172

FLM-420-RLE-S, σελίδα 184

FLM-420-RLV1-E, σελίδα 185

FLM-420-RLV8-S, σελίδα 186

FMF-ADP-FBF/FMF-ADP-TTY, σελίδα 187

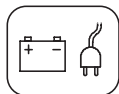
EOL, σελίδα 188

CZM 0004 A, σελίδα 189

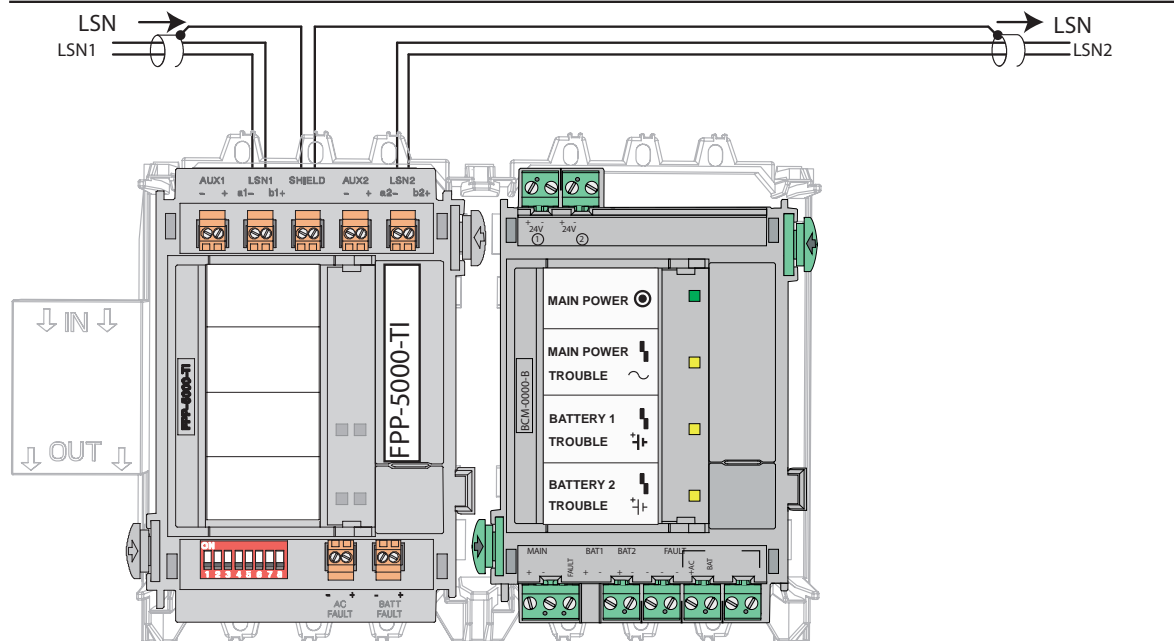
LSN 0300 A, σελίδα 201

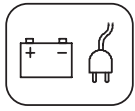
FLM-420/4-CON-S/D, σελίδα 246

2.1 FPP-5000 Power supply



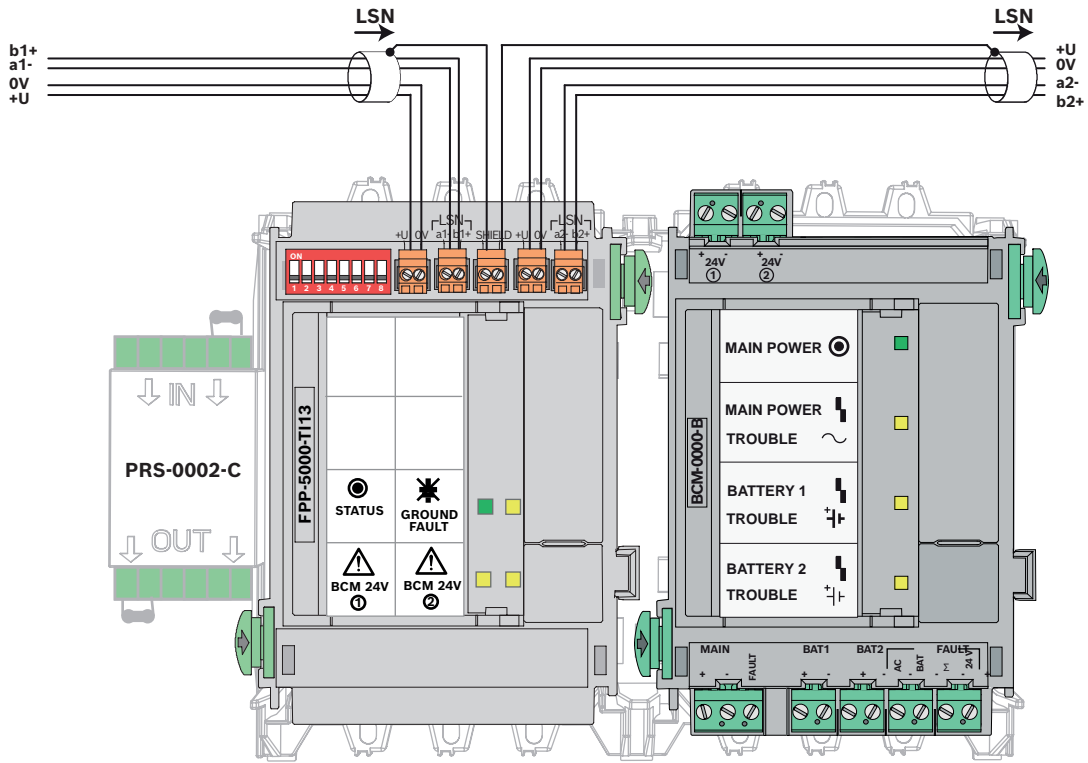
FPP-5000-TI



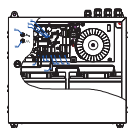
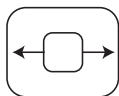


FPP-5000-TI13

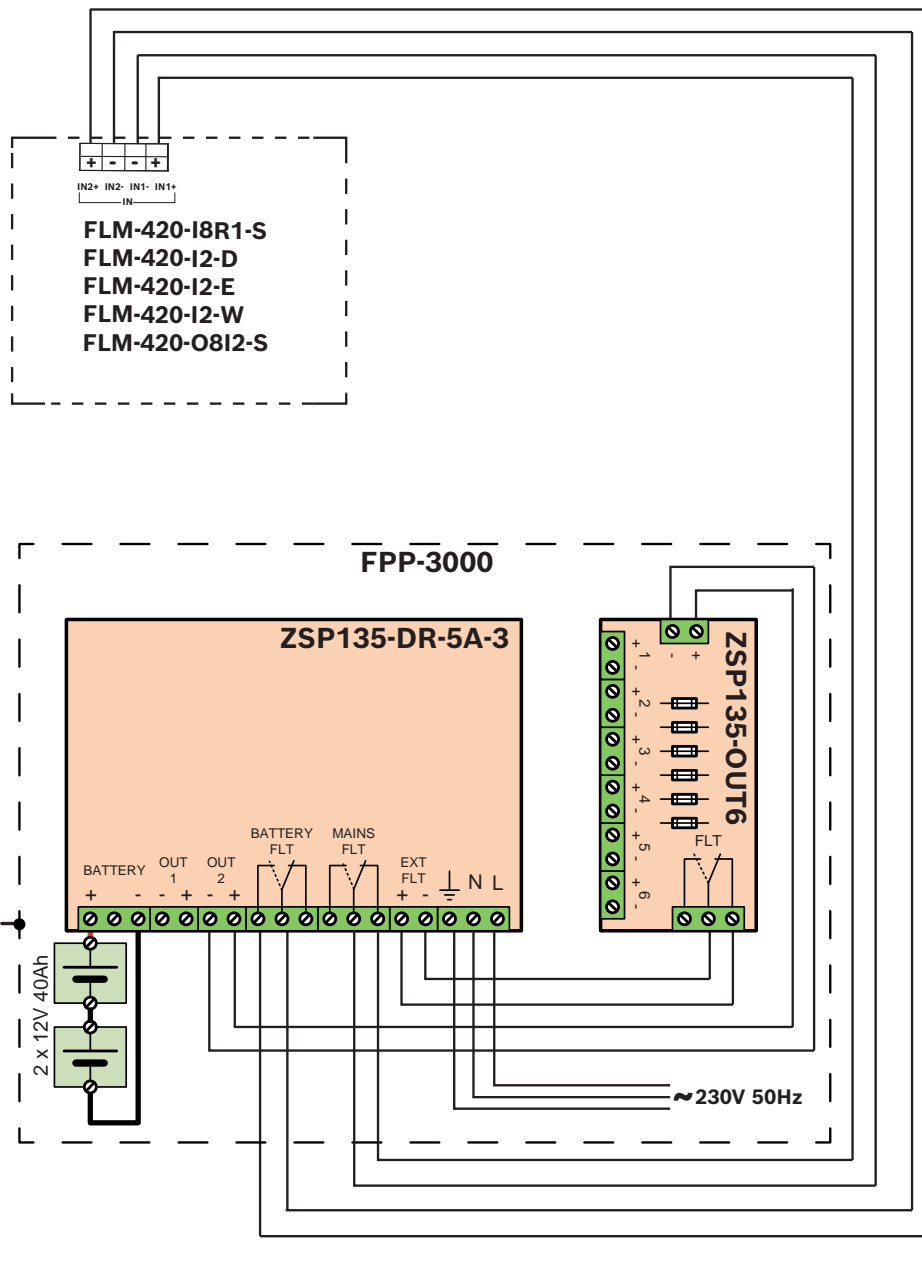
ELS

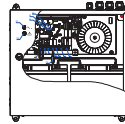
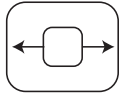


2.2 FPP-3000 Power supply (ZSP135-DR-5A-3/ZSP135-OUT6)

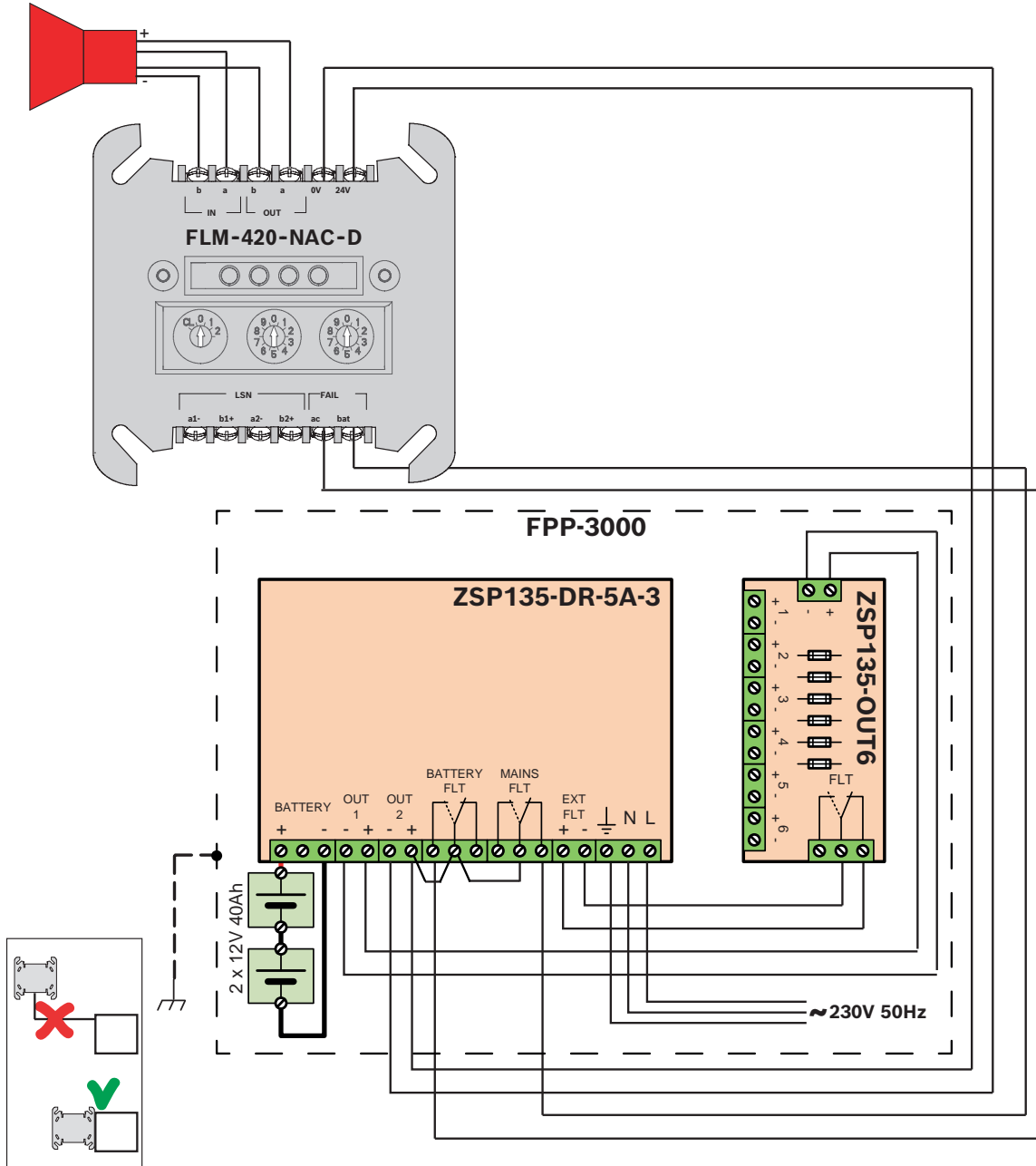


ZSP135-DR-5A-3
ZSP135-OUT6
FPP-3000

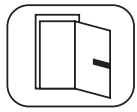




ZSP135-DR-5A-3
ZSP135-OUT6
FPP-3000

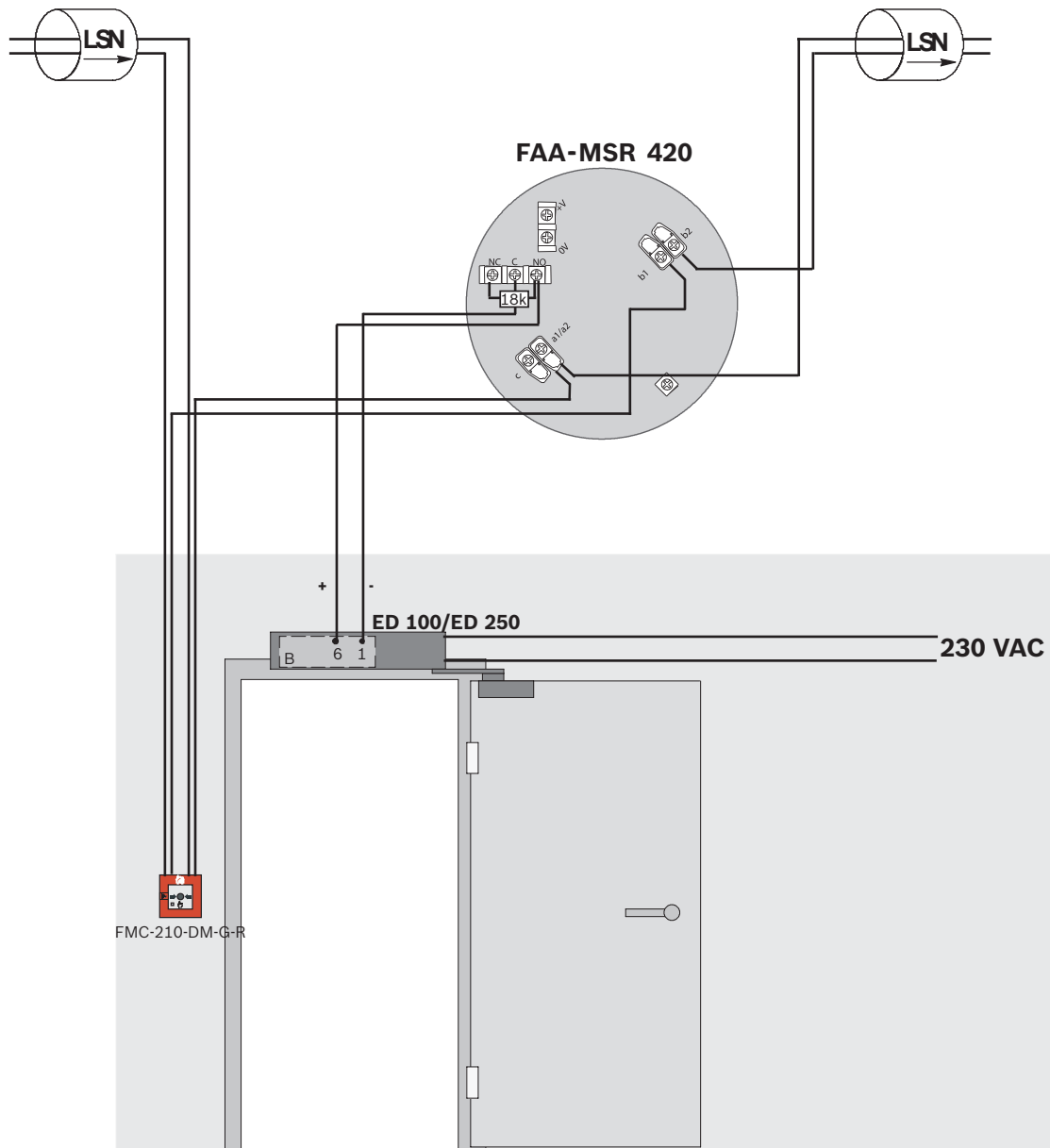


2.3 DIBT



ED 100
ED 250
(+Upgrade Card B)

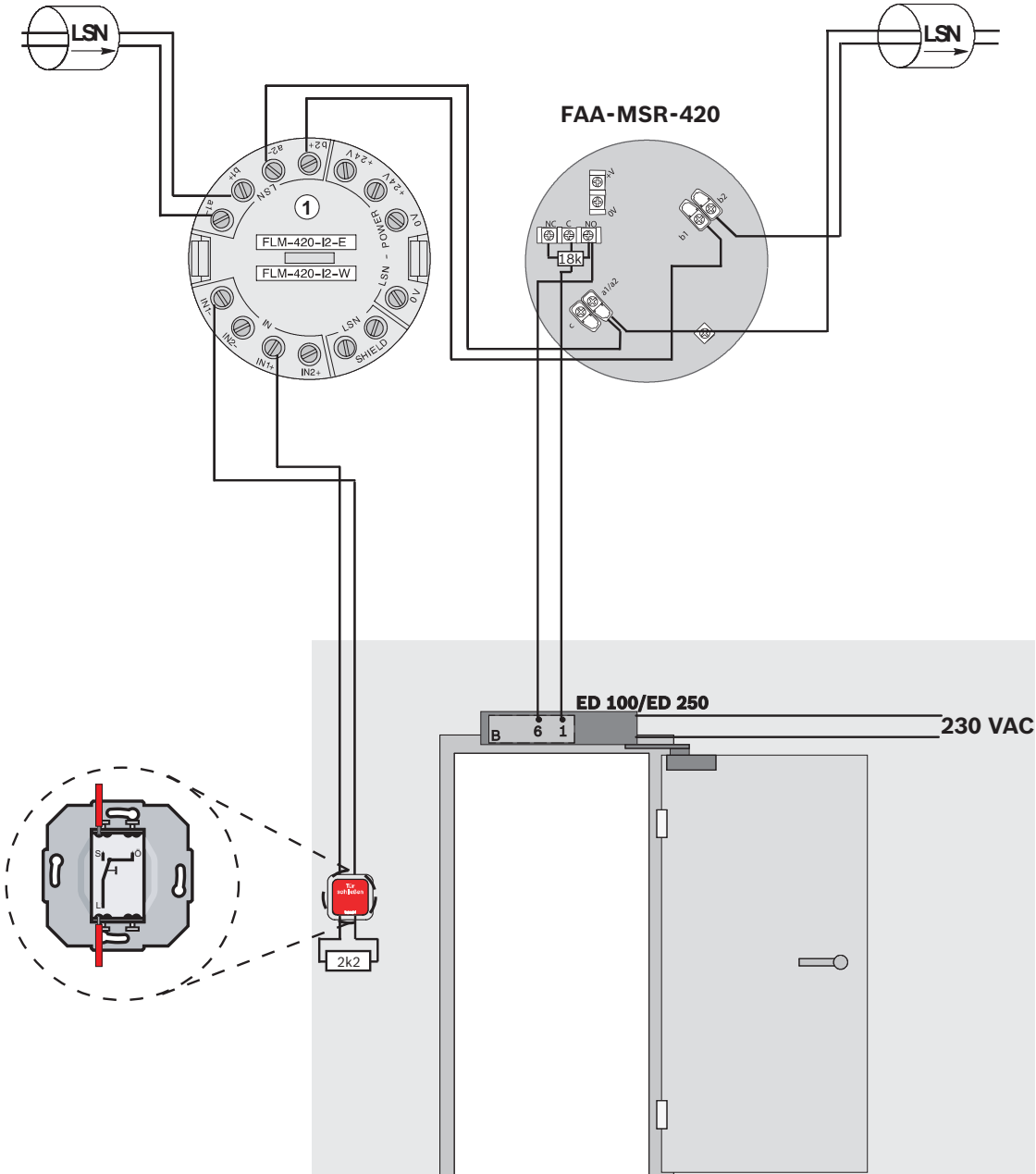
DIBT

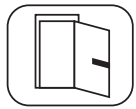




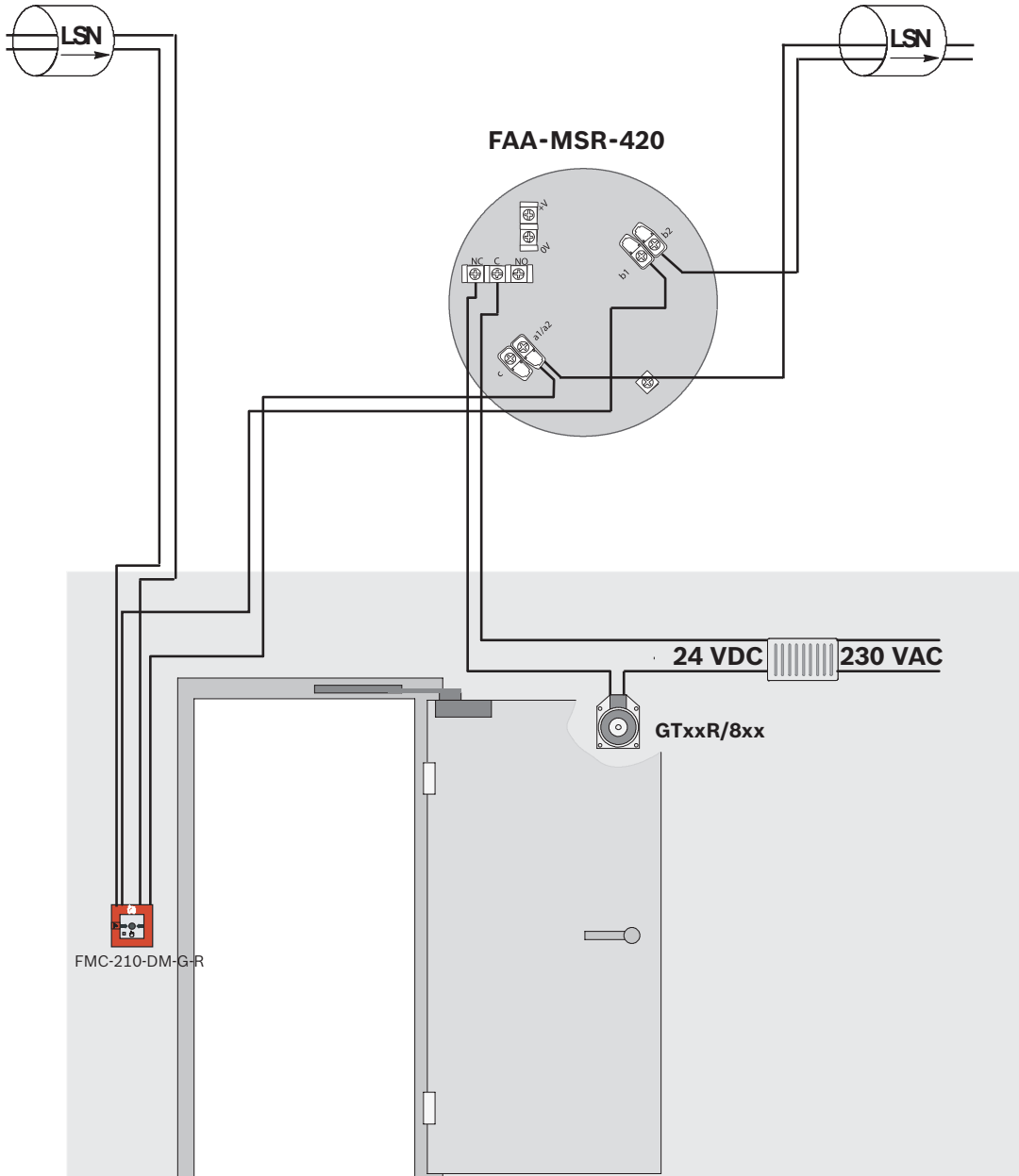
**ED 100
ED 250
(+Upgrade Card B)**

DIBT



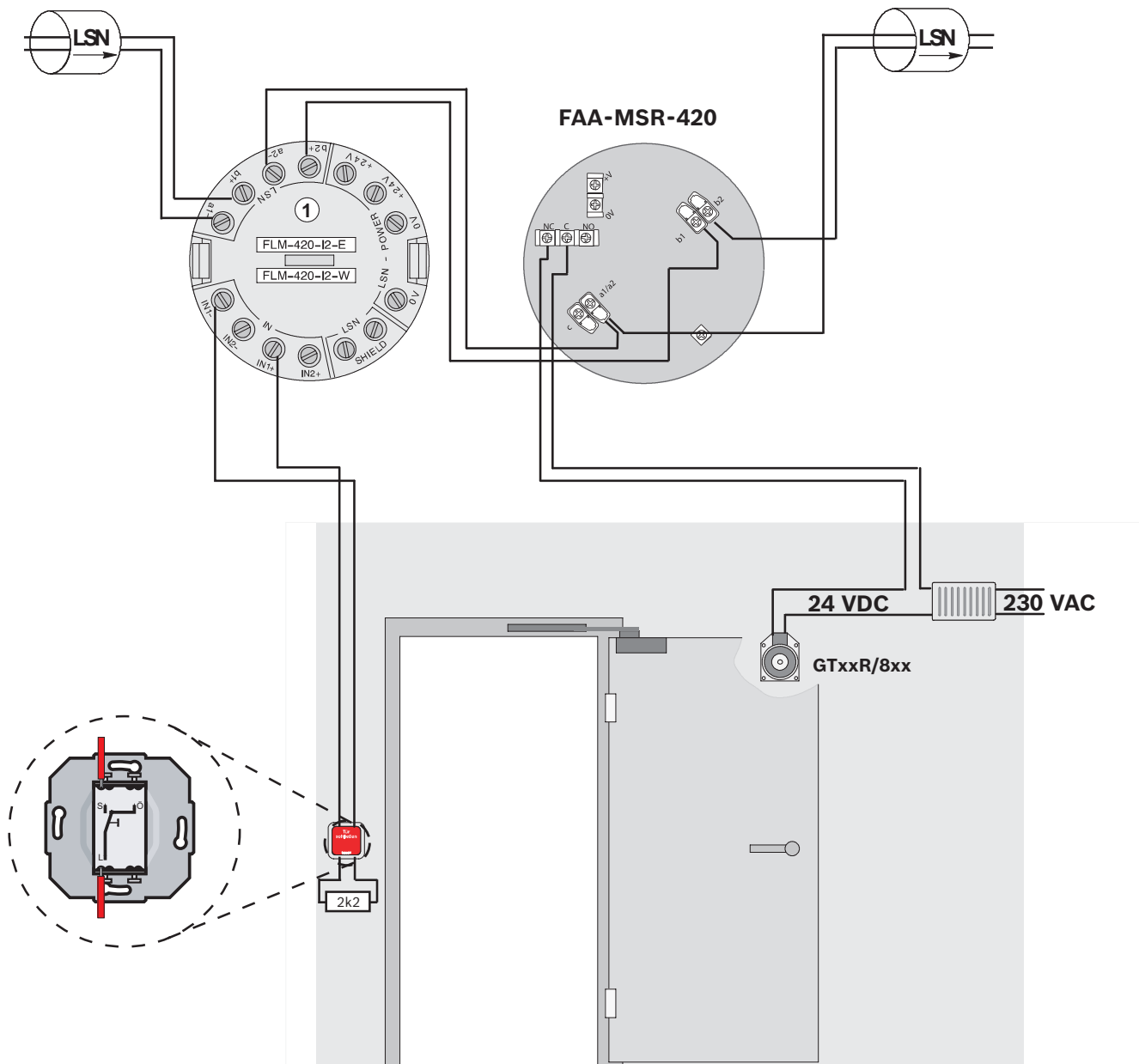


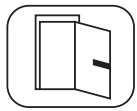
DIBT





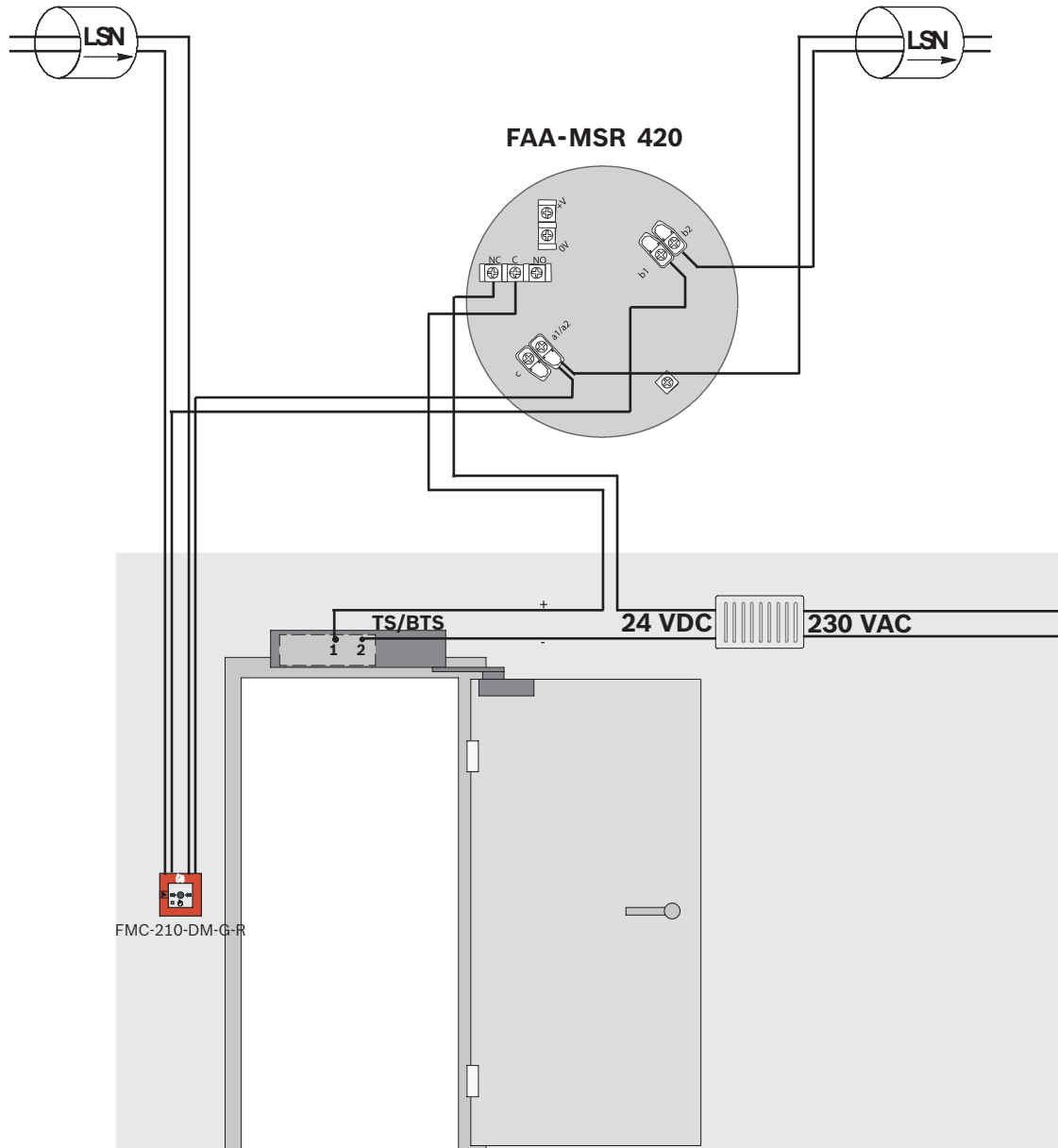
DIBT





TS 73 EMF
 TS 93 EMF
 TS 93 GSR
 BTS 80 EMB
 BTS 80 FLB

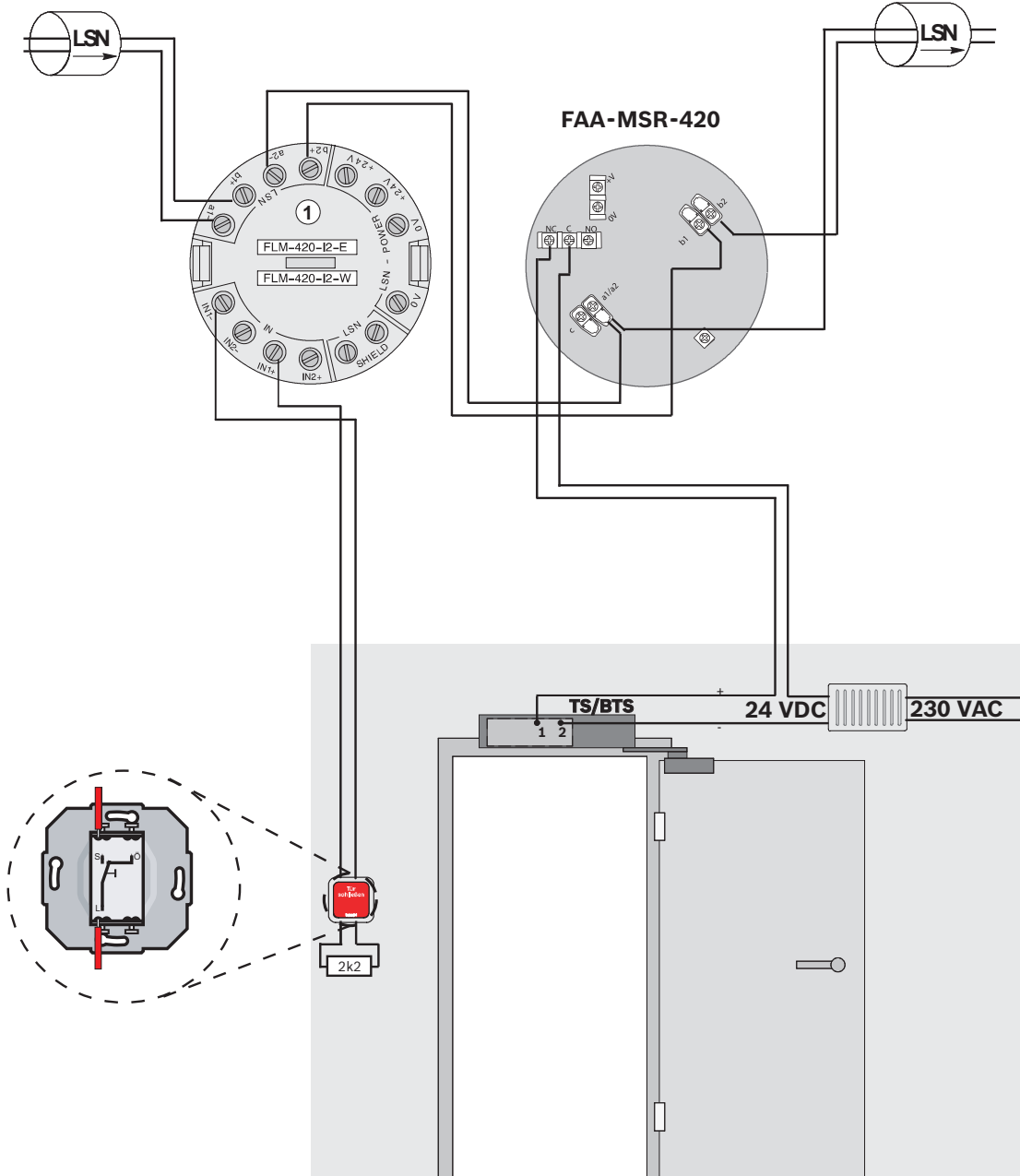
DIBT

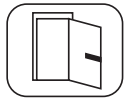




TS 73 EMF
TS 93 EMF
TS 93 GSR
BTS 80 EMB
BTS 80 FLB

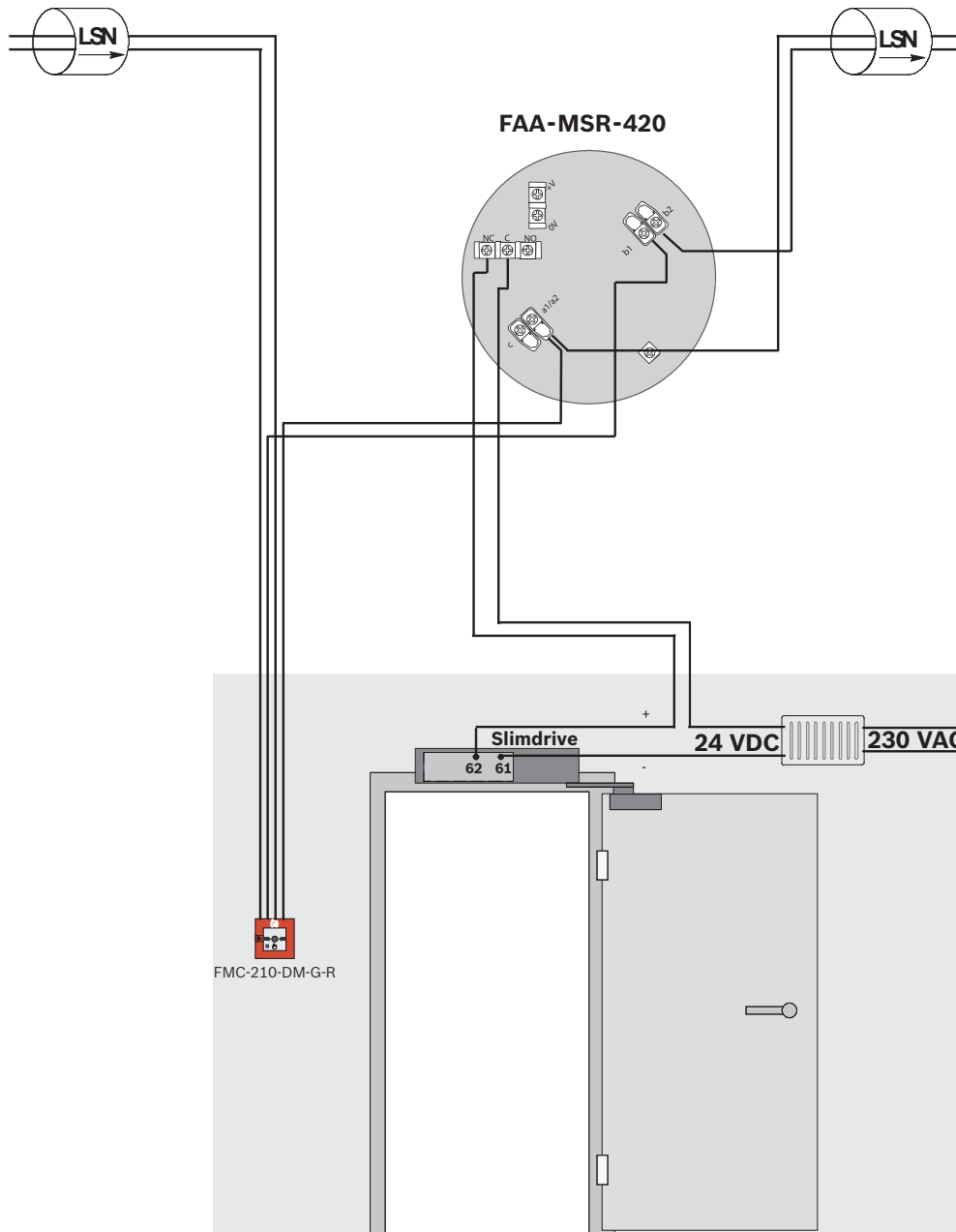
DIBT





Slimdrive EMD-F/EMD F-IS

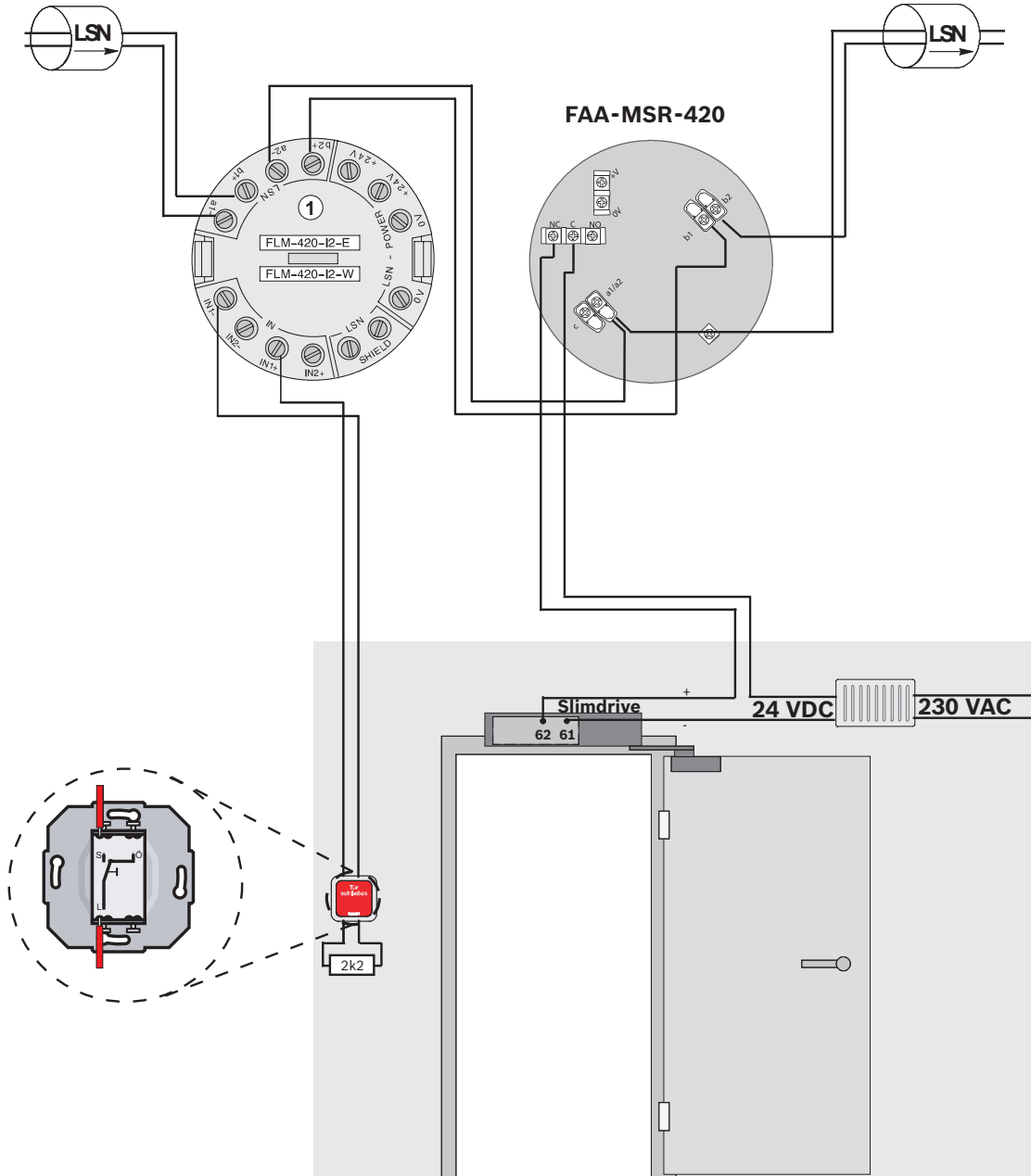
DIBT

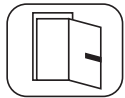




Slimdrive EMD-F/EMD F-IS

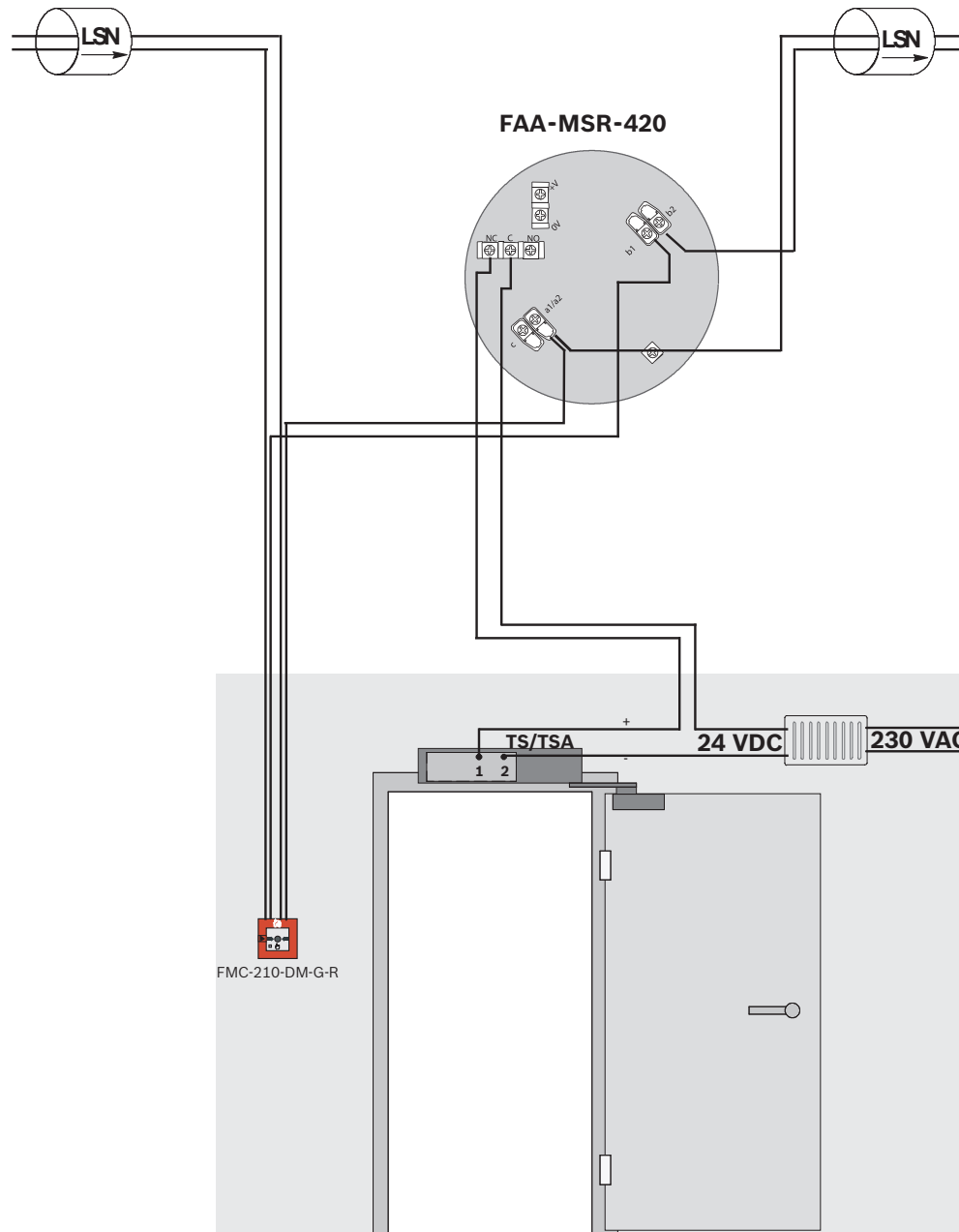
DIBT

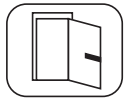




TS 4000 E/E-IS/EFS
 TS 5000 E/E-IS/E-ISM
 TS 550 E
 TSA 160 NT F/F-IS/F-IS/TS

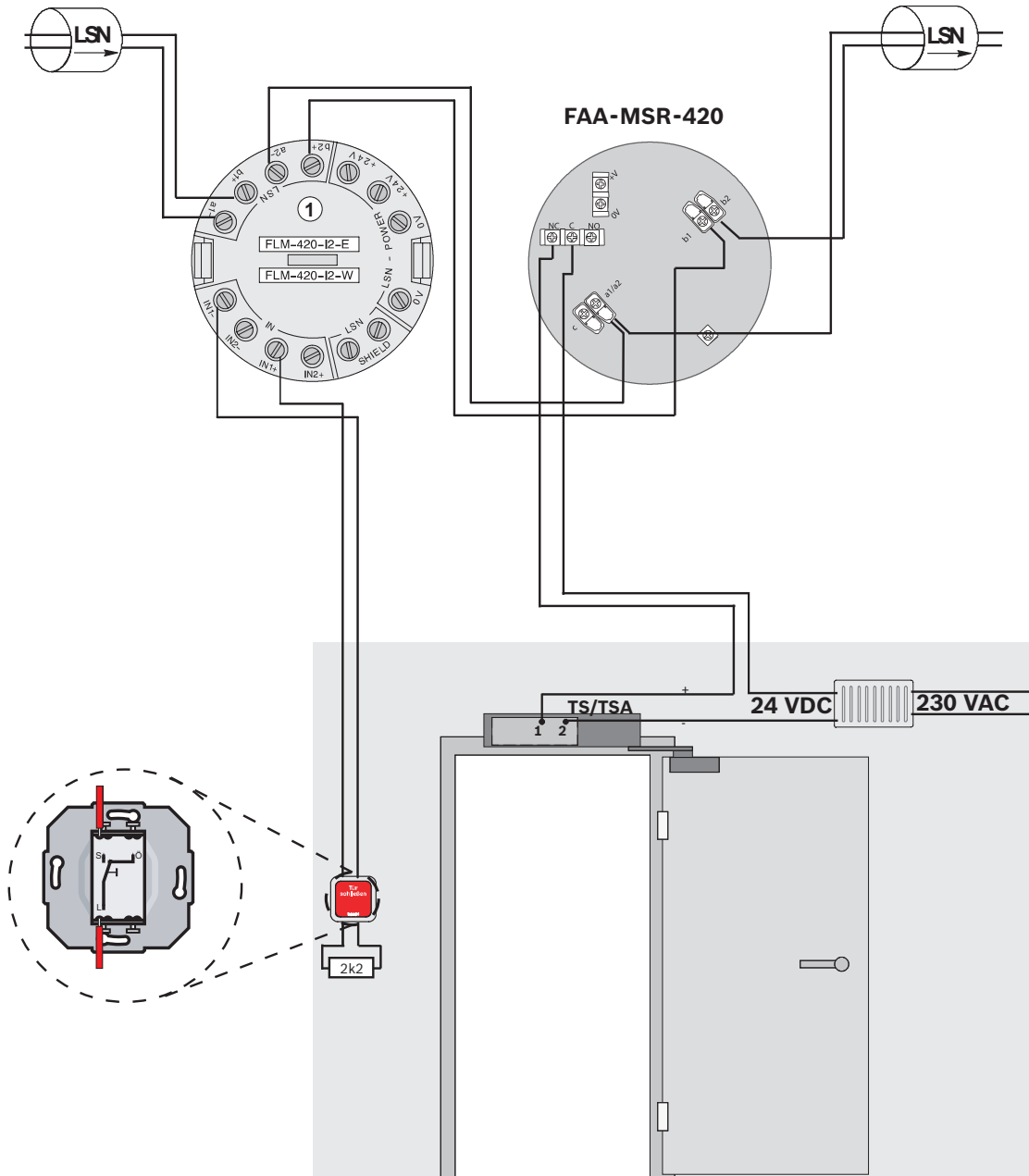
DIBT

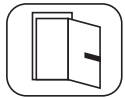




TS 4000 E/E-IS/EFS
 TS 5000 E/E-IS/E-ISM
 TS 550 E
 TSA 160 NT F/F-IS/F-IS/TS

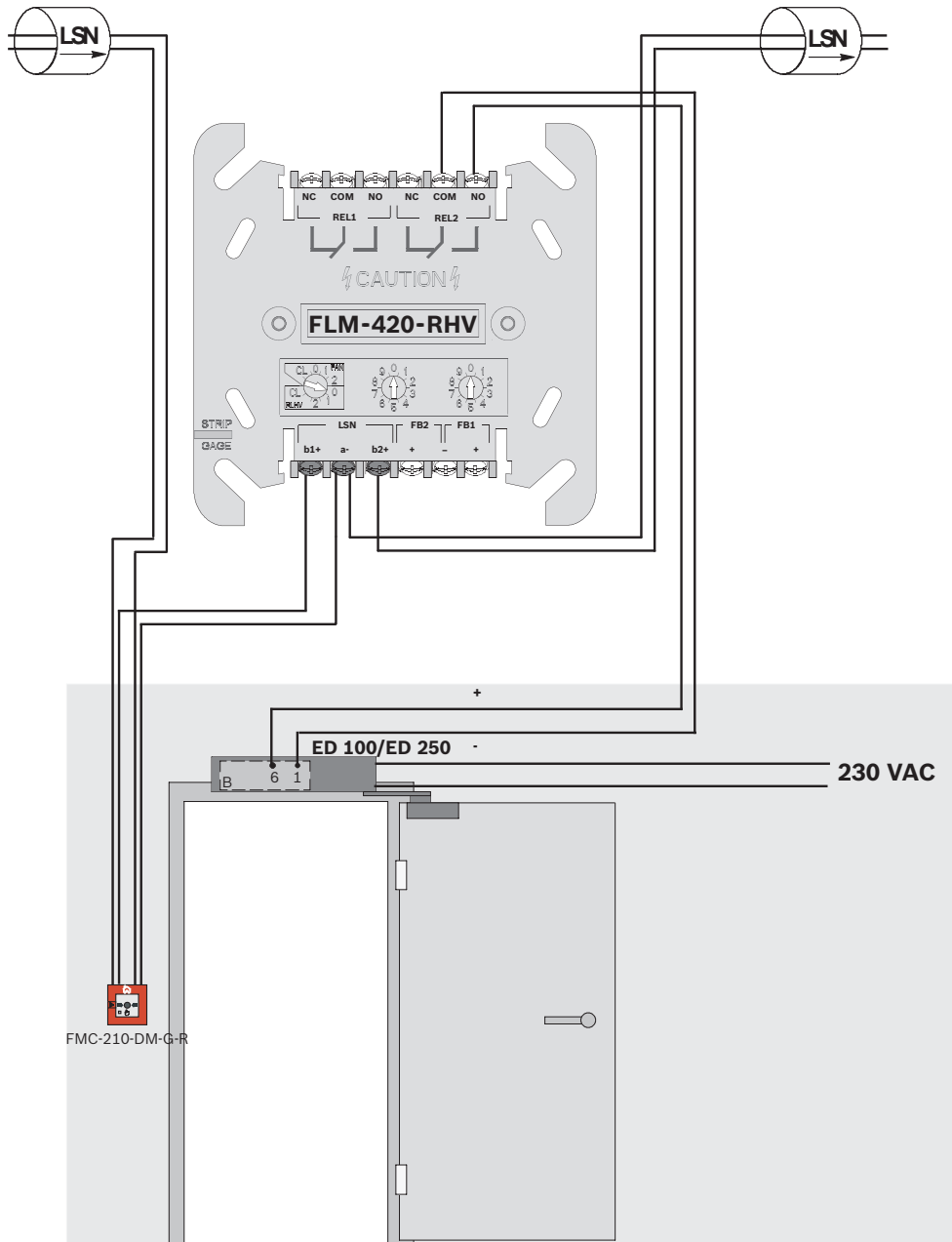
DIBT

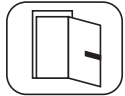




**ED 100
ED 250
(+Upgrade Card B**

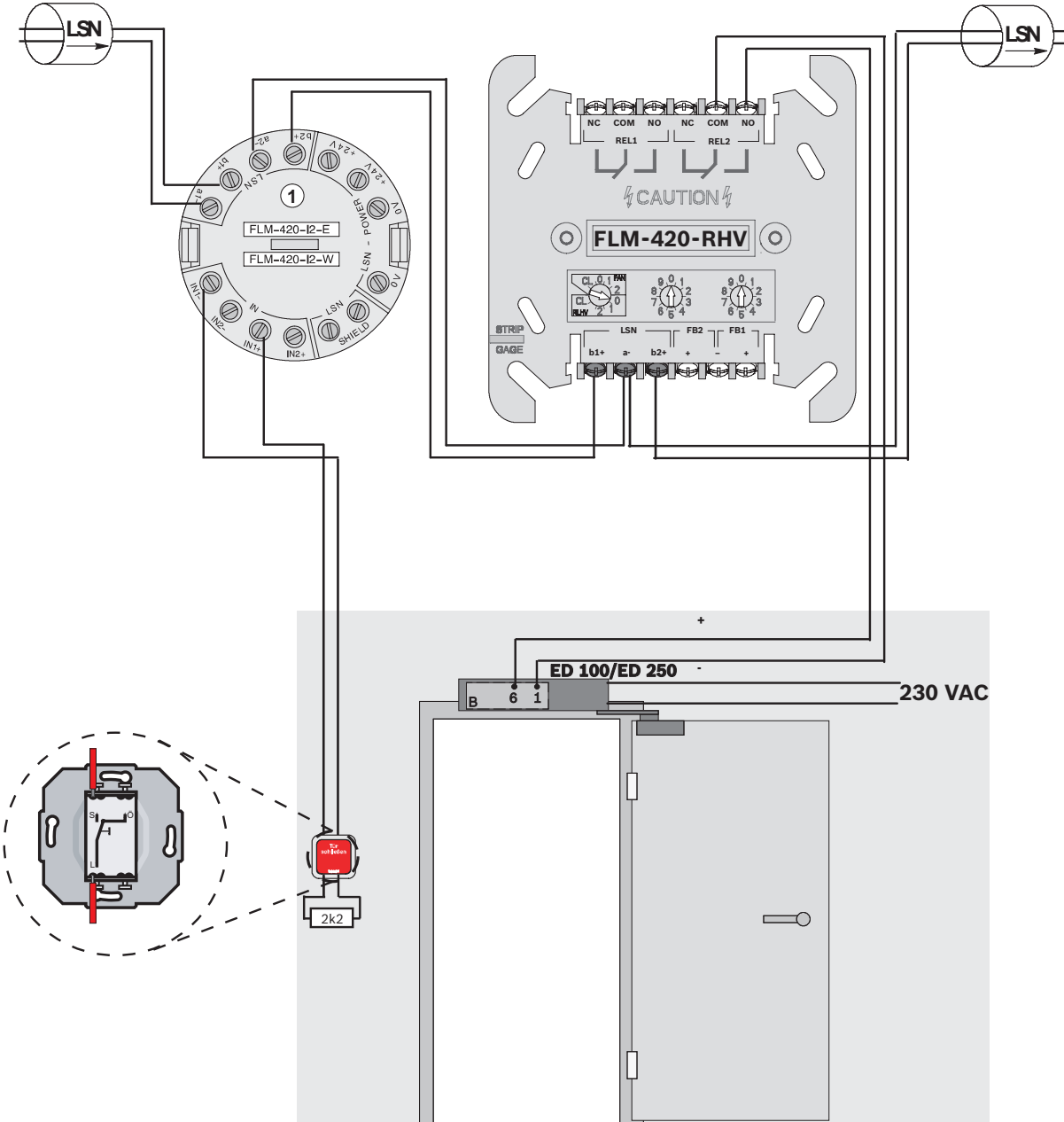
DIBT

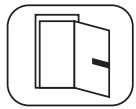




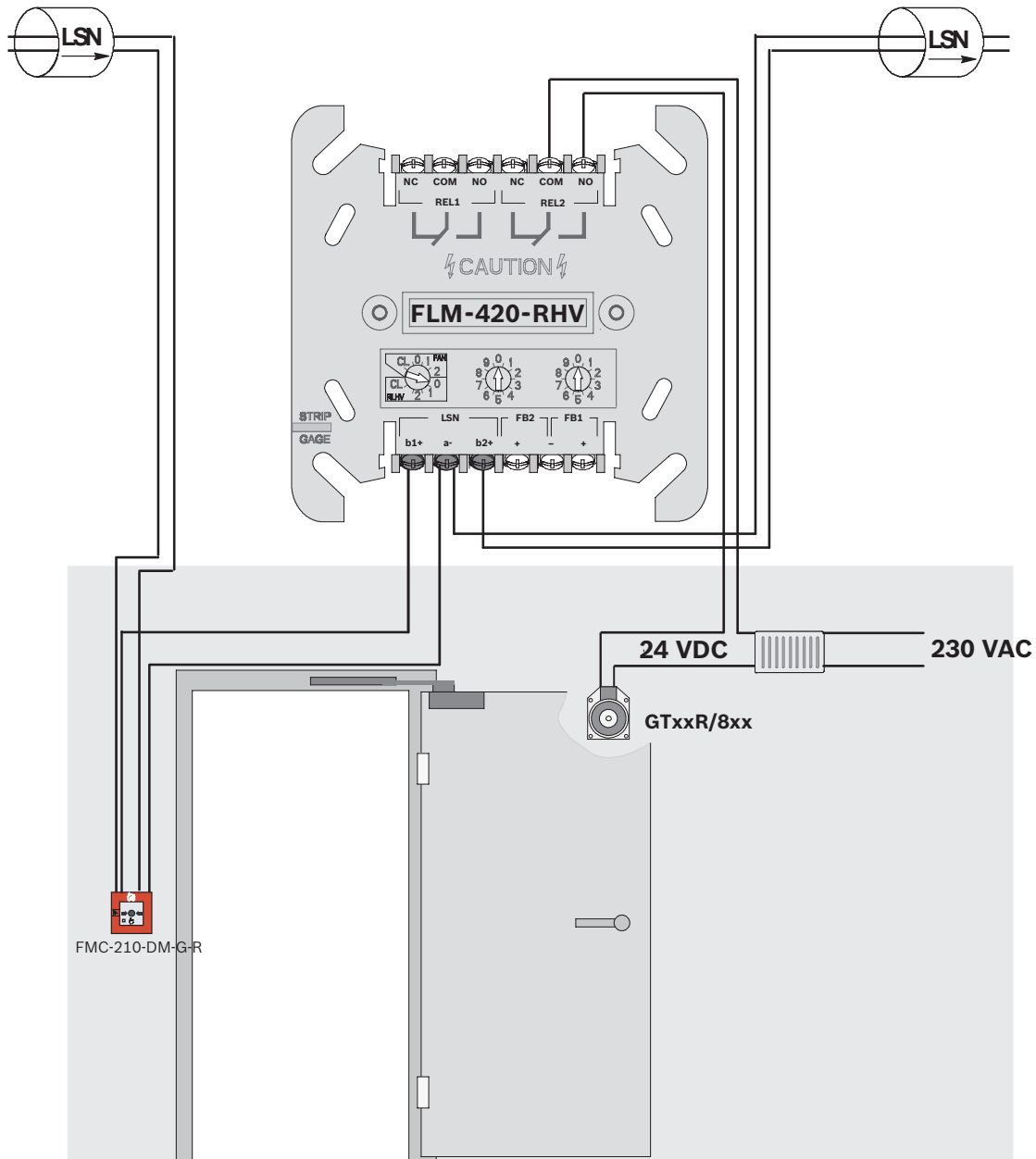
**ED 100
ED 250
(+Upgrade Card B)**

DIBT





DIBT

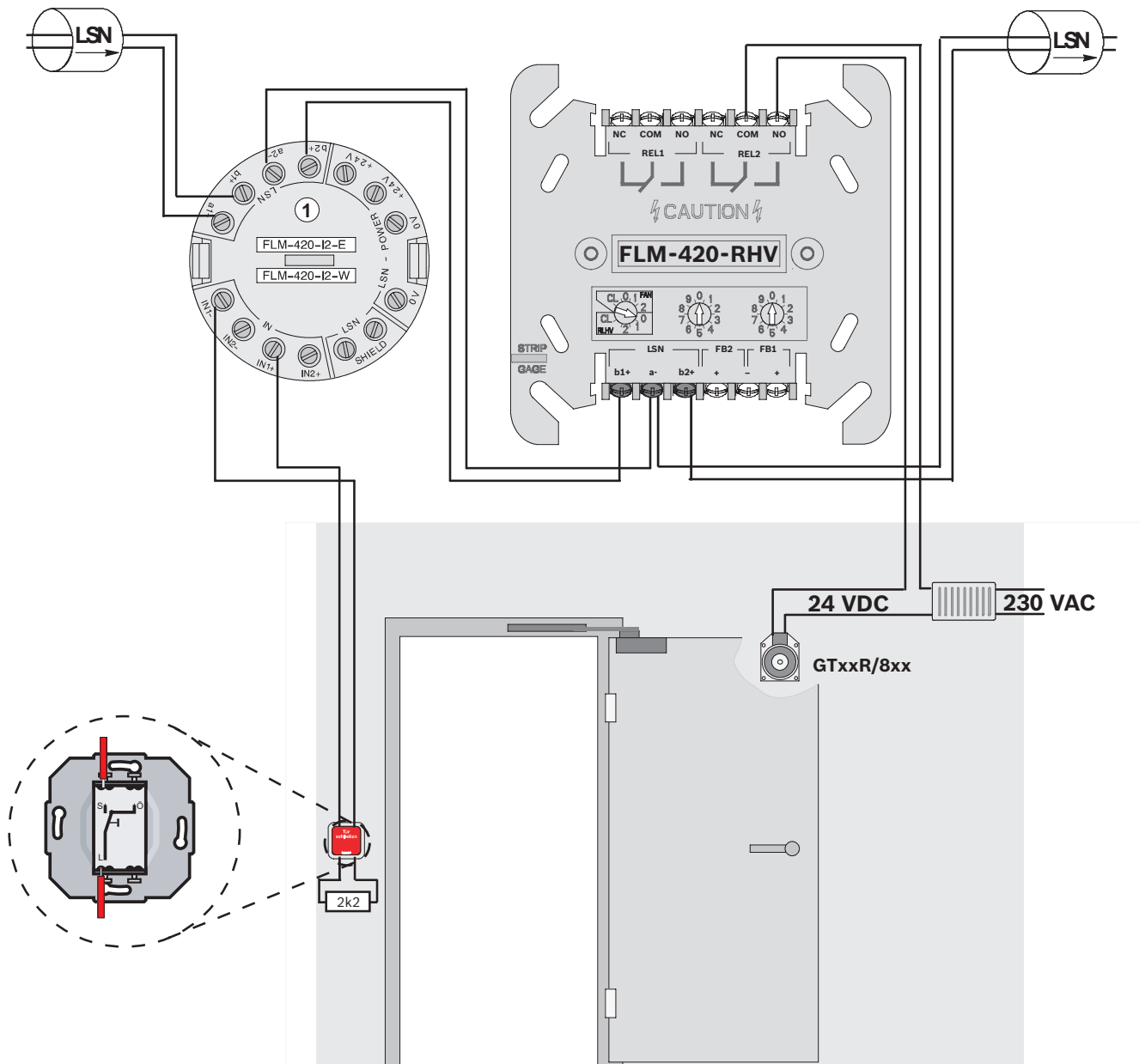


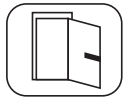


GT xx R

8 xx

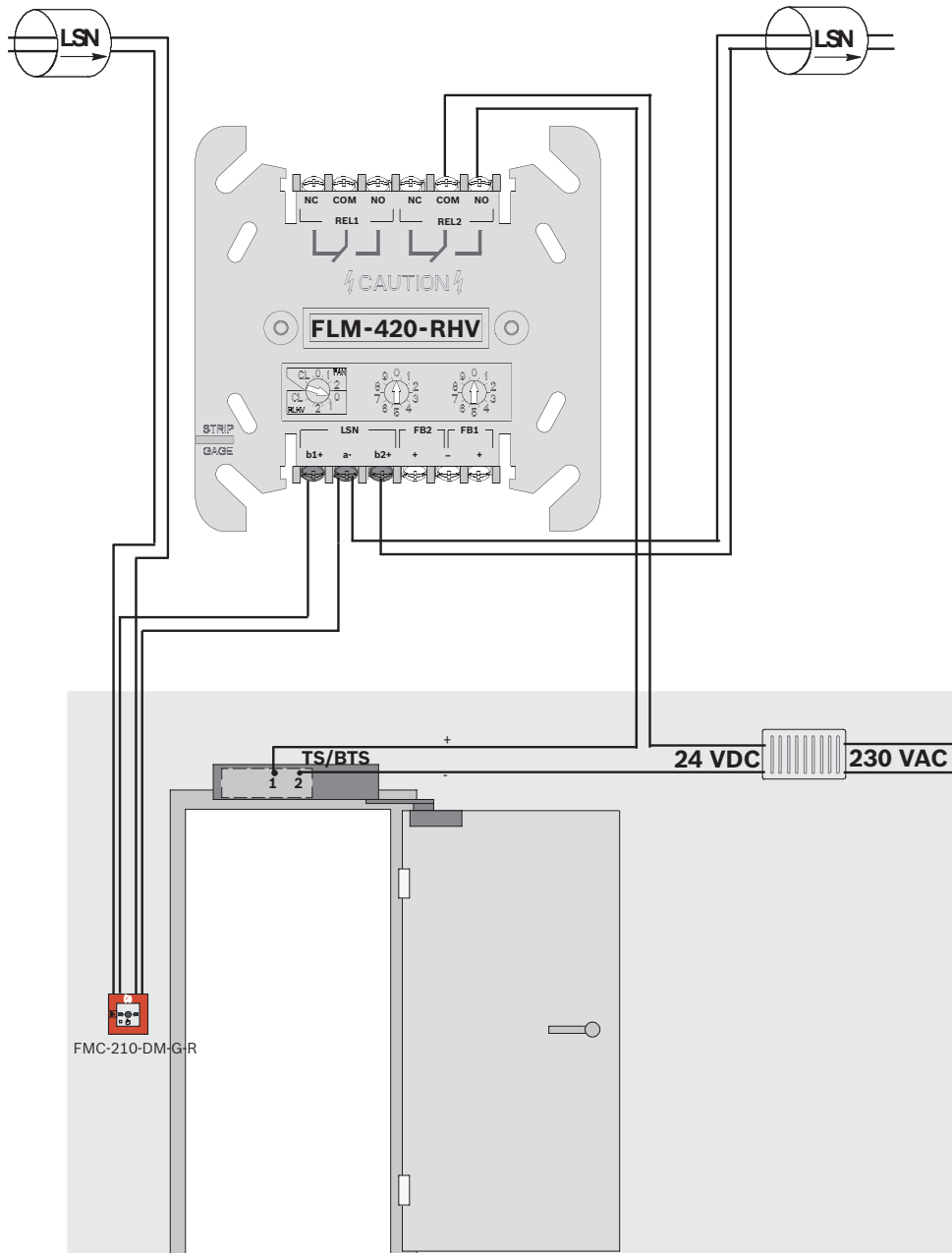
DIBT

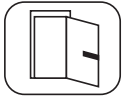




TS 73 EMF
 TS 93 EMF
 TS 93 GSR
 BTS 80 EMB
 BTS 80 FLB

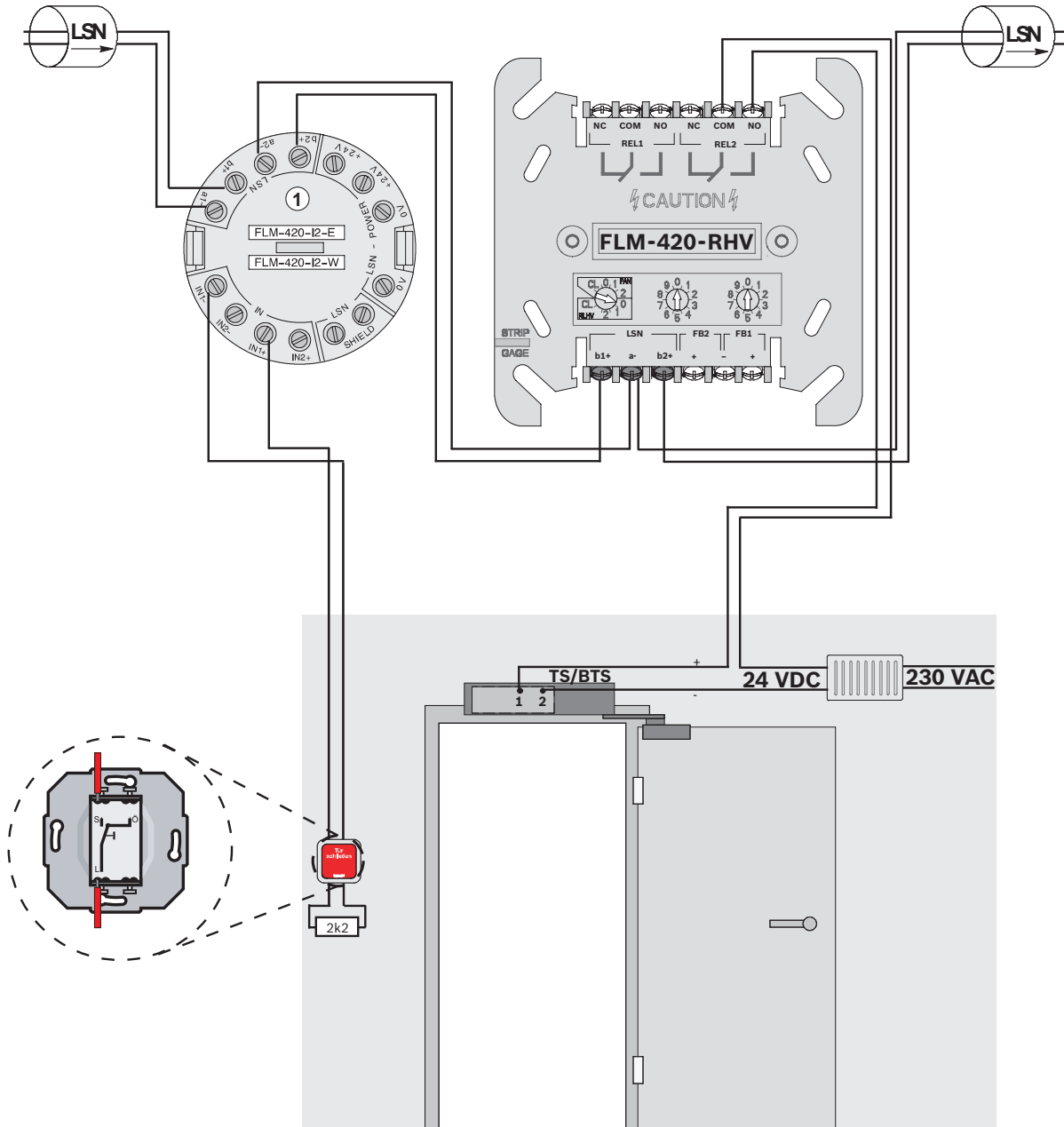
DIBT





TS 73 EMF
 TS 93 EMF
 TS 93 GSR
 BTS 80 EMB
 BTS 80 FLB

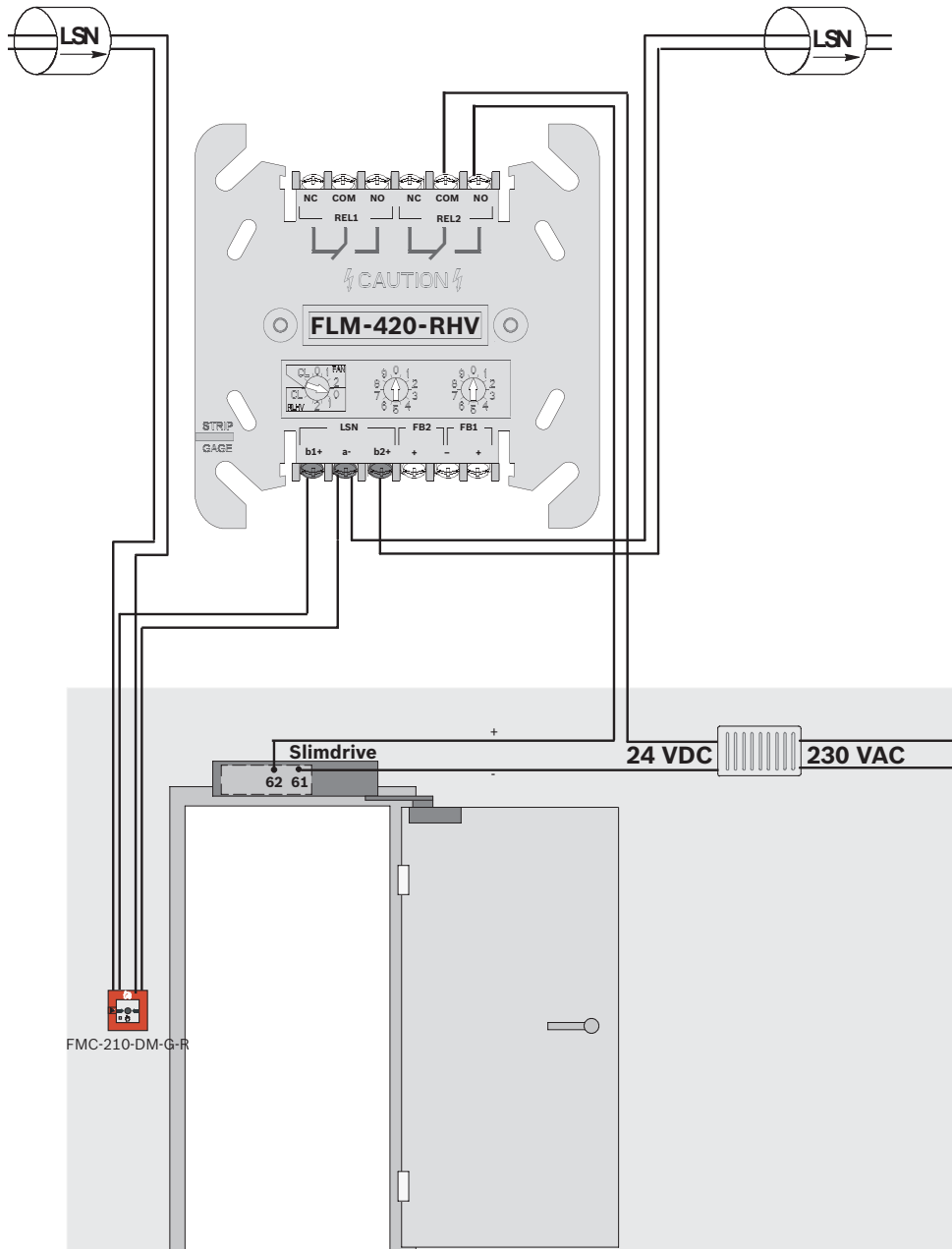
DIBT

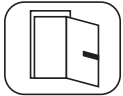




Slimdrive EMD-F/EMD F-IS

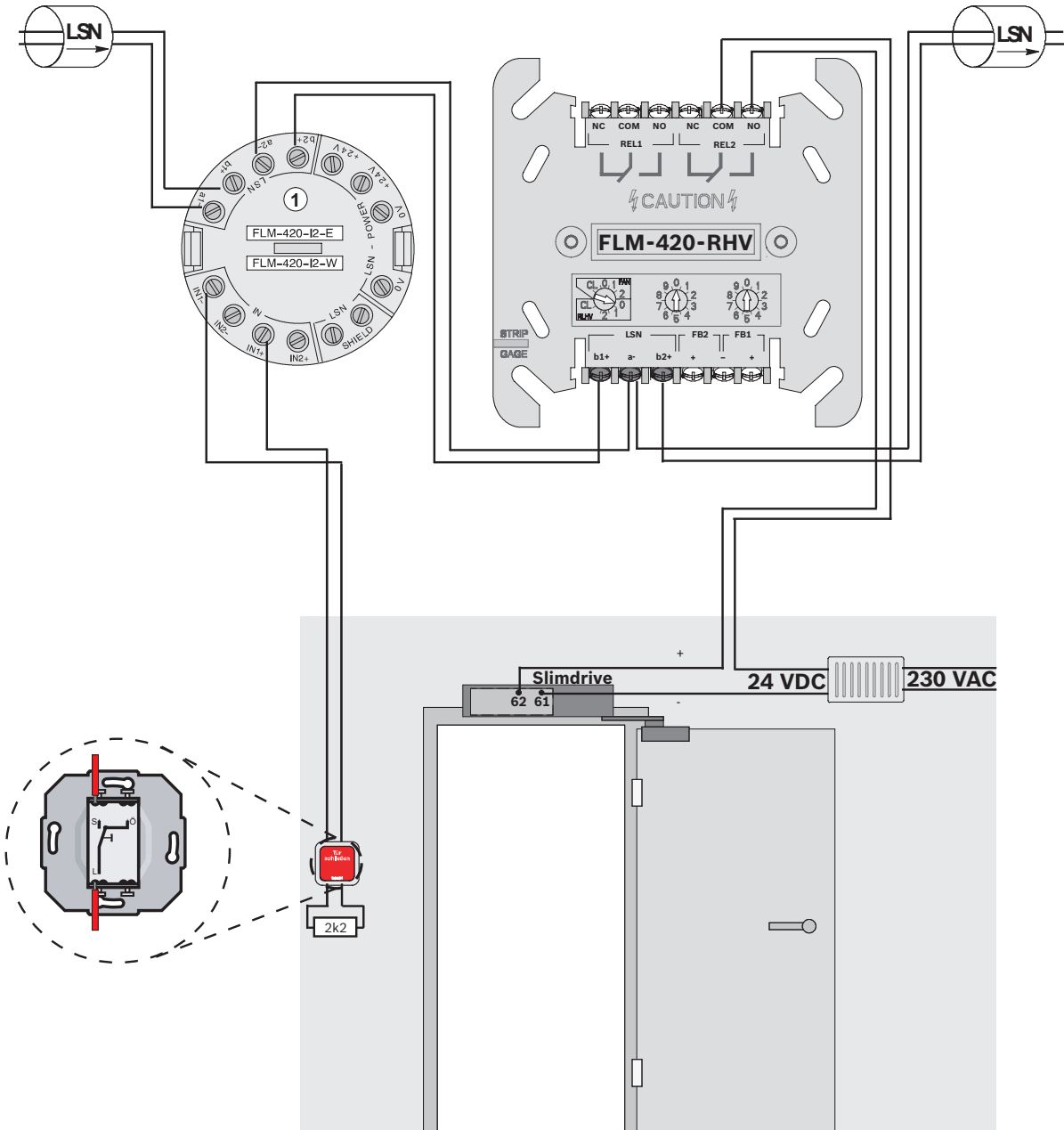
DIBT





Slimdrive EMD-F/EMD F-IS

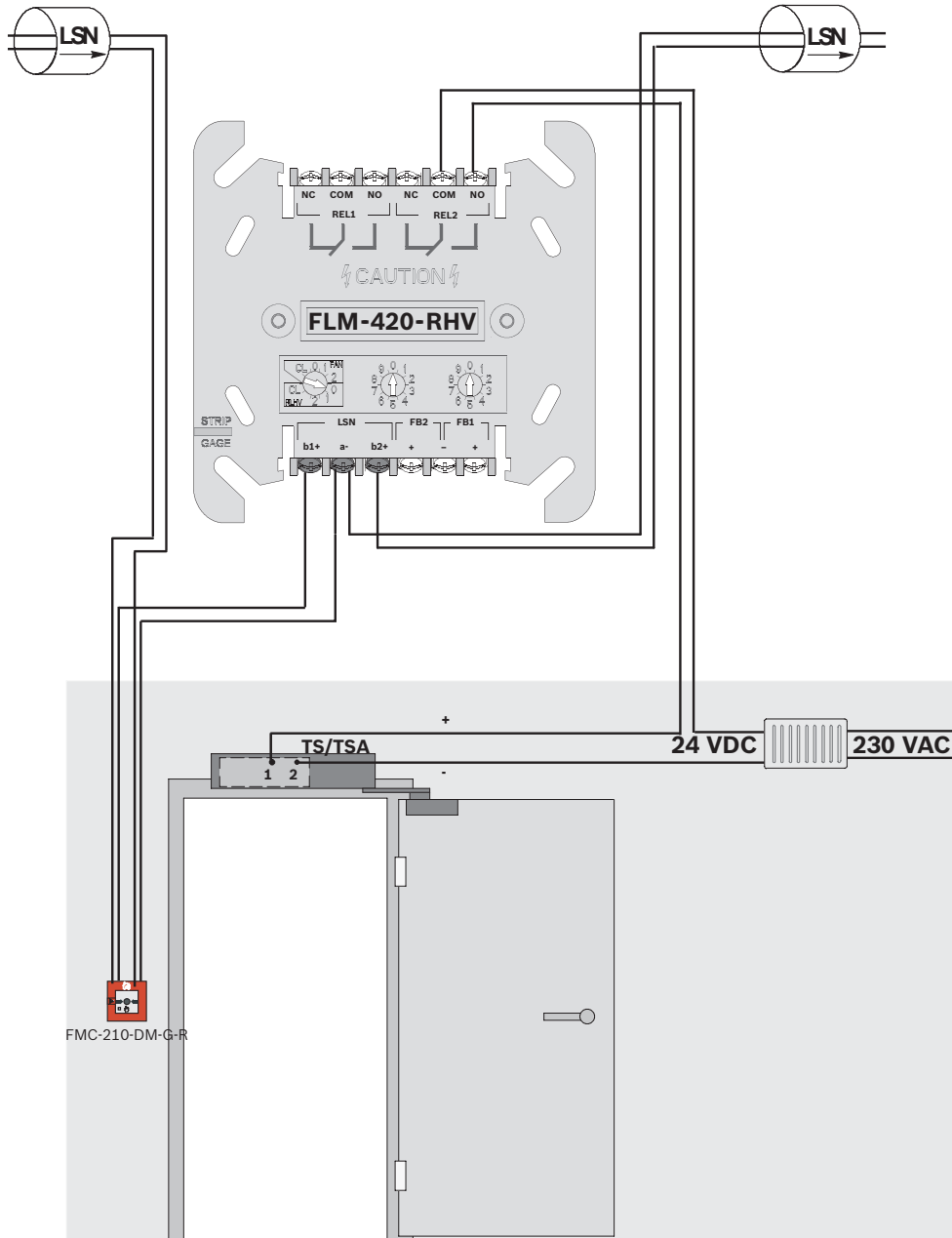
DIBT





TS 4000 E/E-IS/EFS
 TS 5000 E/E-IS/E-ISM
 TS 550 E
 TSA 160 NT F/F-IS/F-IS/TS

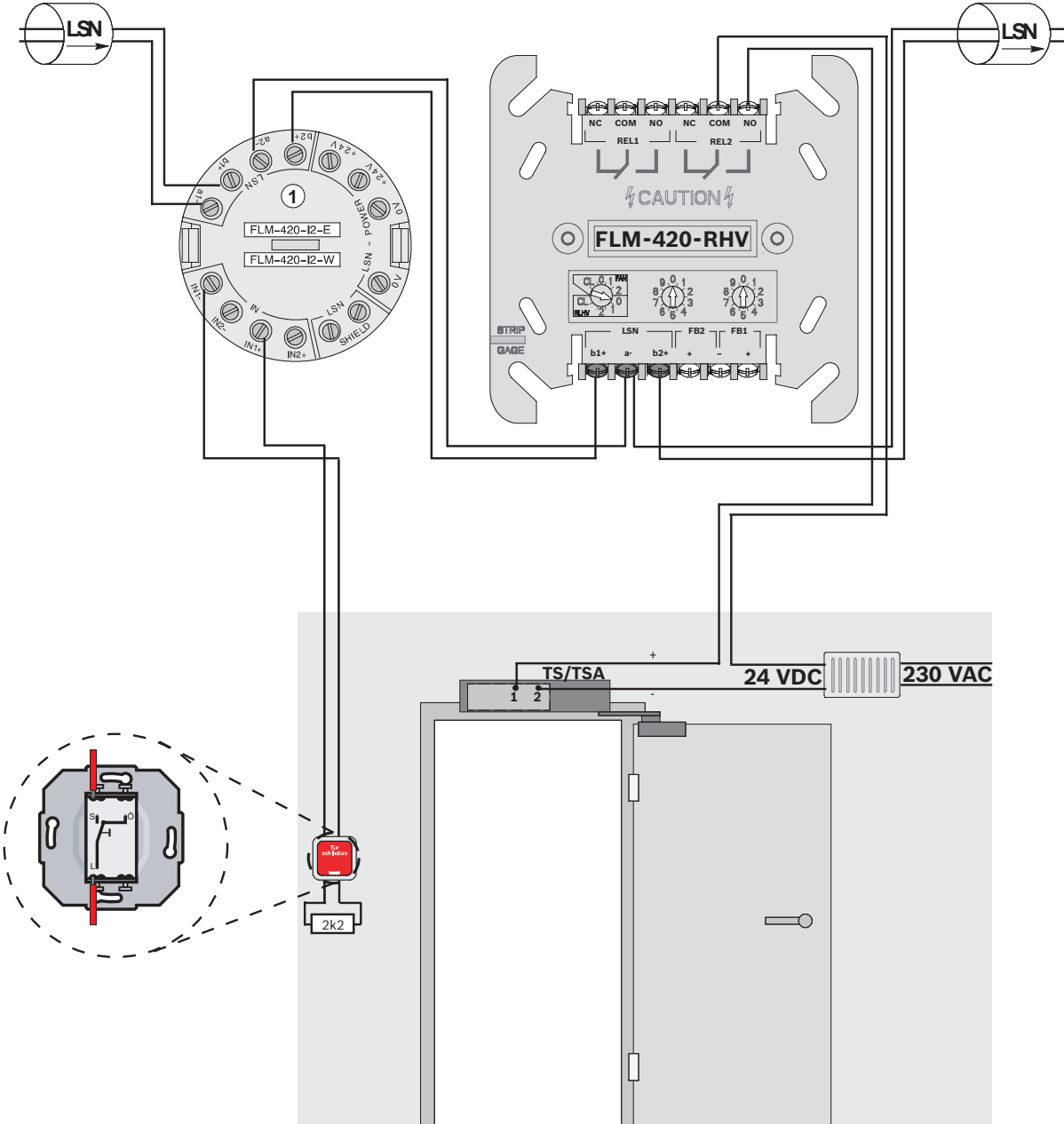
DIBT

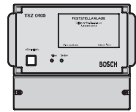
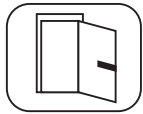




TS 4000 E/E-IS/EFS
TS 5000 E/E-IS/E-ISM
TS 550 E
TSA 160 NT F/F-IS/F-IS/TS

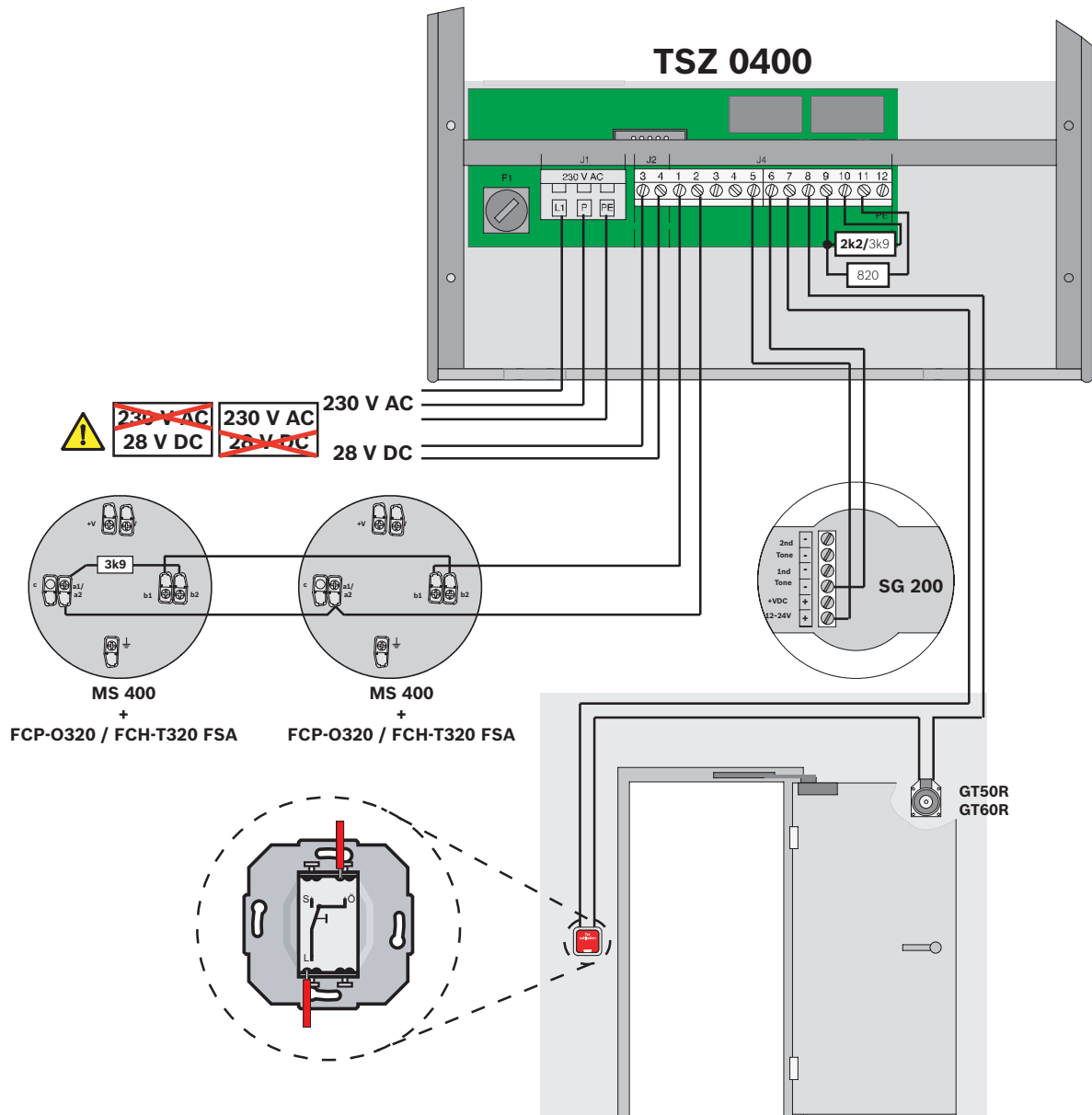
DIBT

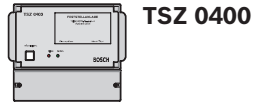




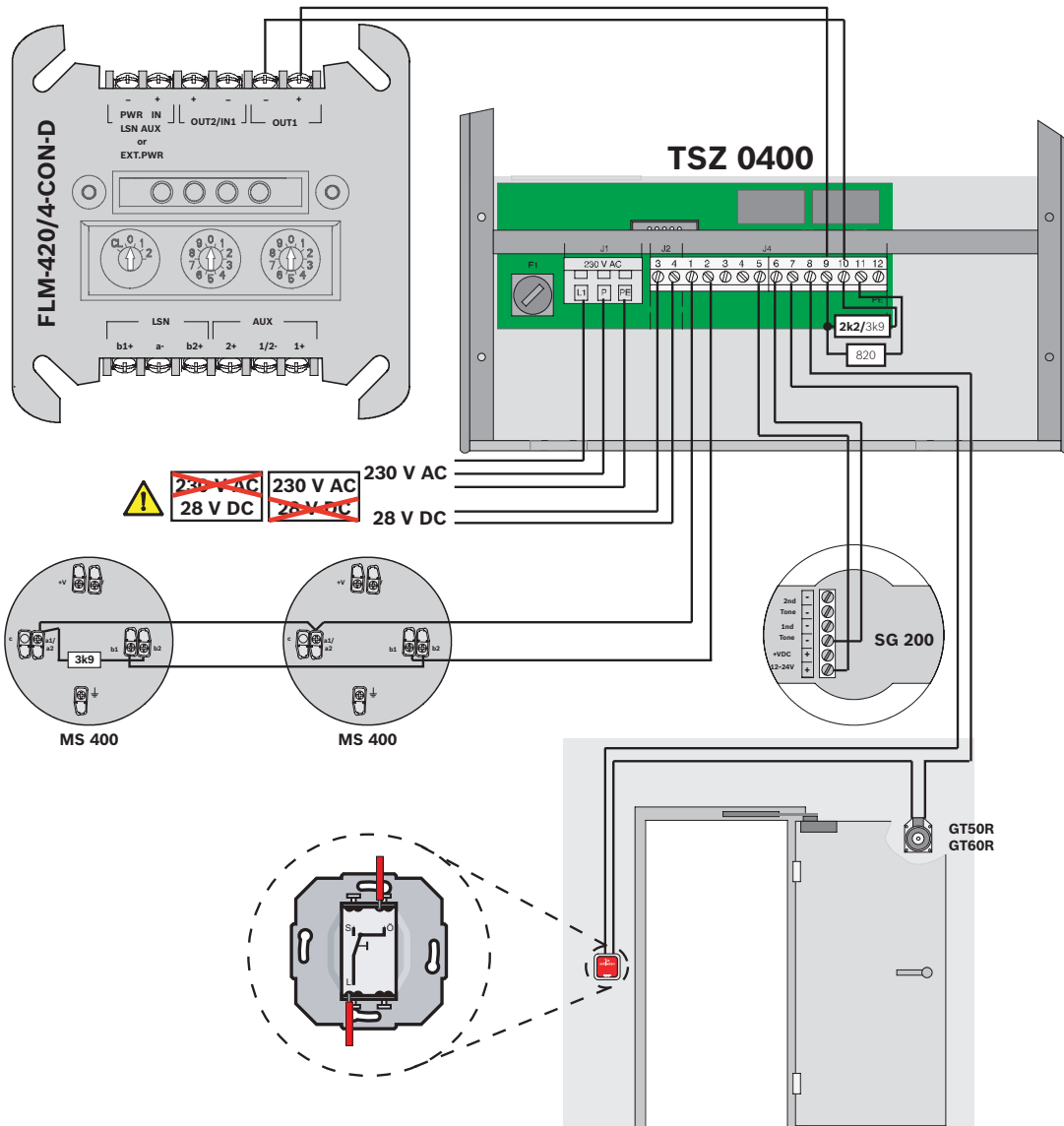
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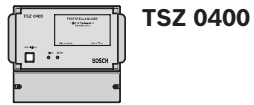
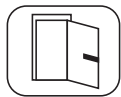
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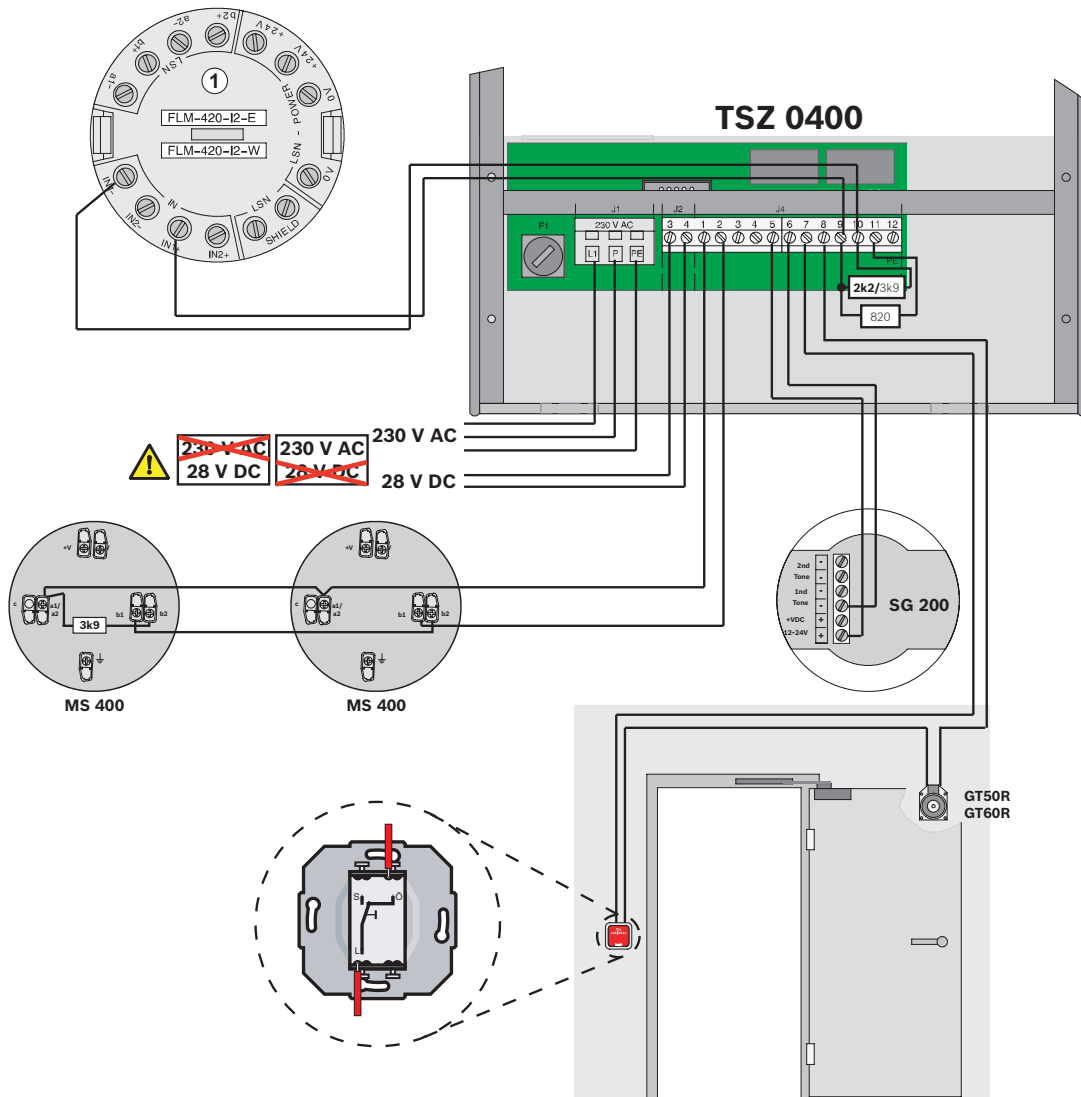


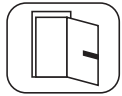
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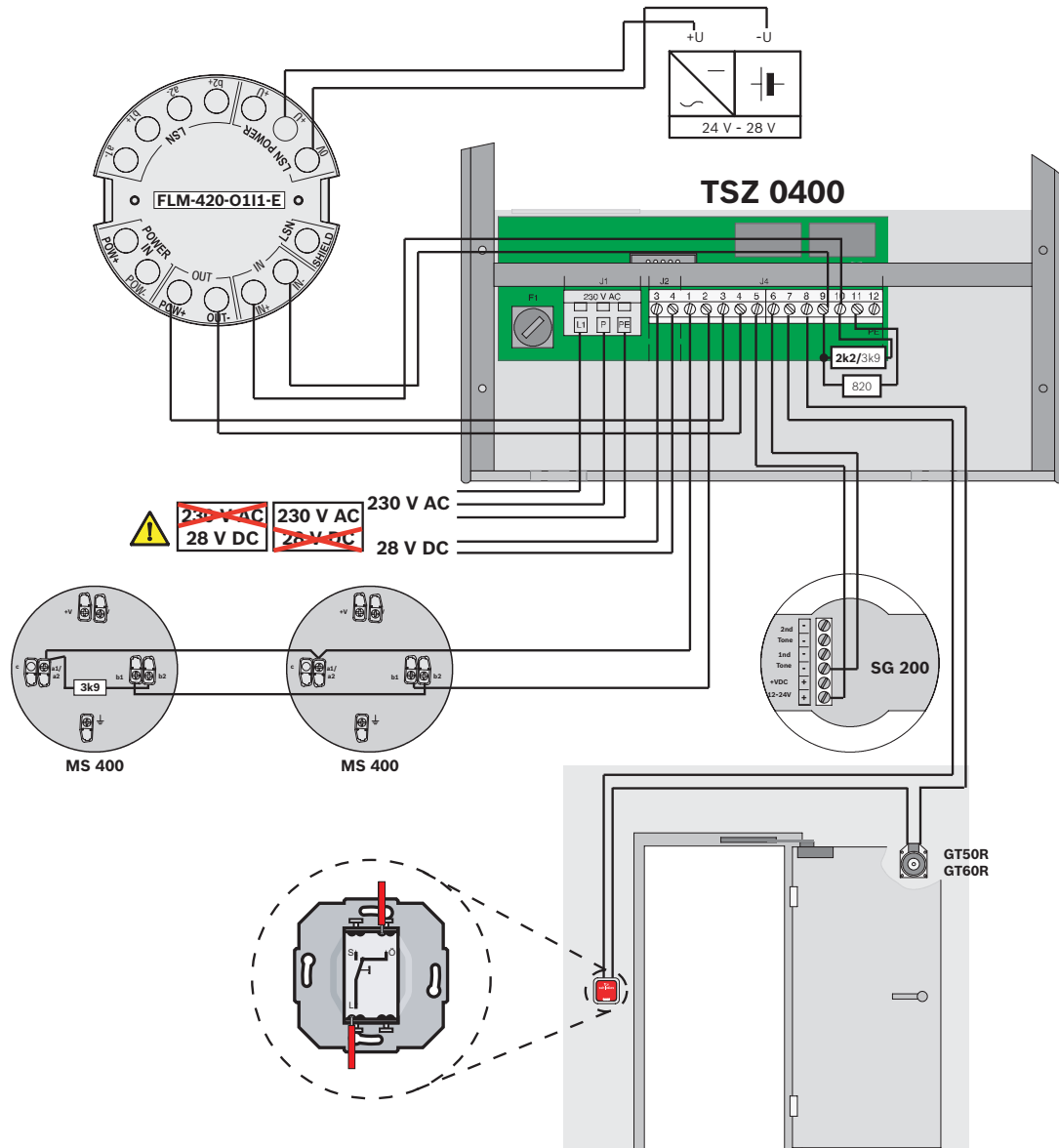
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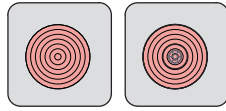




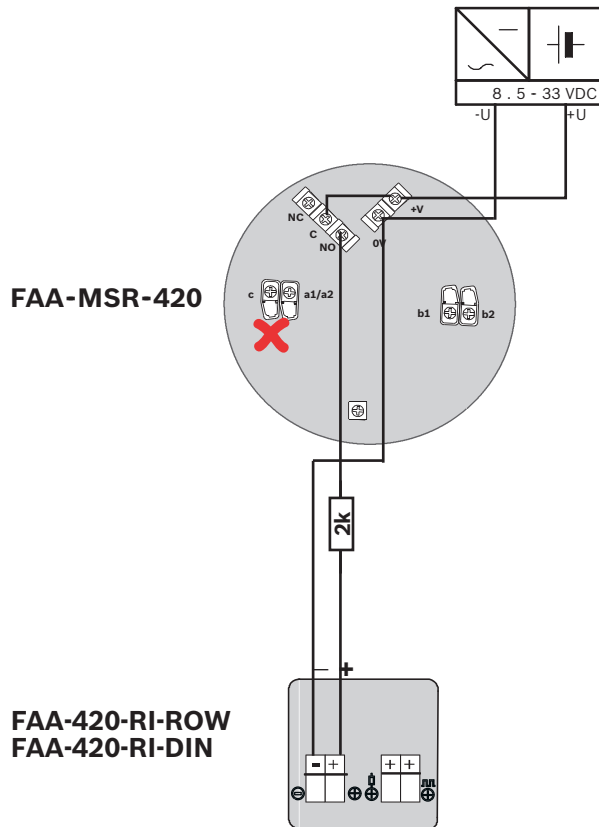
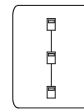
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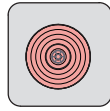
DIBT



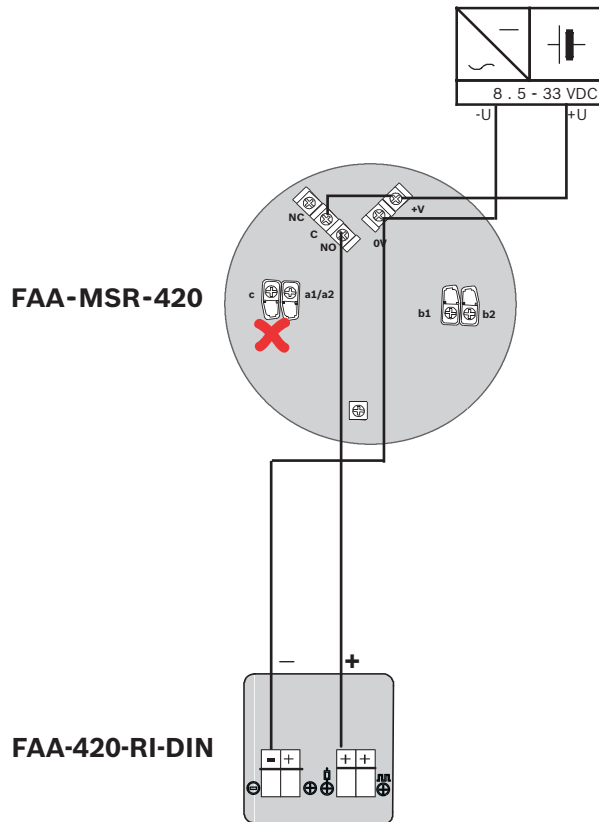
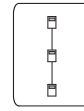


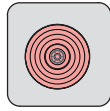
FAA-420-RI-ROW
FAA-420-RI-DIN



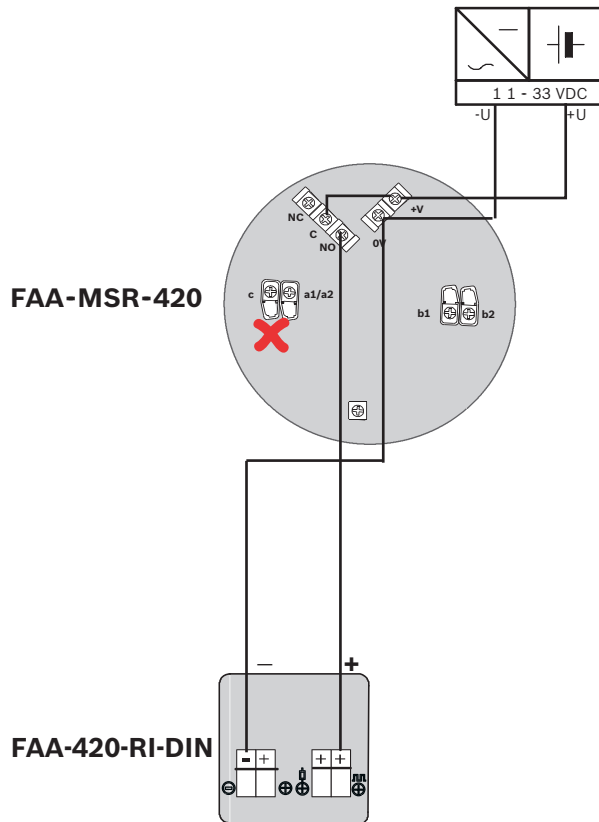
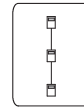


FAA-420-RI-DIN





FAA-420-RI-DIN



2.4

Functional Modules



BCM-000-B, σελίδα 43

CZM 0004 A, σελίδα 45

ENO 0000 A/B, σελίδα 61

LSN 0300 A, σελίδα 68

NZM 0002 A, σελίδα 106

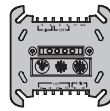
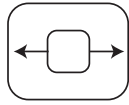
RMH 0002 A, σελίδα 119

IOS 0020 A, σελίδα 120

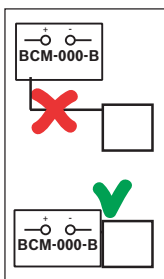
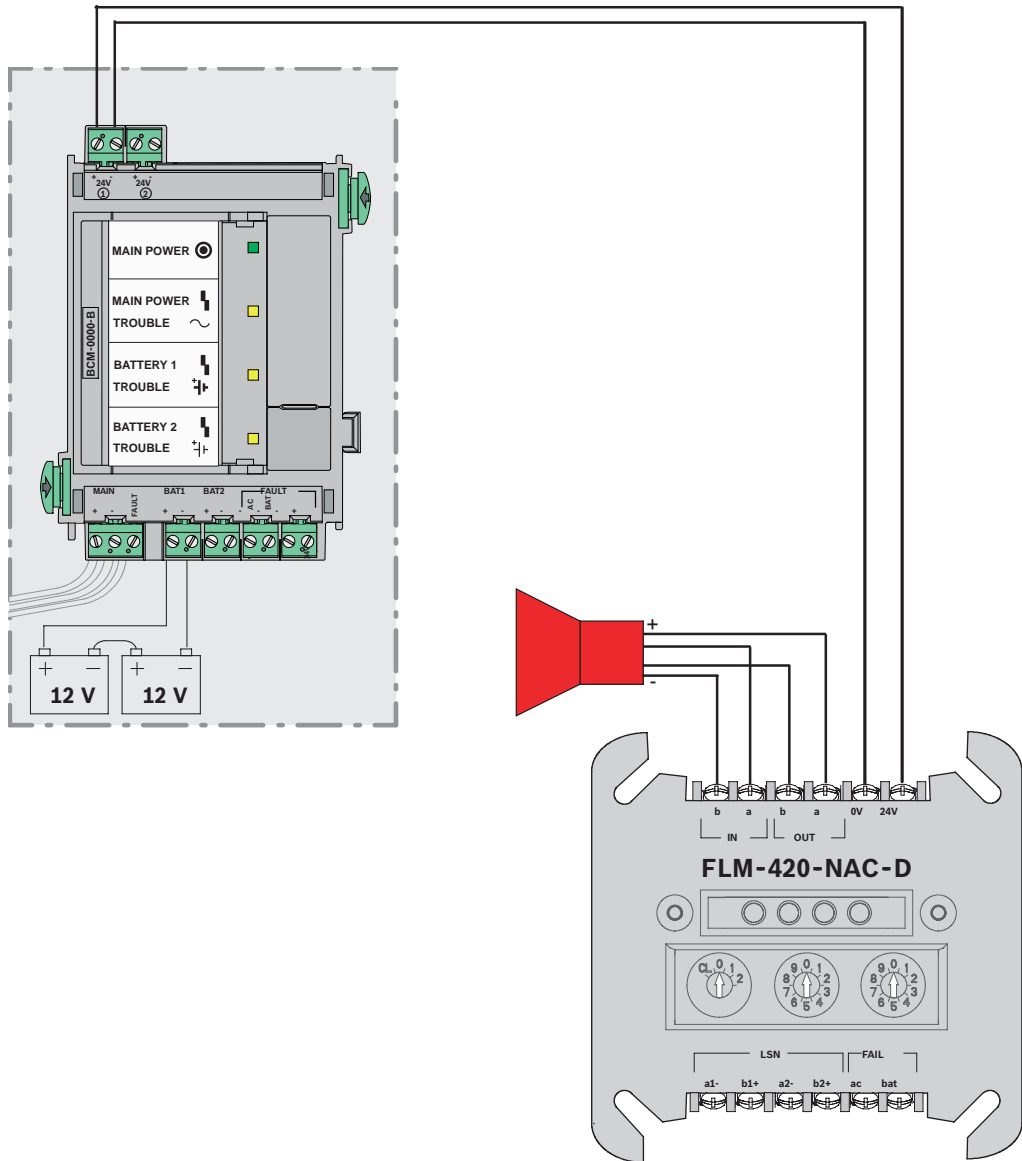
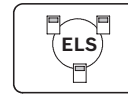
FPE-5000-UGM, σελίδα 122

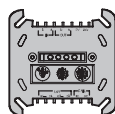
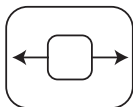
2.4.1

BCM-000-B

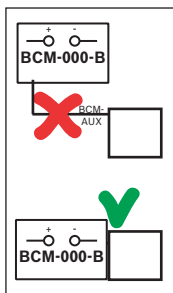
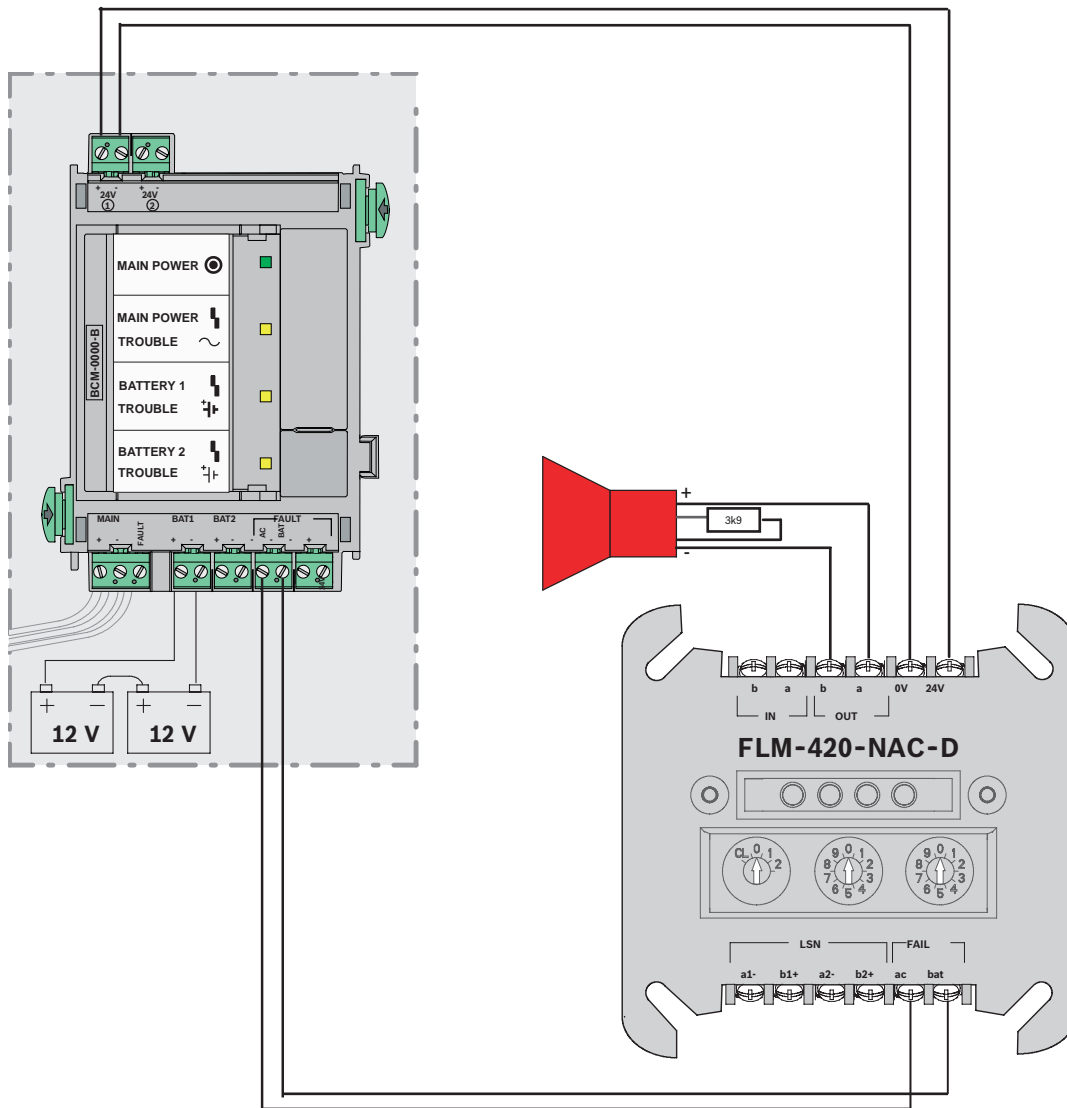
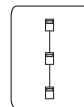


FLM-420-NAC-D





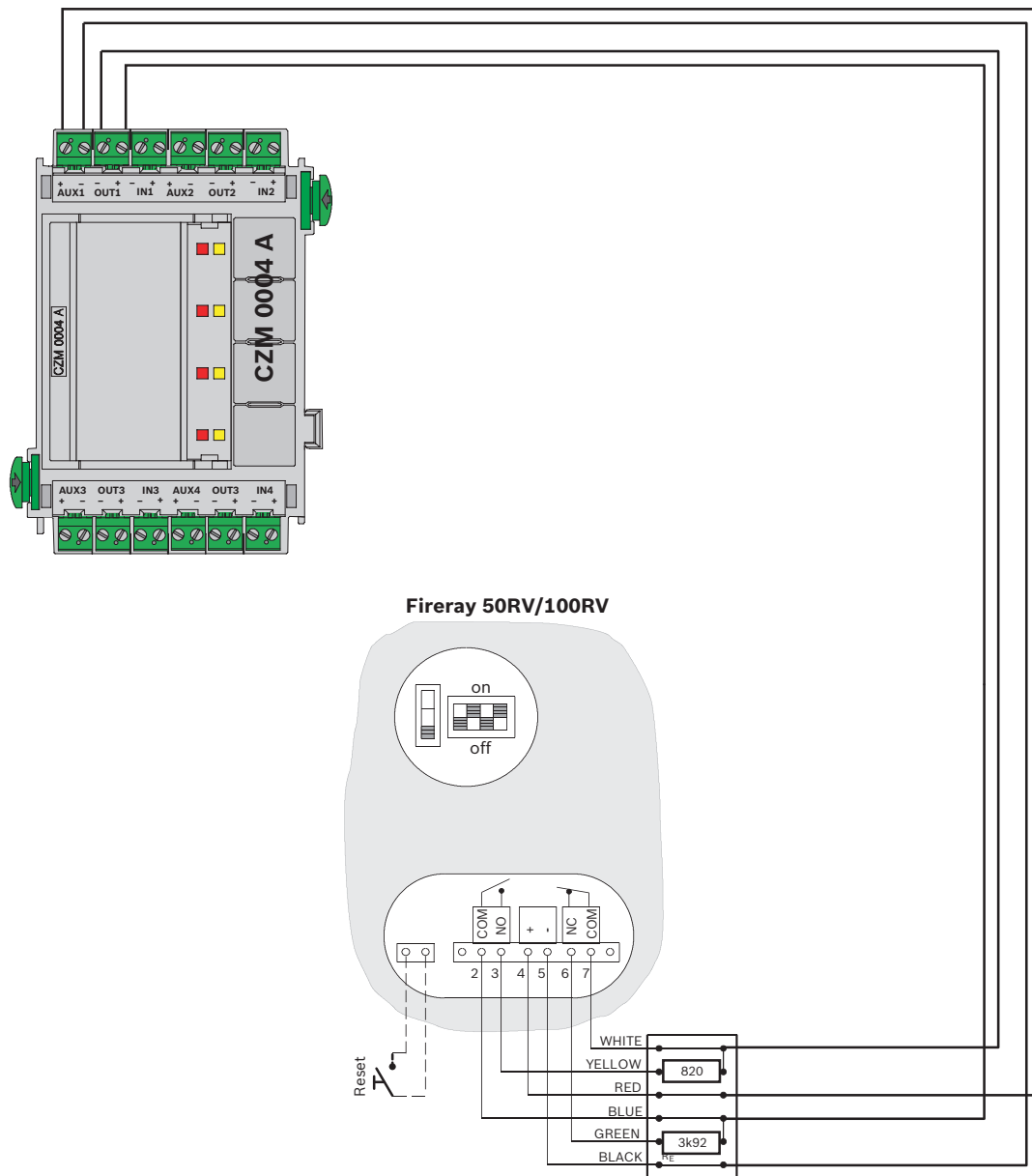
FLM-420-NAC-D



2.4.2 CZM 0004 A



Fireray 50RV
Fireray 100RV



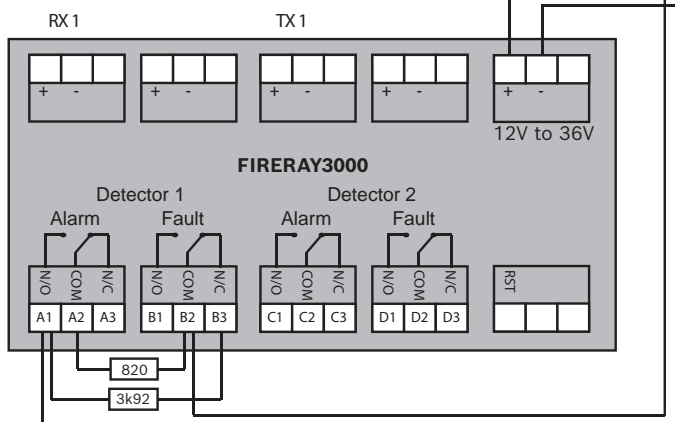
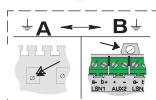
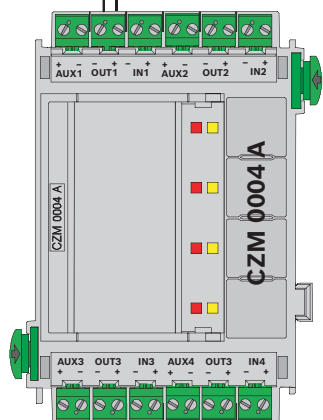


FIRERAY3000

1 x



BCM-0000-B
LSN 0300 A
LSN 1500 A

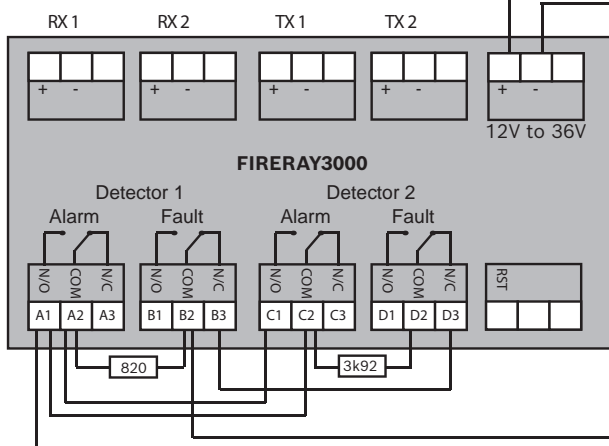
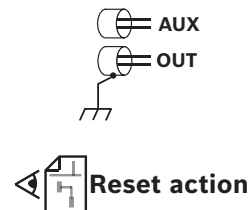
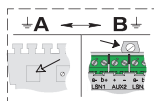
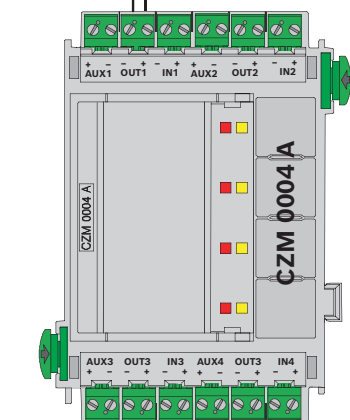




FIRERAY3000
2 x **OUT1**



BCM-000-B
LSN 0300 A
LSN 1500 A

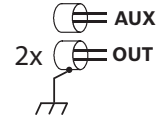
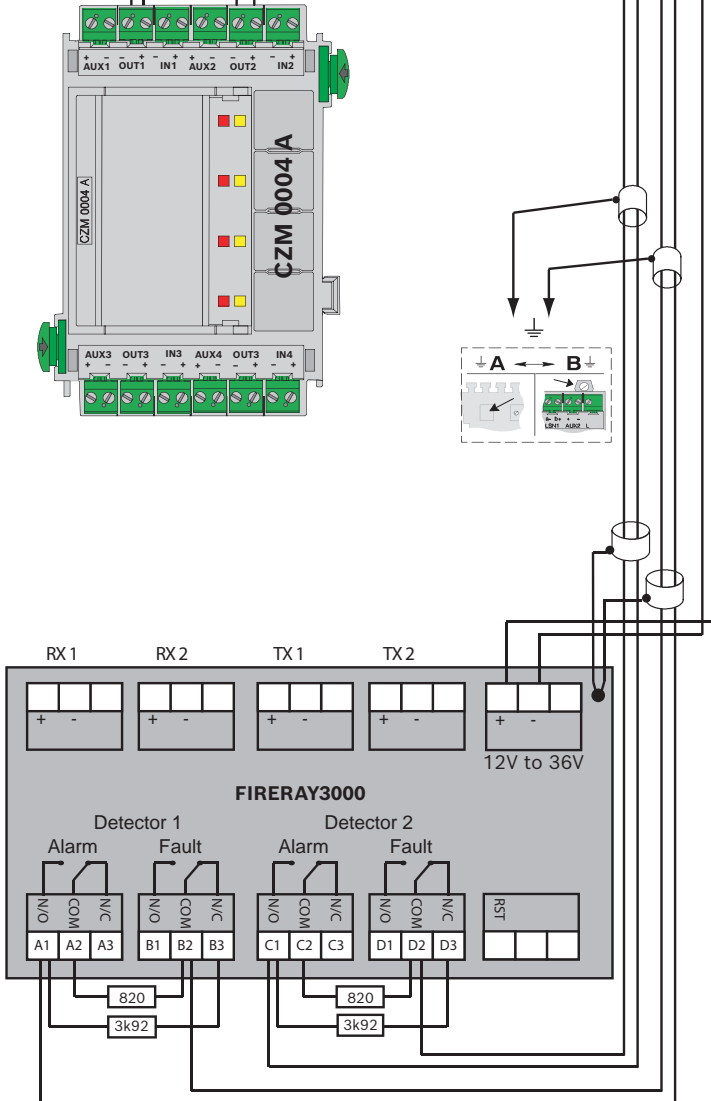




FIRERAY3000
2 x **OUT1+2**



BCM-0000-B
LSN 0300 A
LSN 1500 A



Reset action

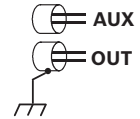
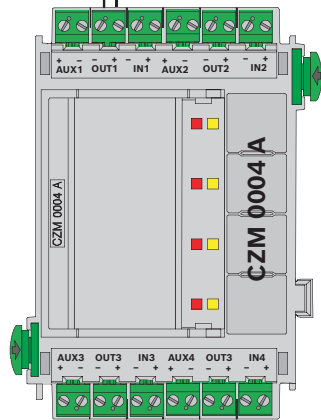


FIRERAY5000

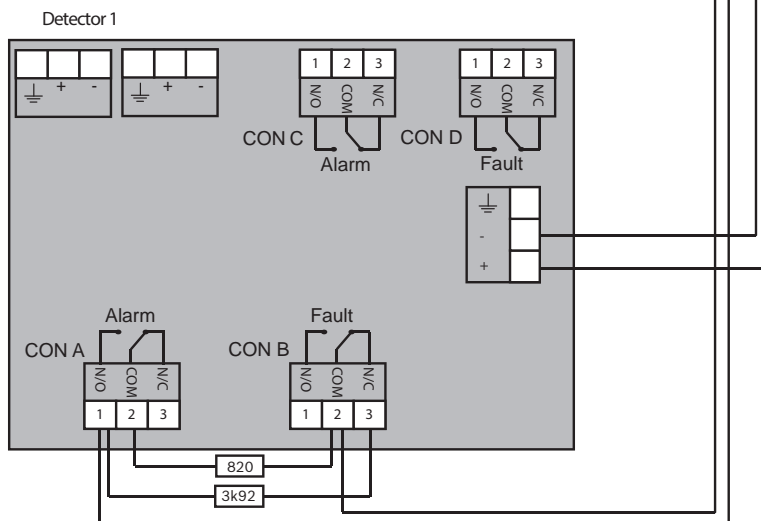
1 x



BCM-0000-B
LSN 0300 A
LSN 1500 A



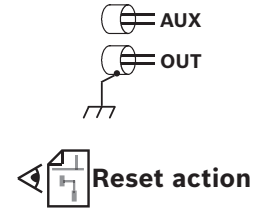
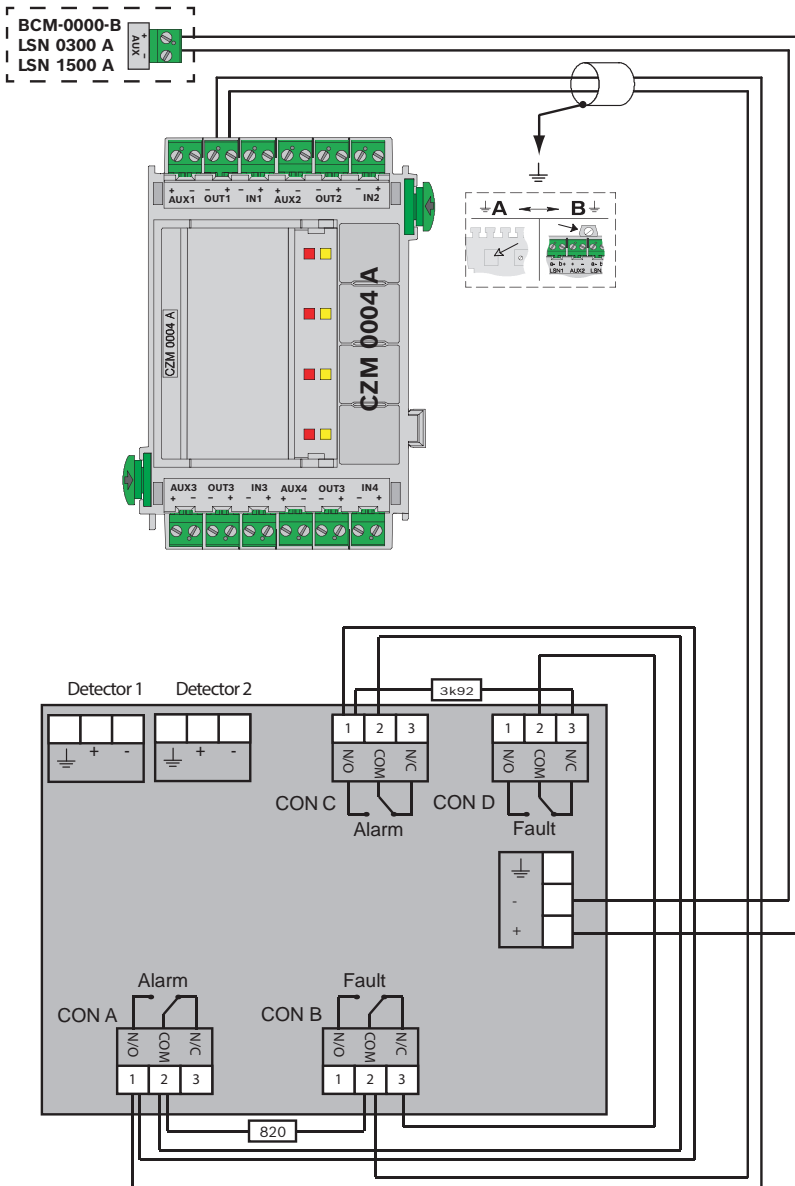
Reset action

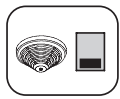




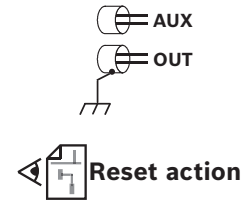
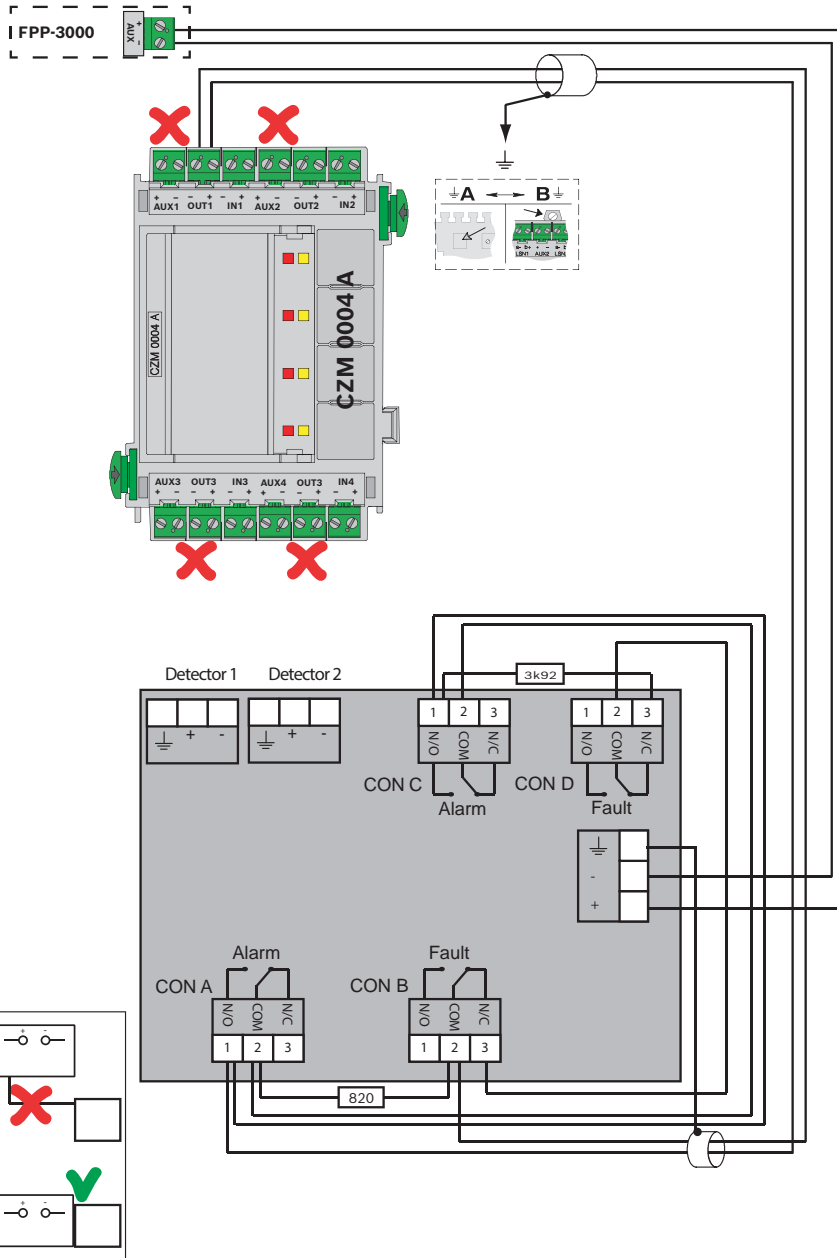
FIRERAY5000

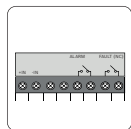
2 x OUT1



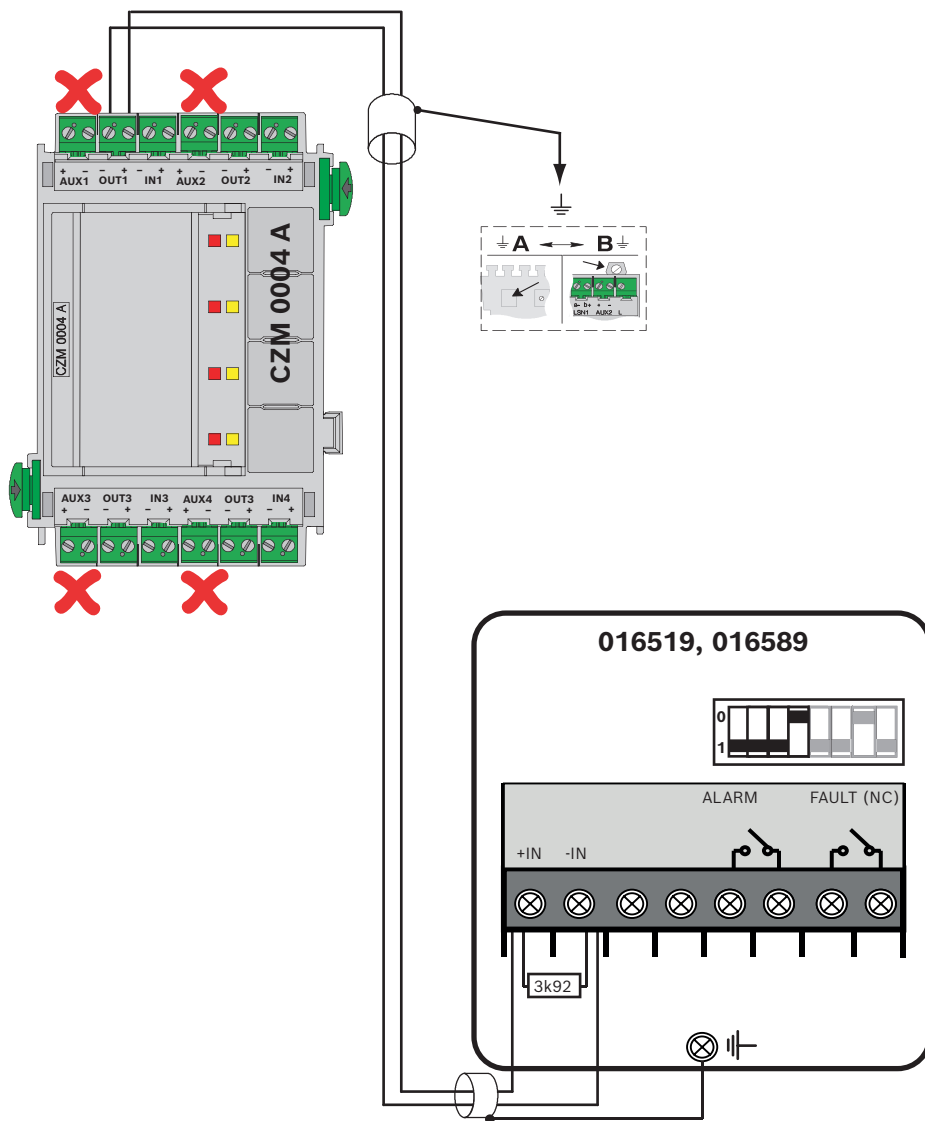
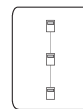


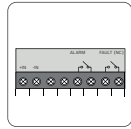
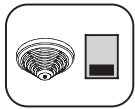
FIRERAY5000
2 x **OUT1**



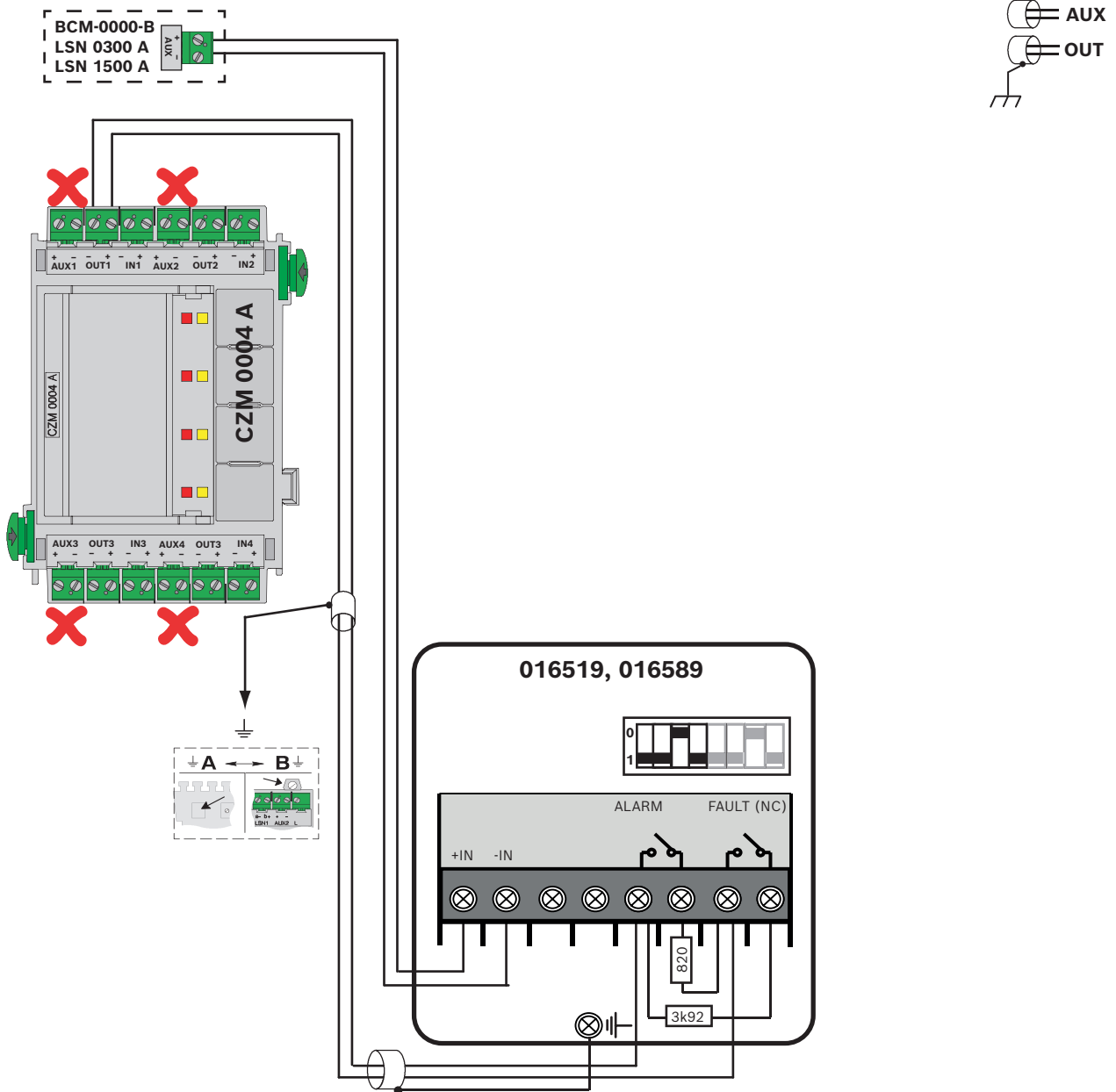
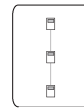


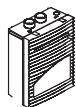
016519, 016589
IR3 Flame Detector



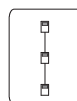


**016519, 016589
IR3 Flame Detector**

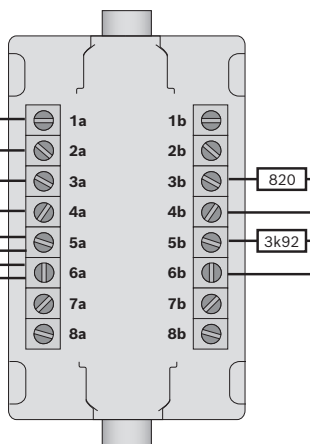
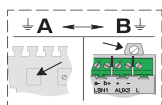
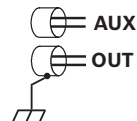
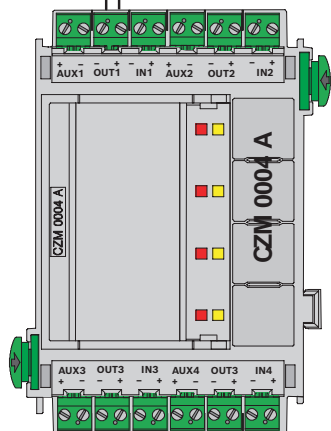


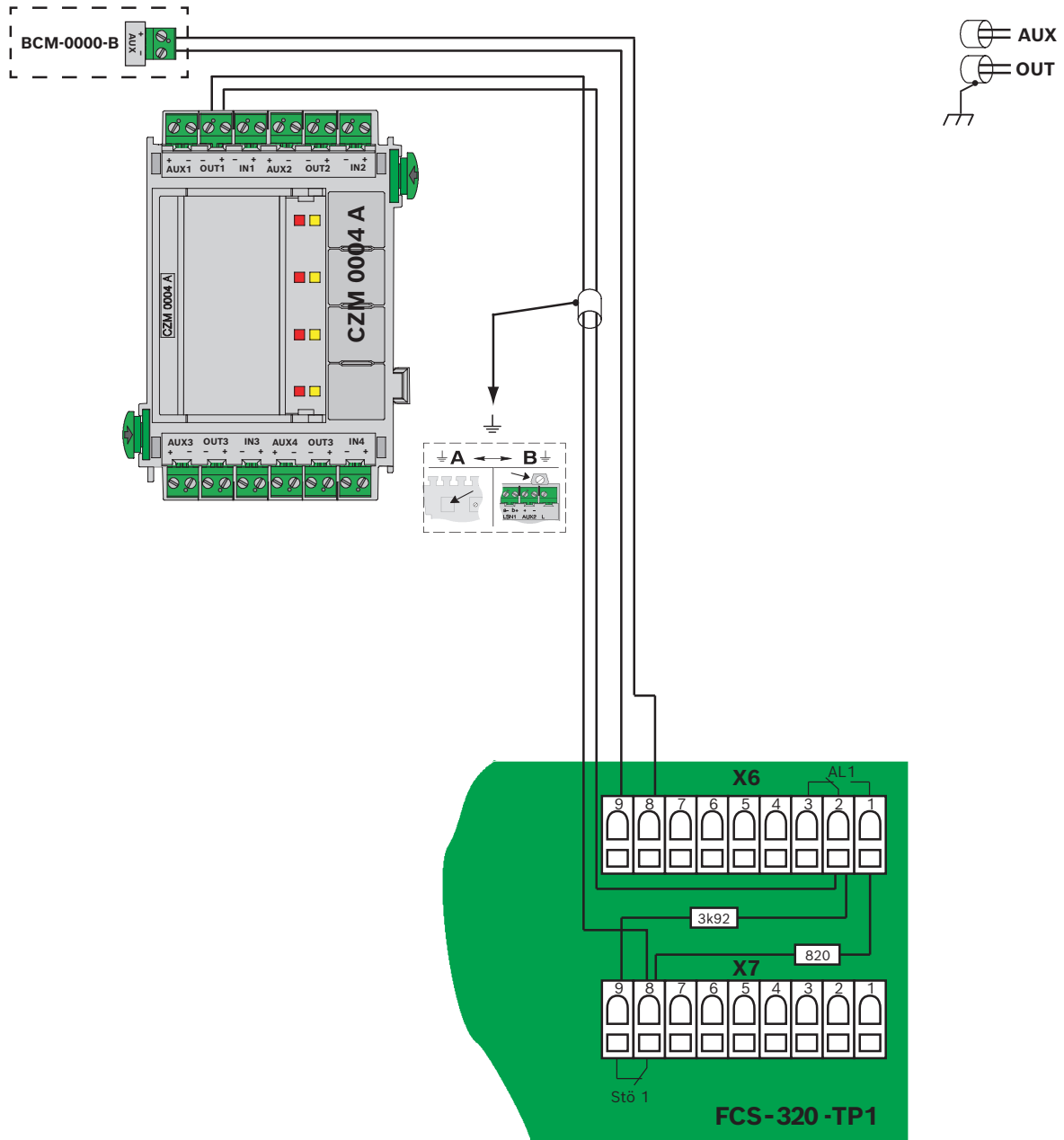
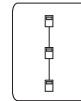
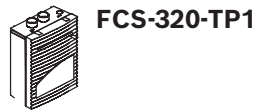


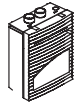
FCS-320-TM Series



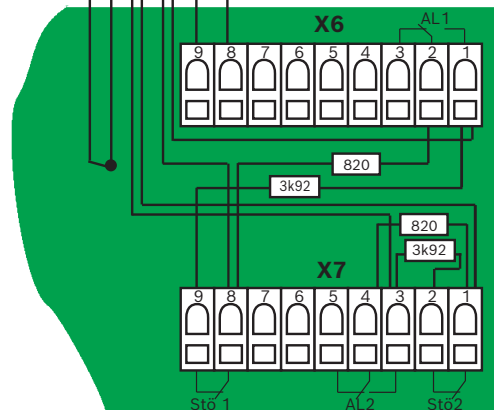
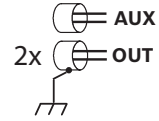
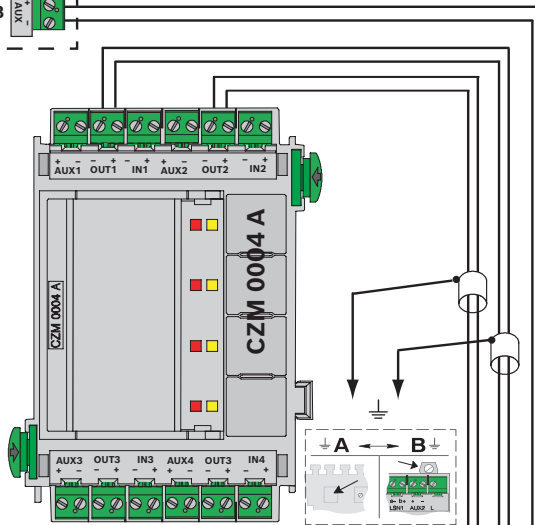
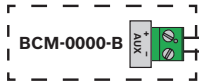
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LSN 0300 A
LSN 1500 A







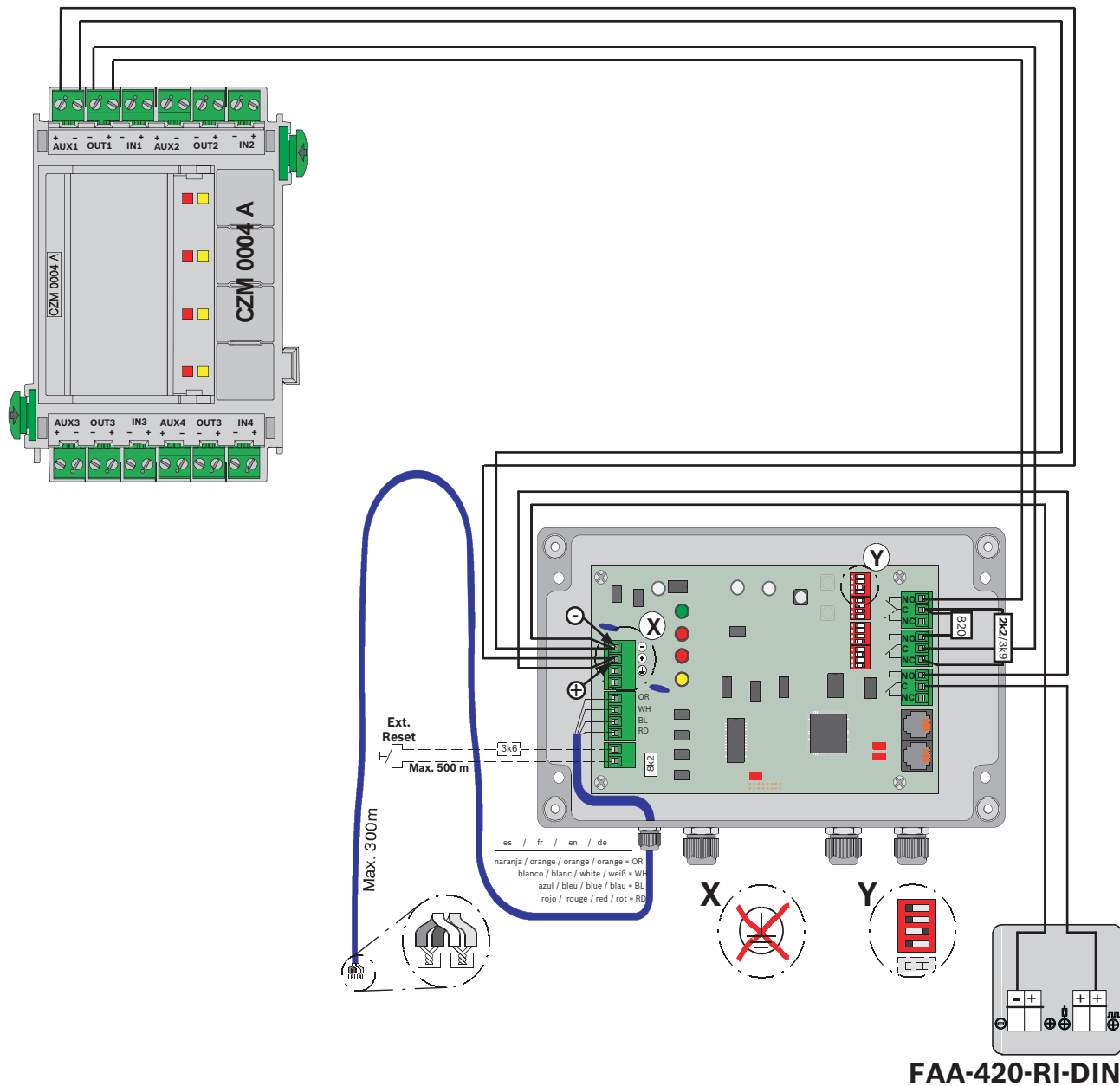
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FCS-320-TP2

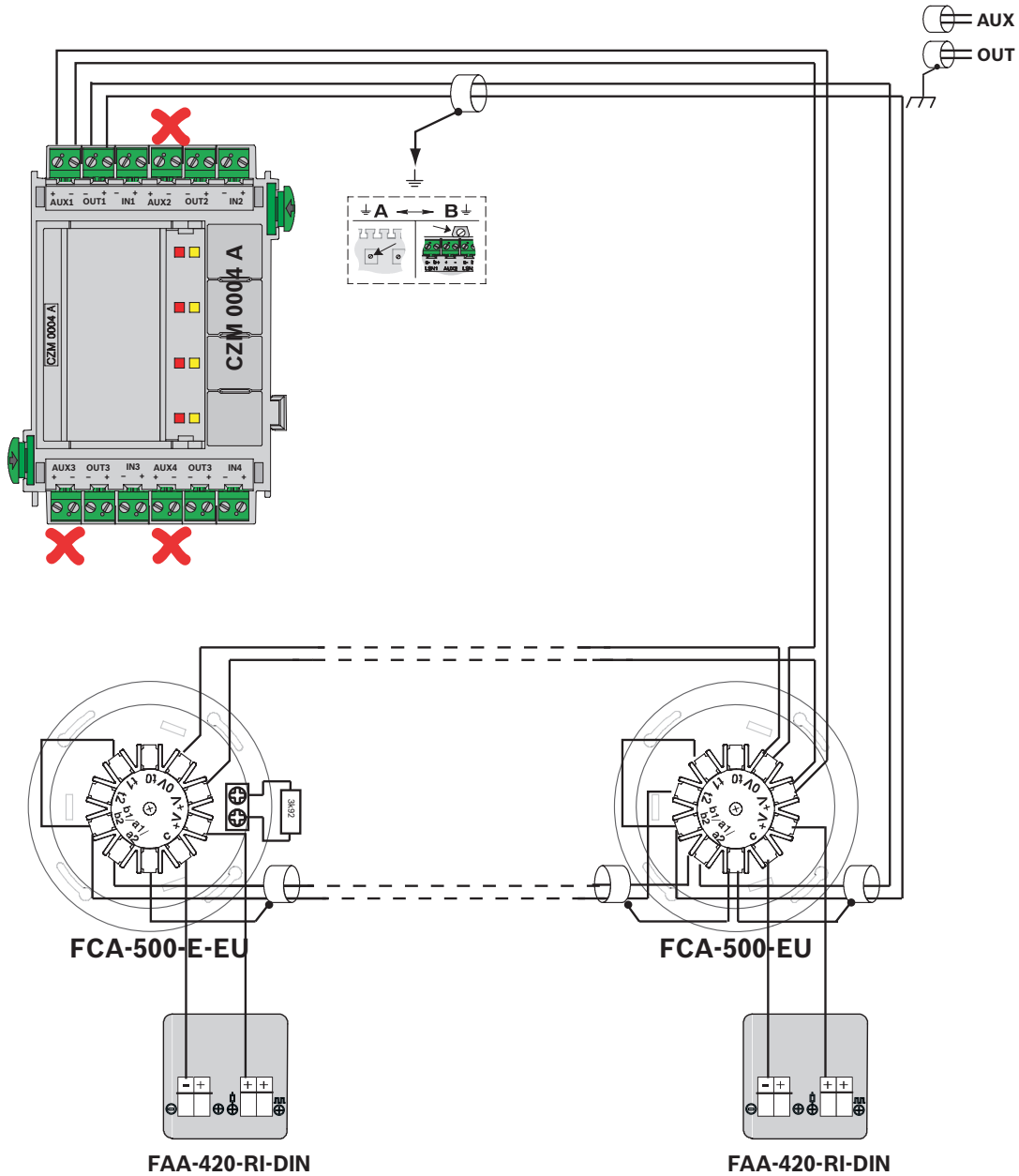


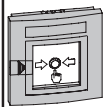
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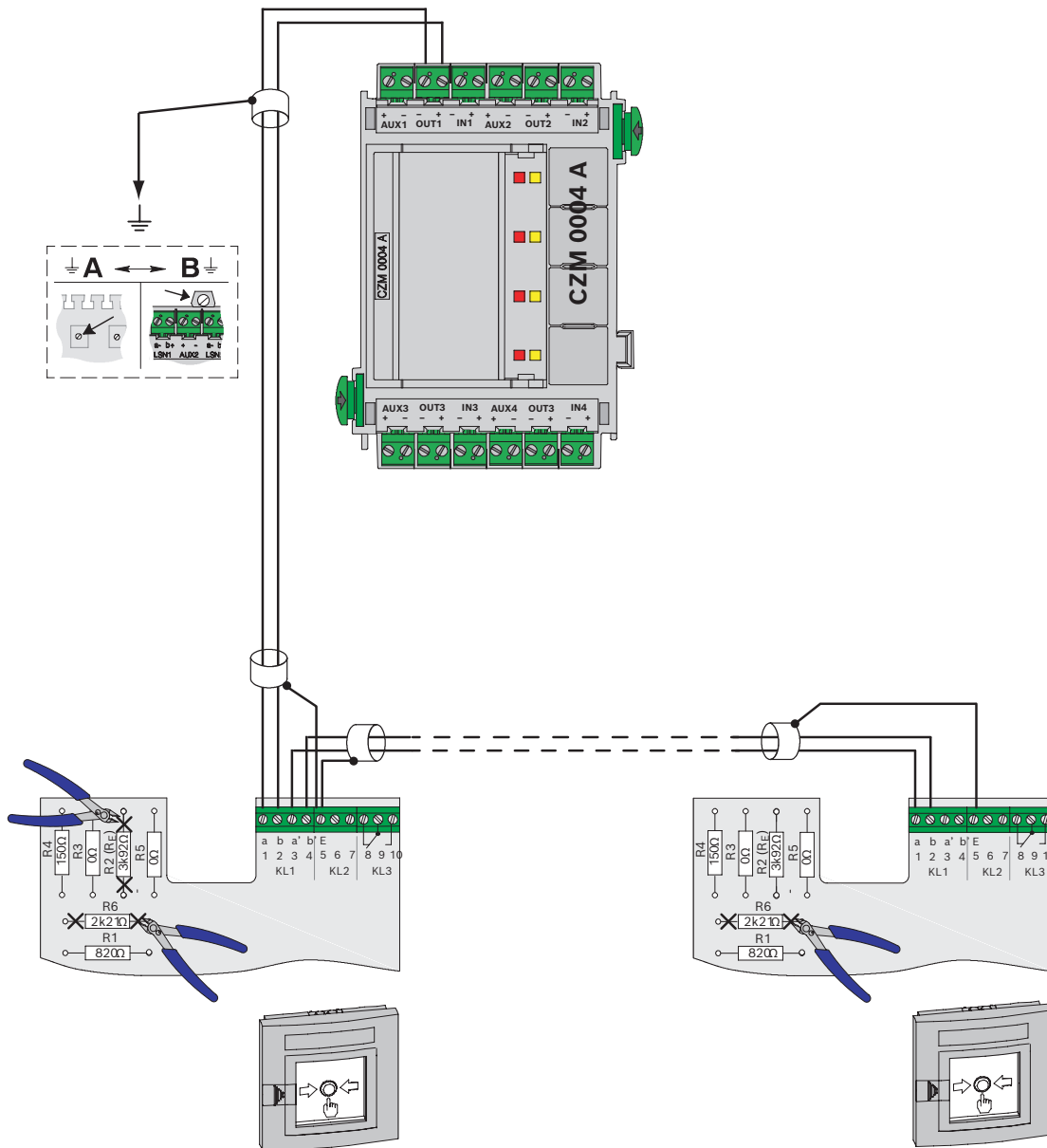
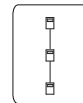


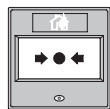
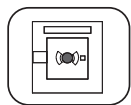
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 FCP-O 500
 FCP-O 500-P
 FCP-OC 500
 FCP-OC 500-P



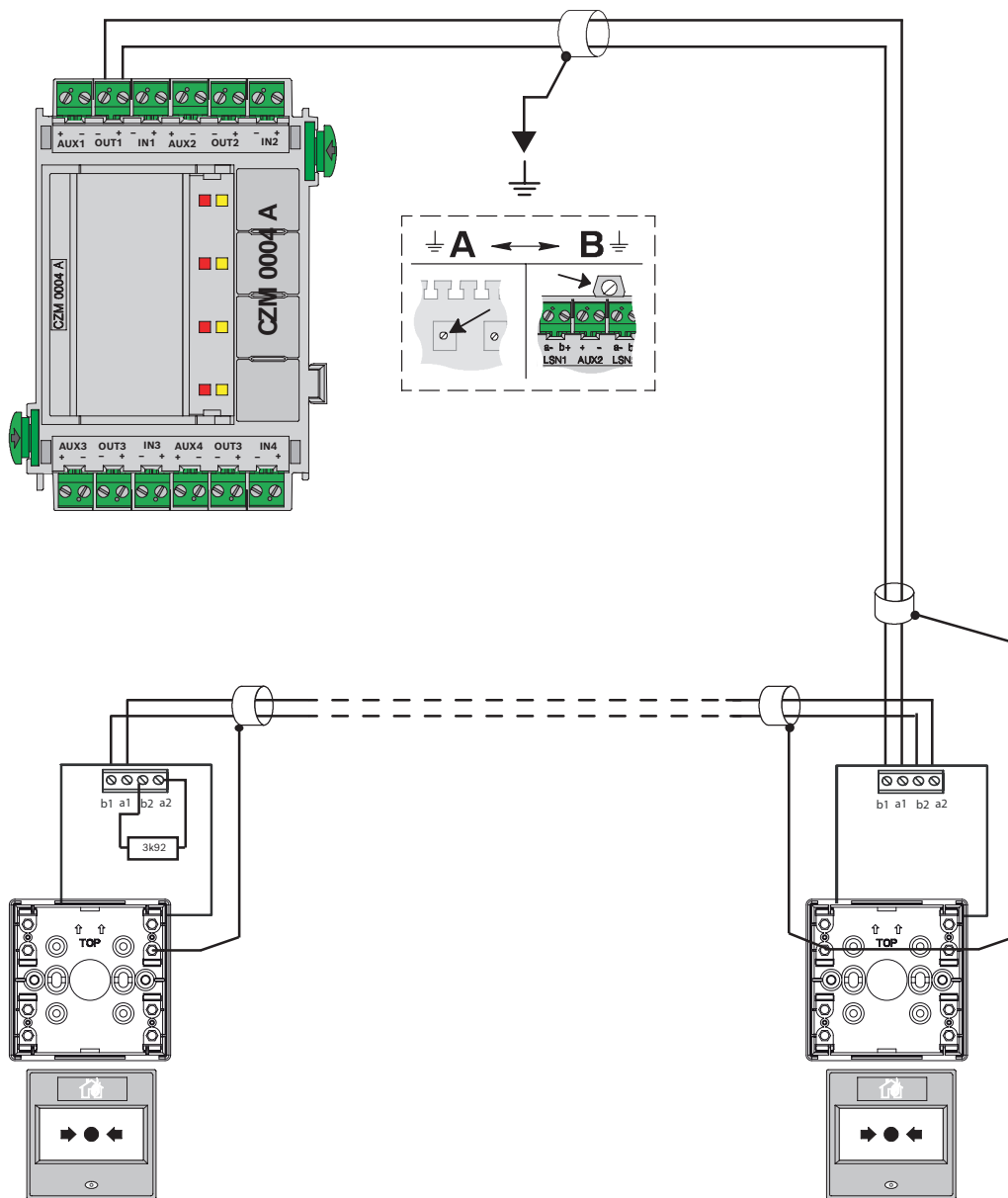
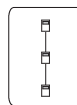


FMC-120-DKM-G-R
FMC-120-DKM-H-R
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FMC-120-DKM-H-B
FMC-120-DKM-G-Y





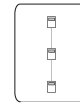
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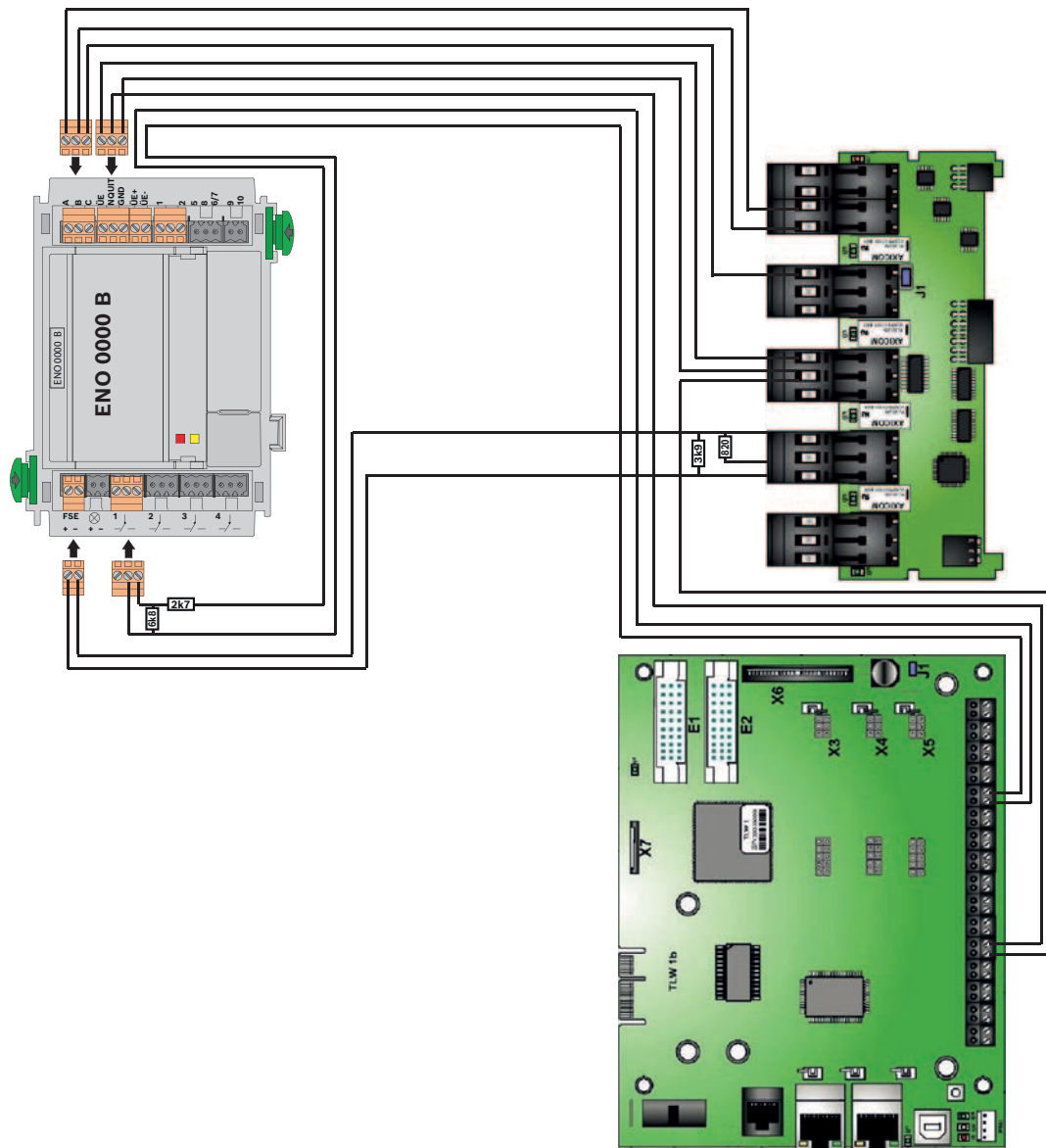
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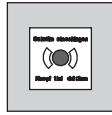
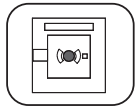


AT5000 IP/GPRS

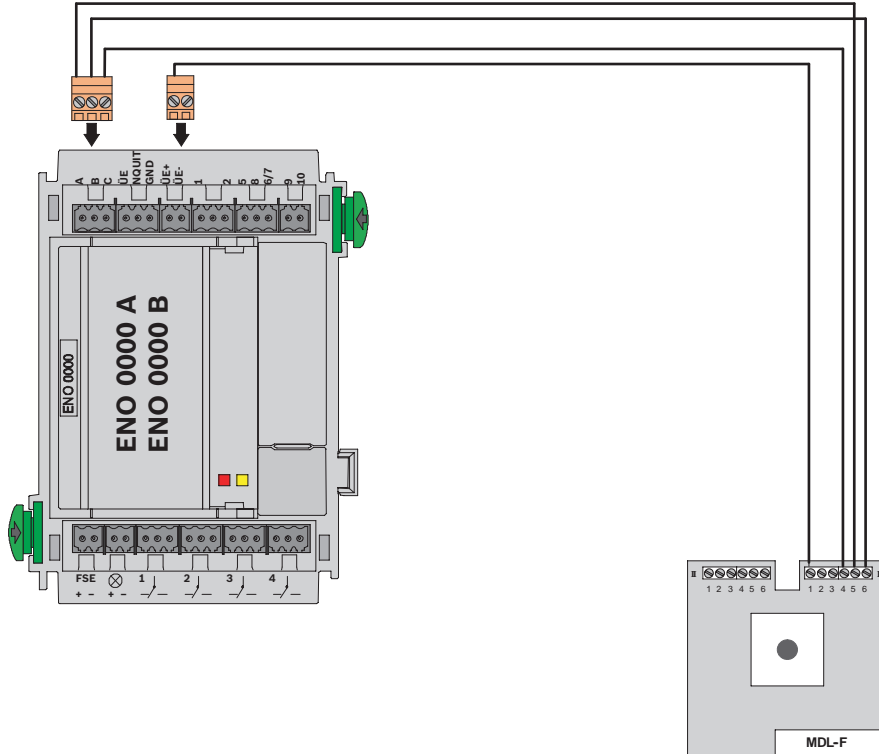


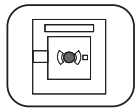
EN 54-2



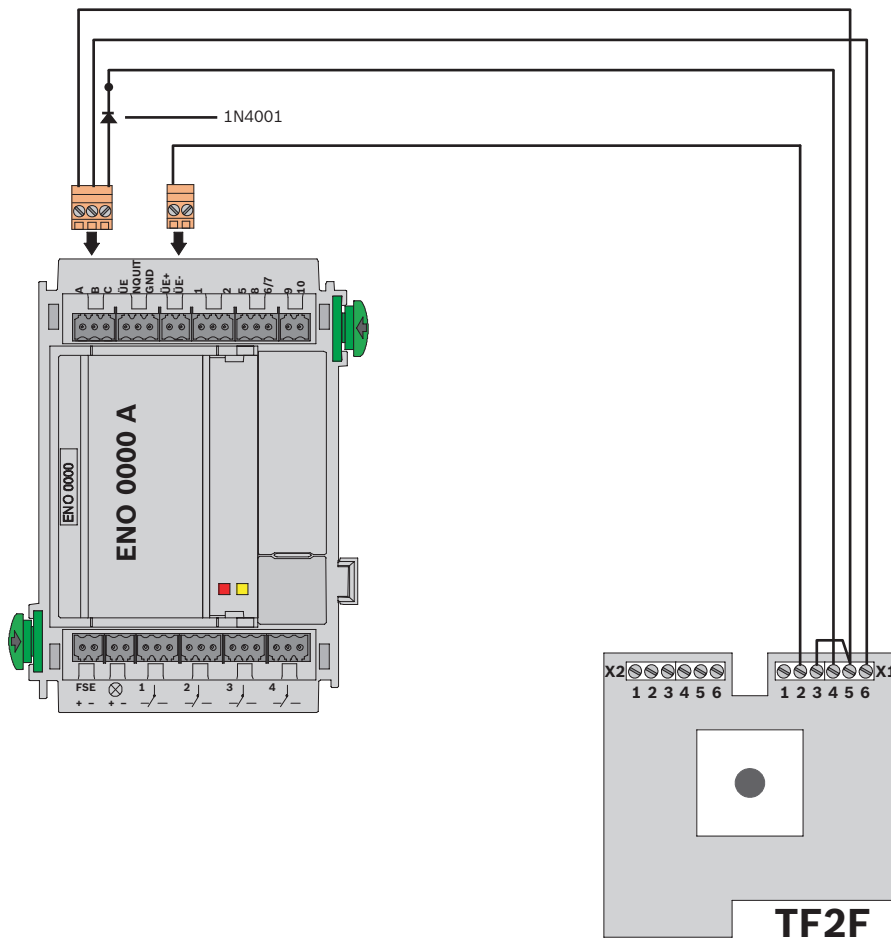
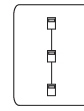


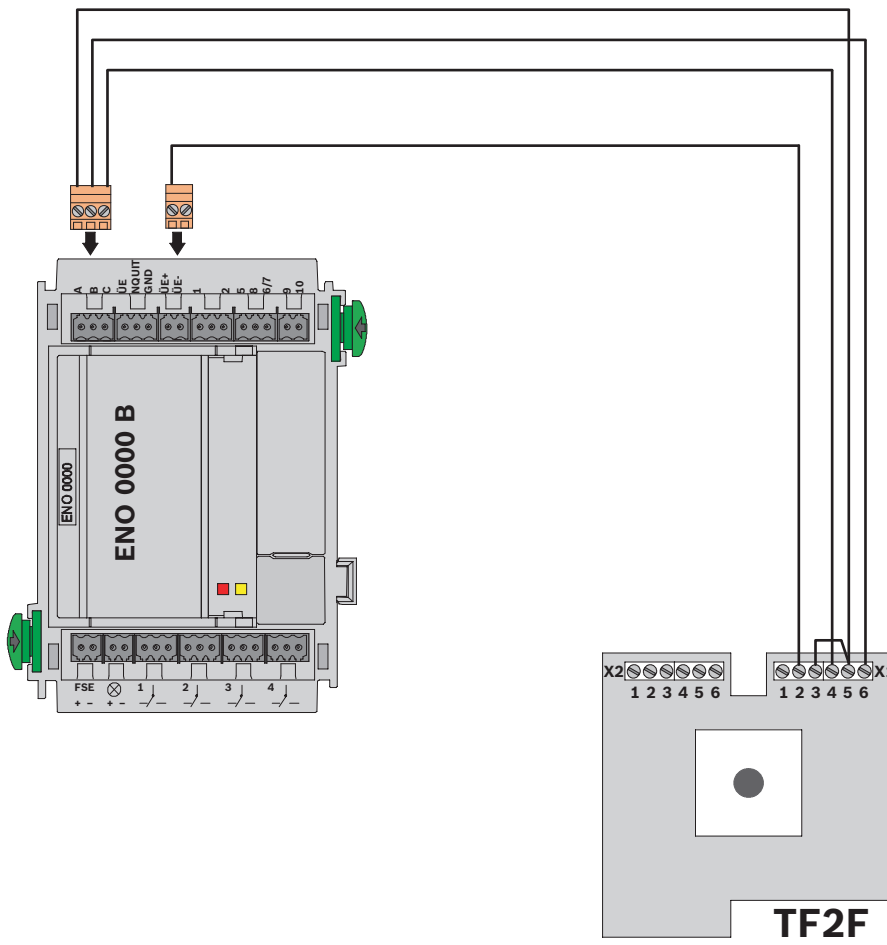
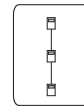
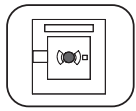
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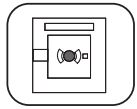




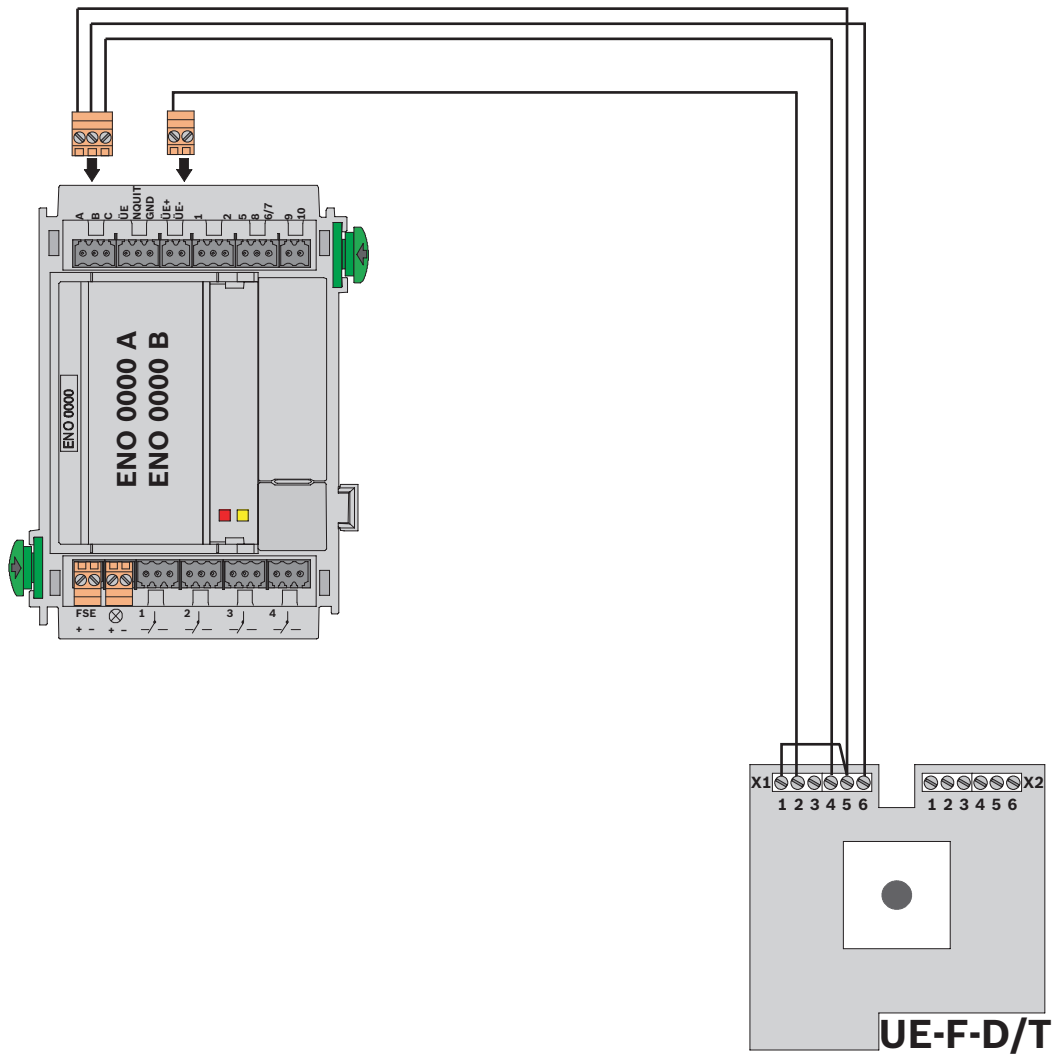
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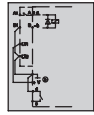




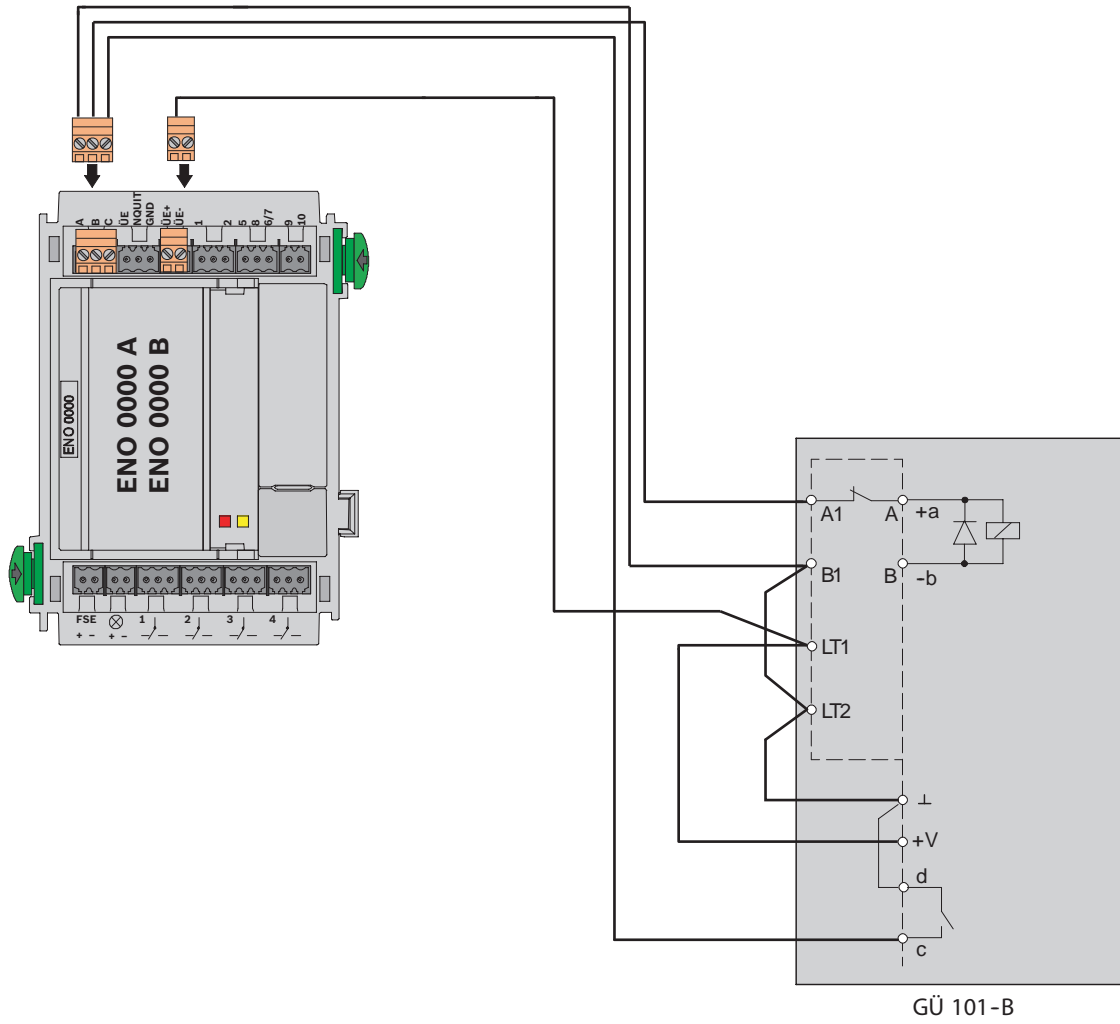
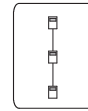


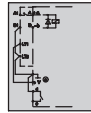
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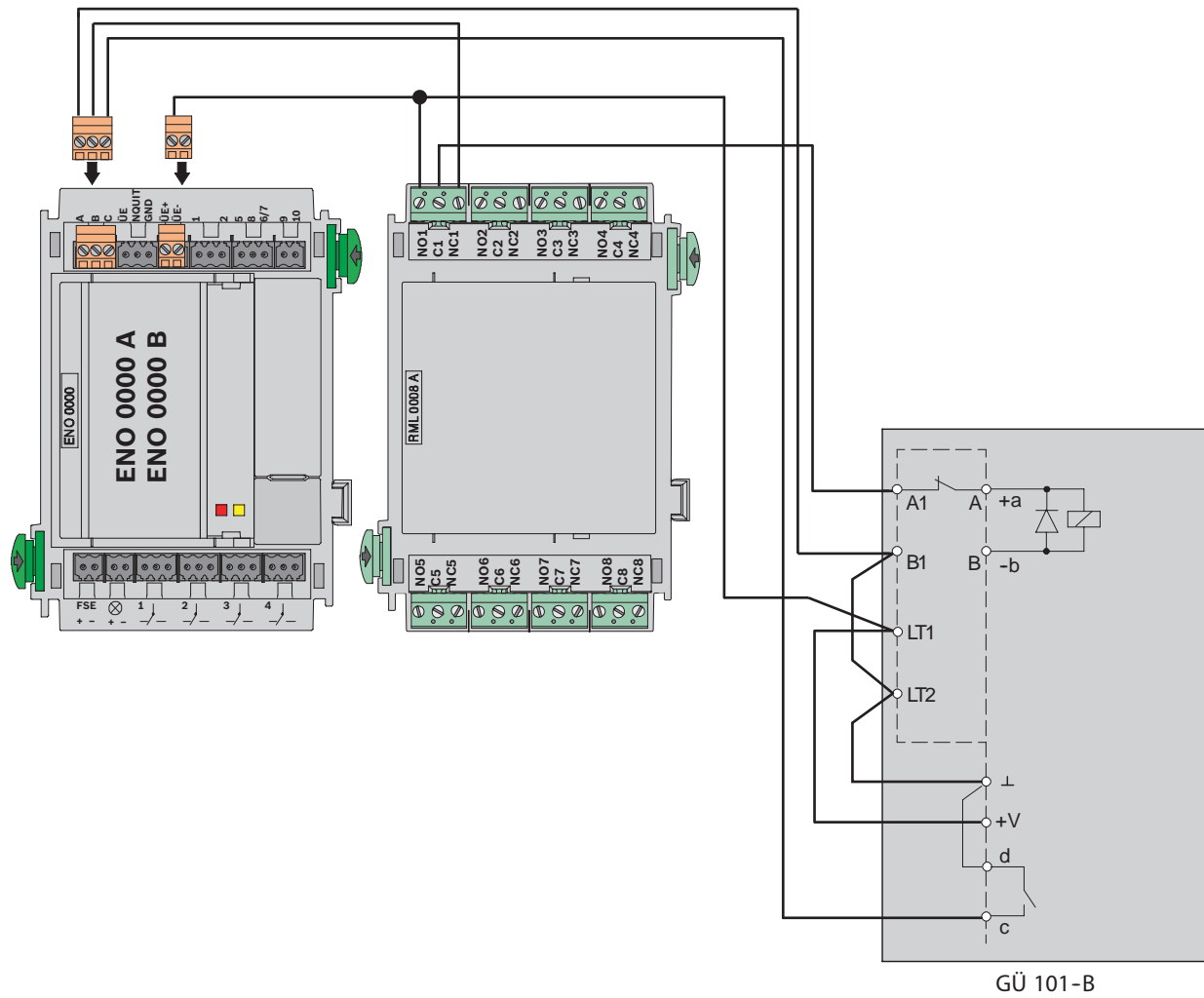
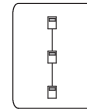


GÜ 101-B



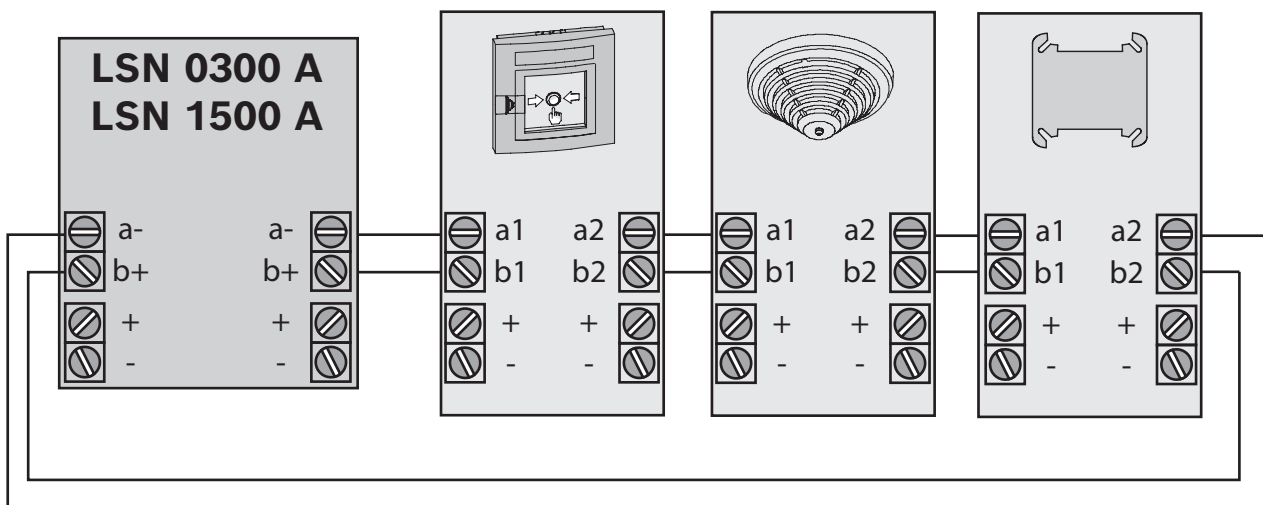
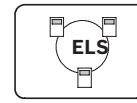


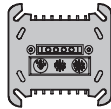
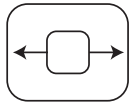
GÜ 101-B



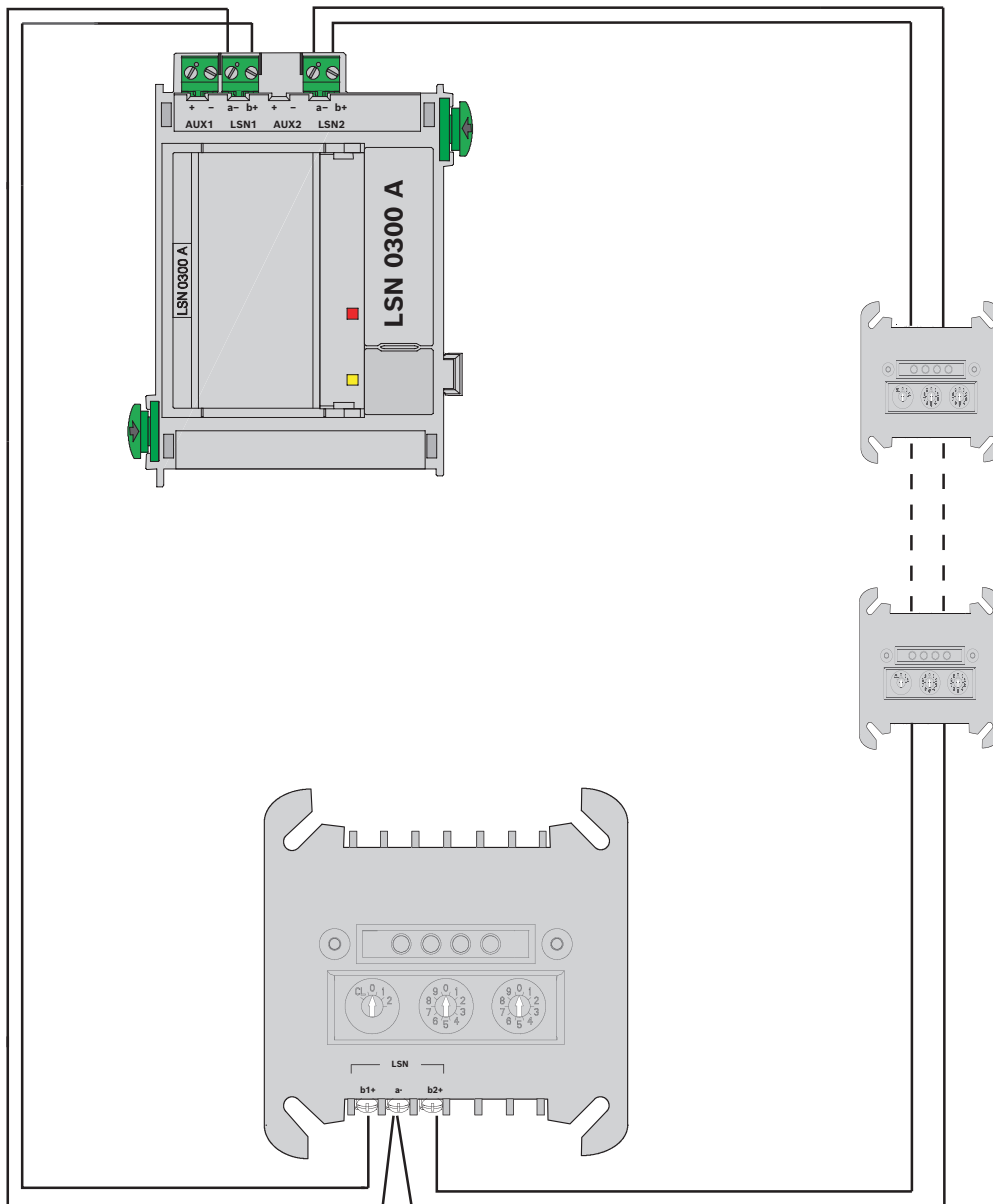
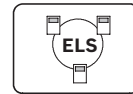
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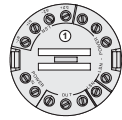
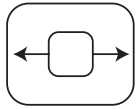
LSN 0300 A



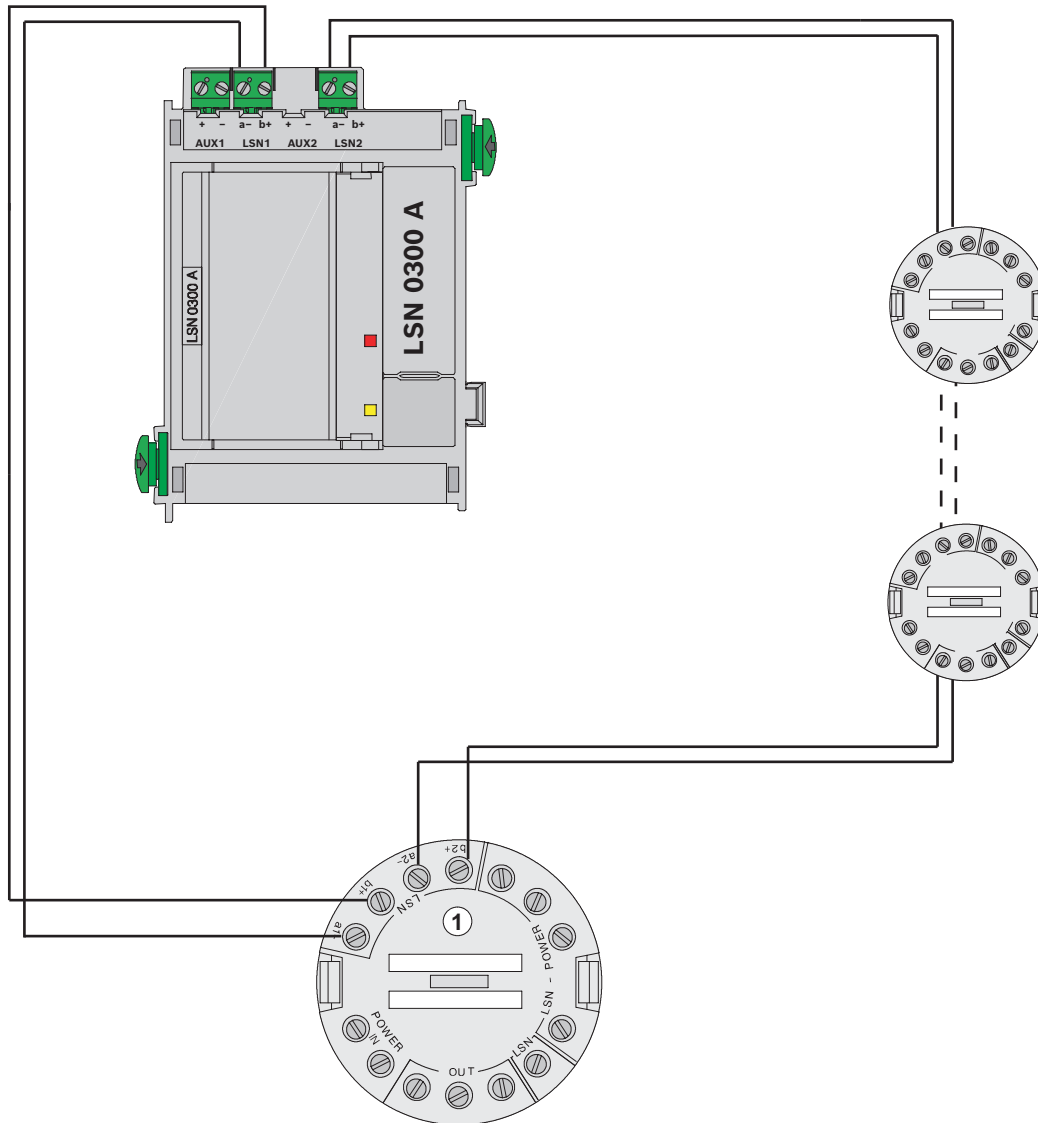
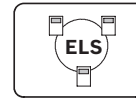


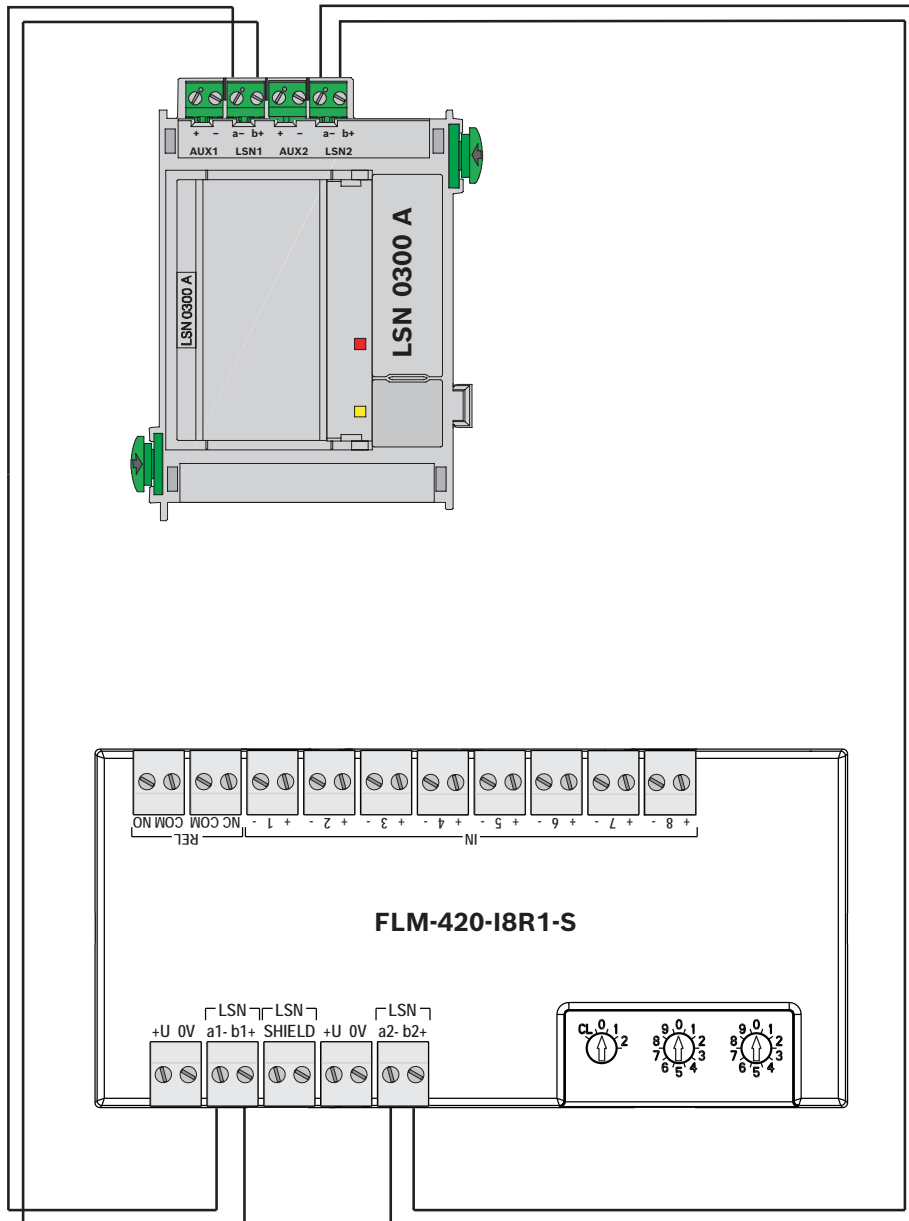
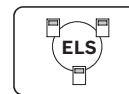
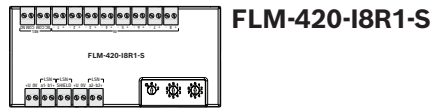
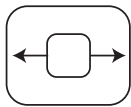
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FLM-420-I2-D
FLM-420-O1I1-D
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FLM-420-RLV1-D

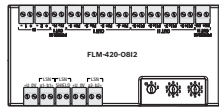
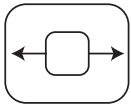




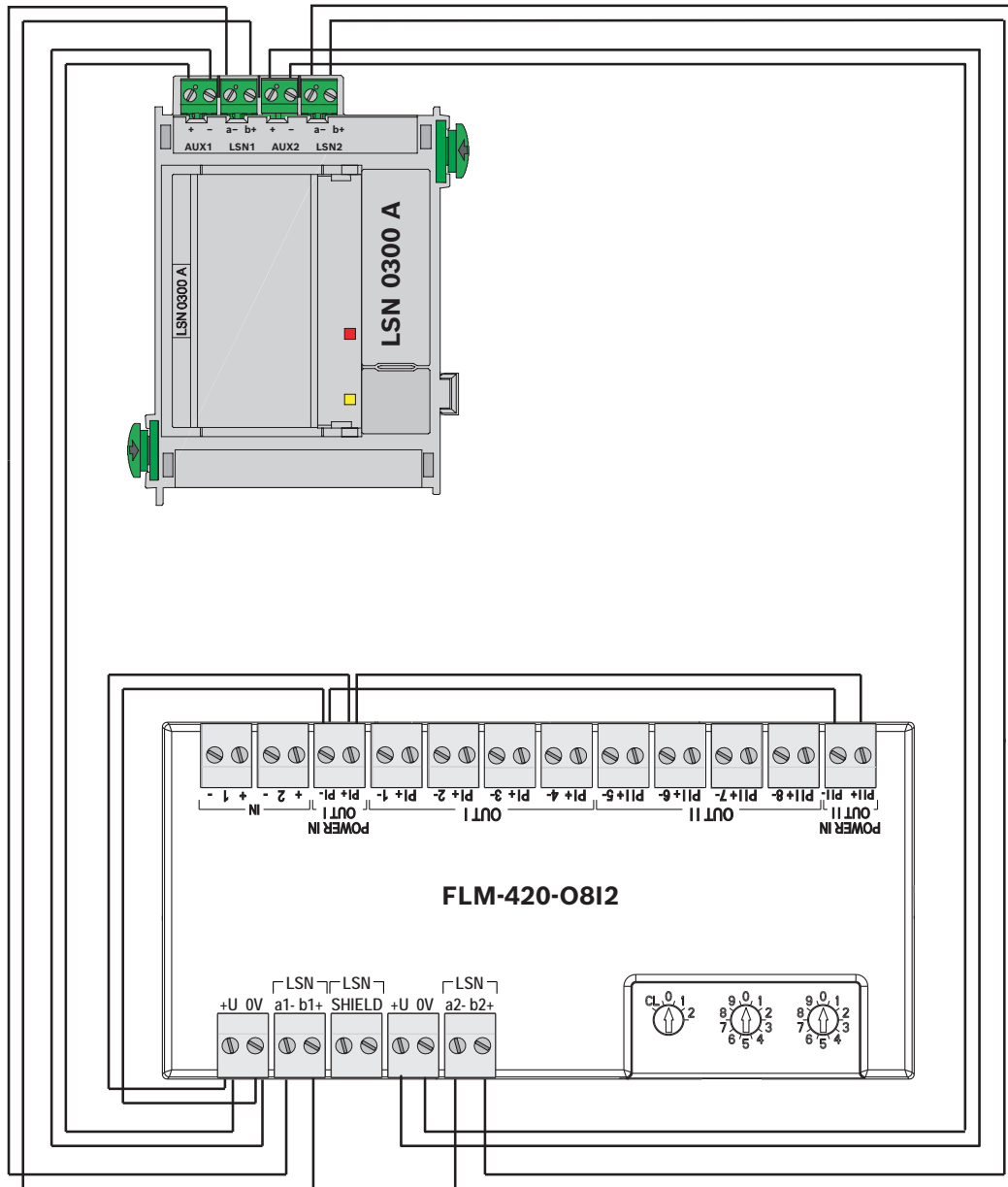
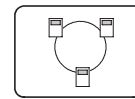
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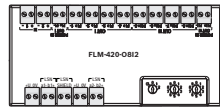
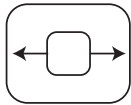




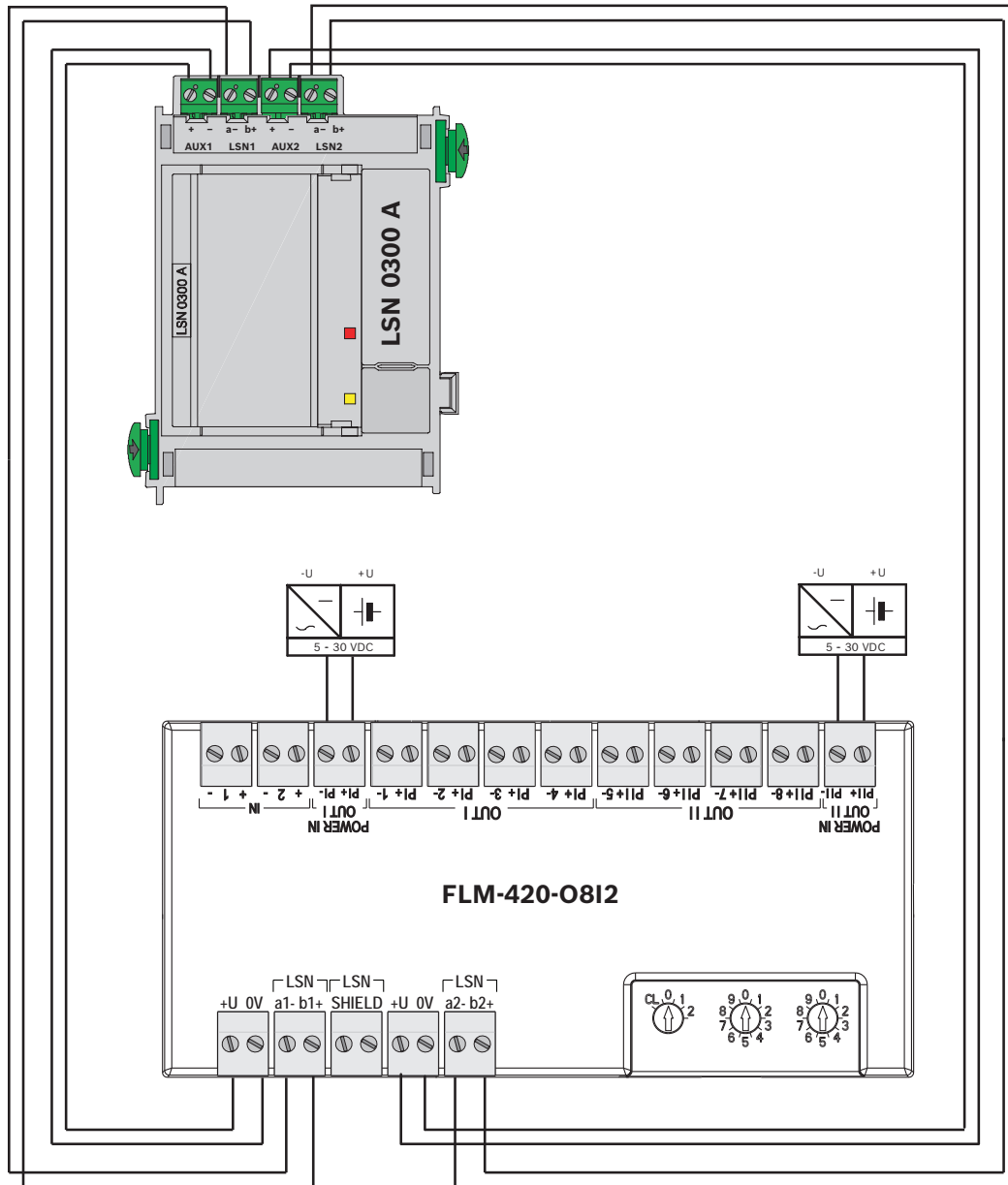
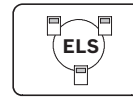


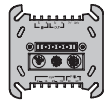
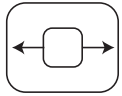
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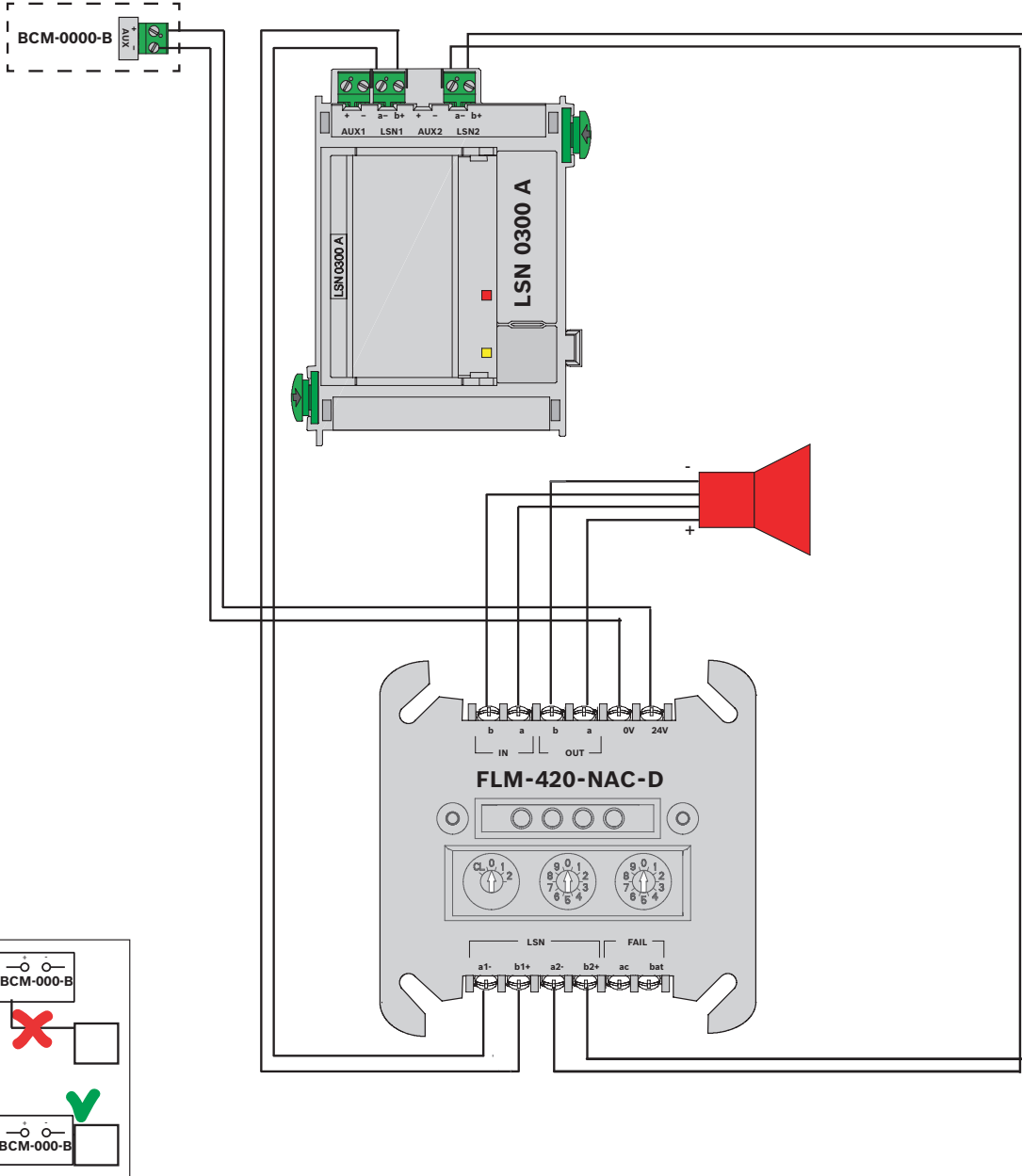
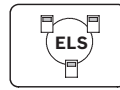


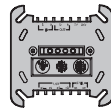
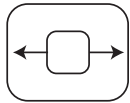
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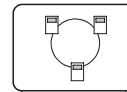


FLM-420-NAC-D/S

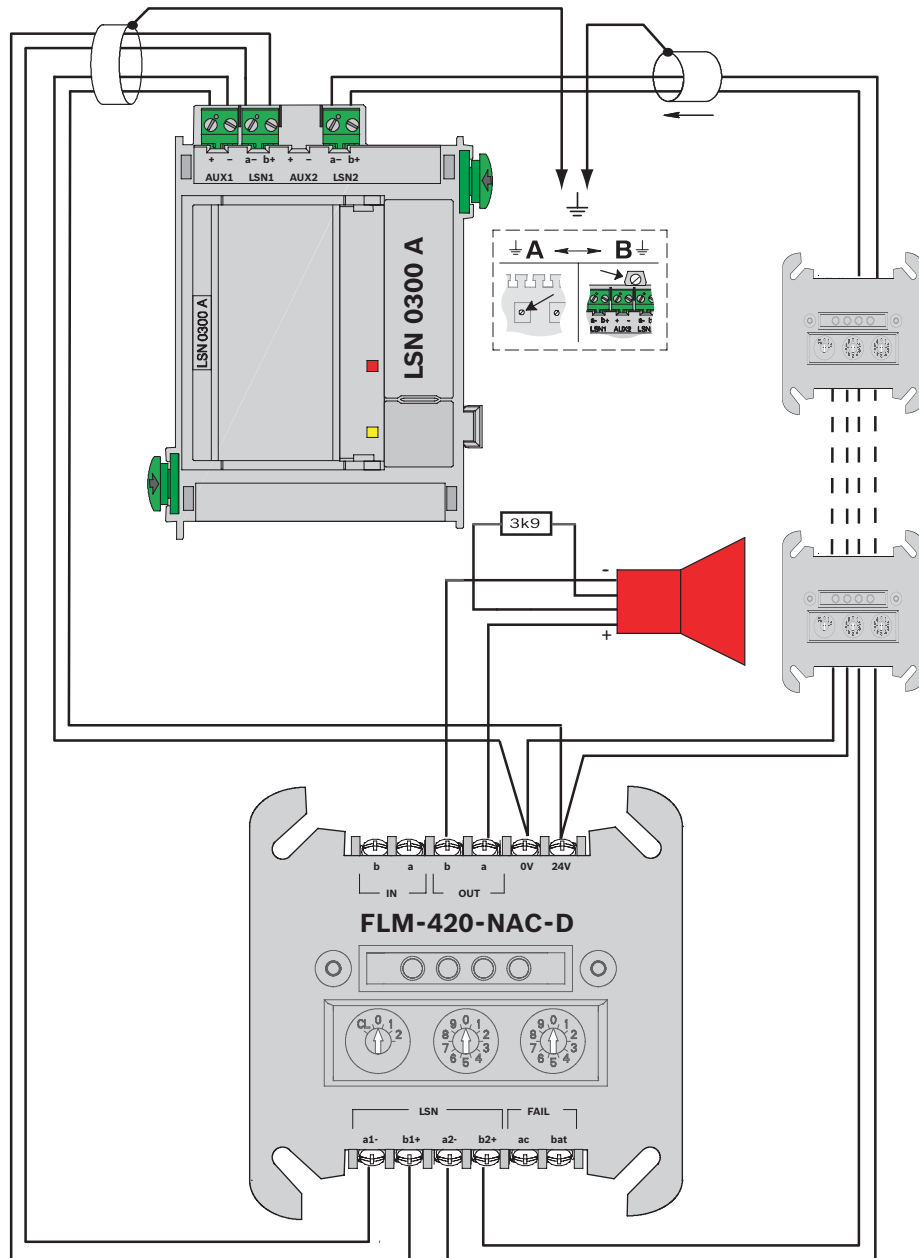


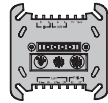
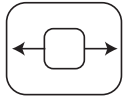


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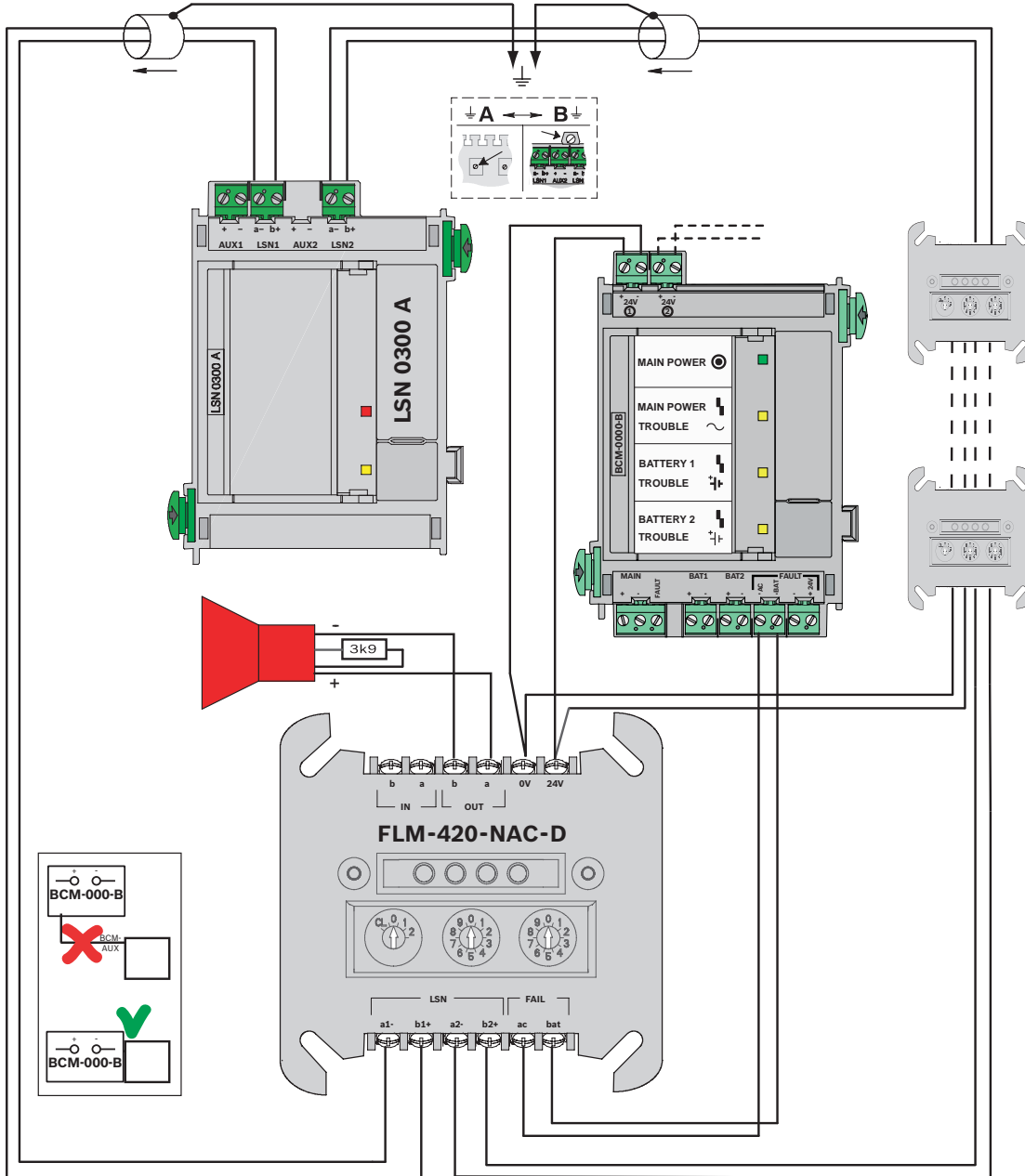
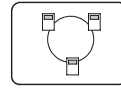


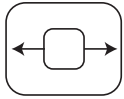
EN 54-2



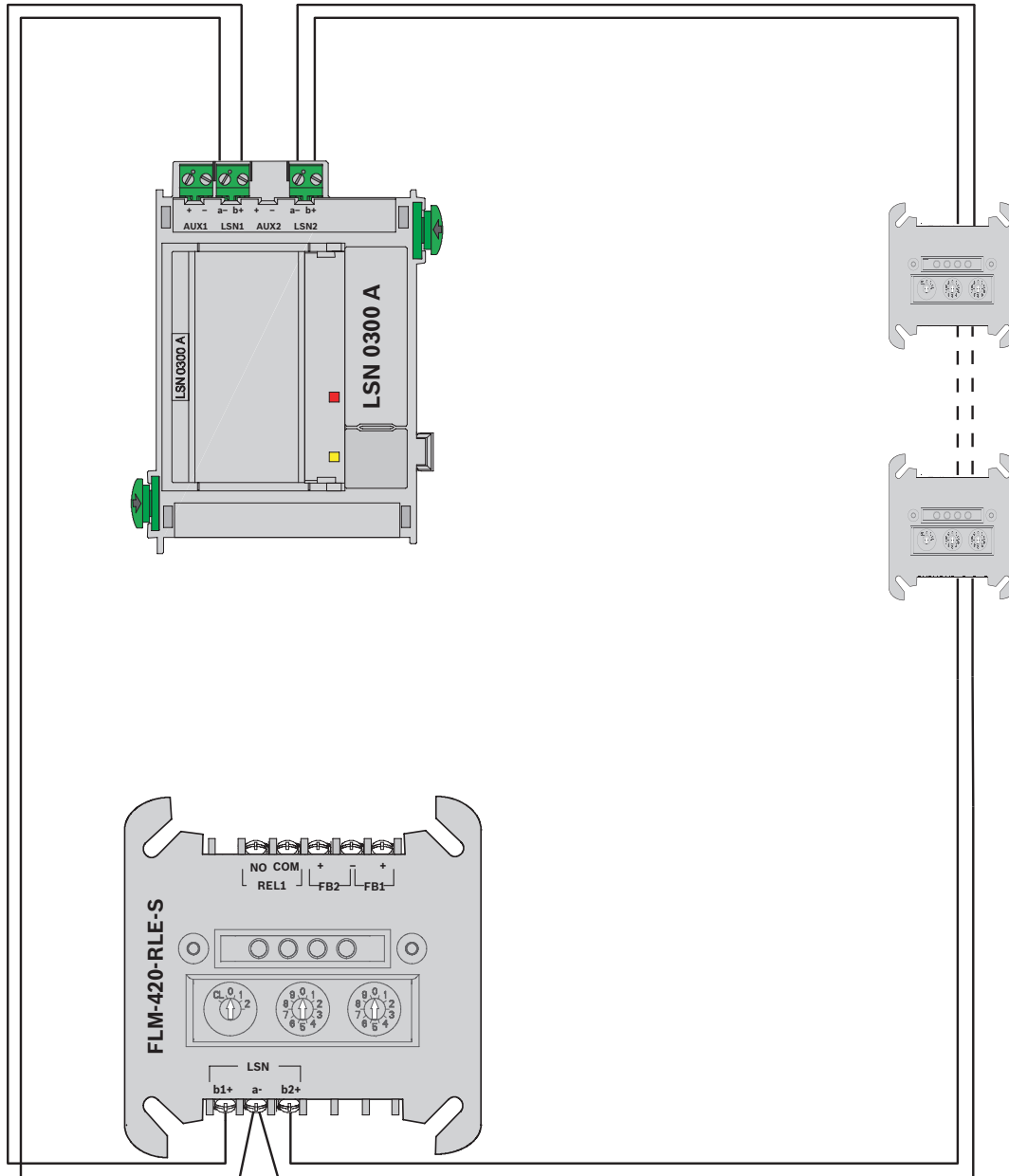
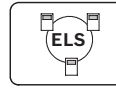


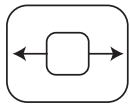
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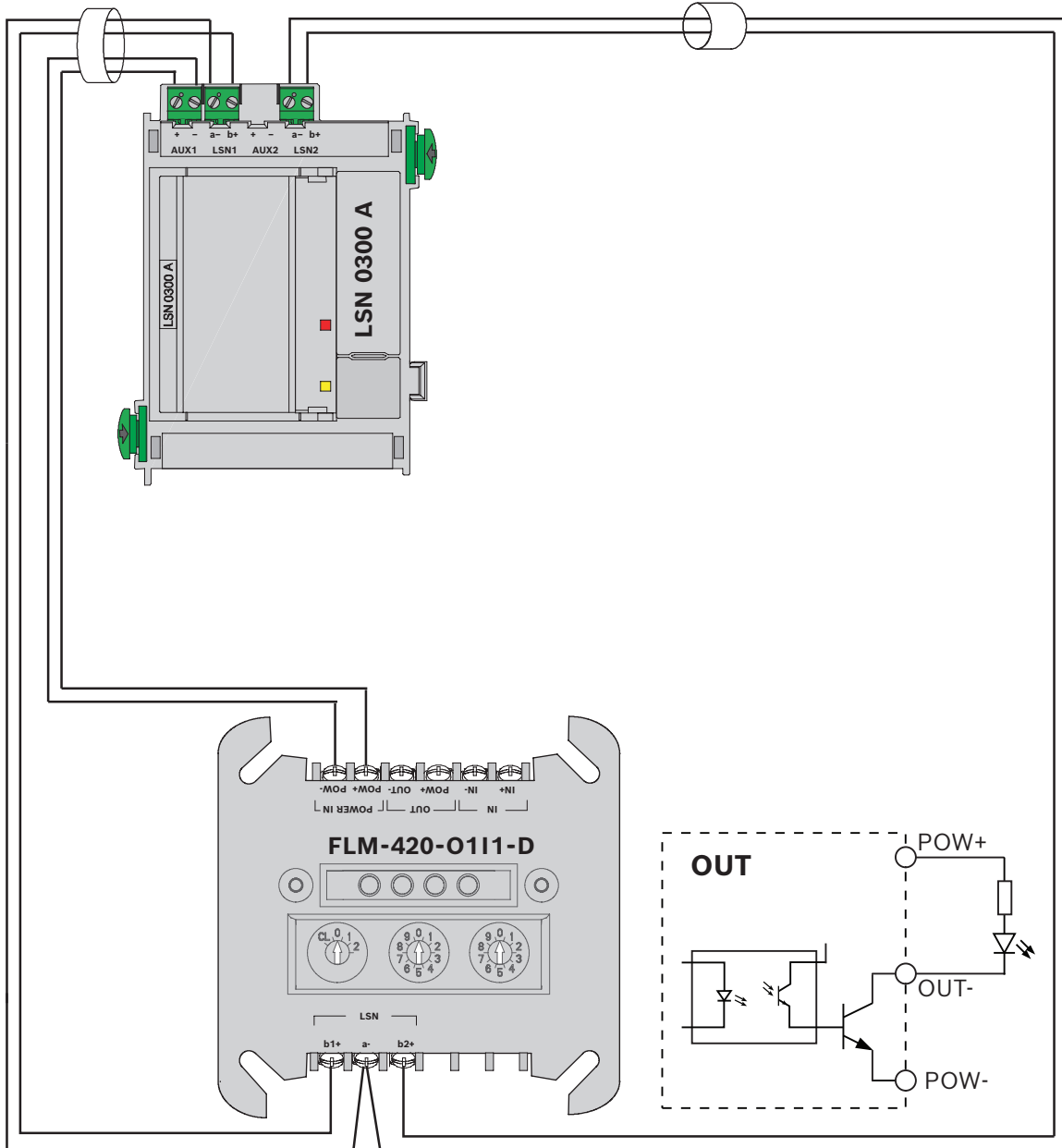
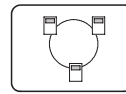


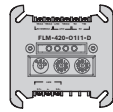
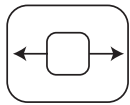
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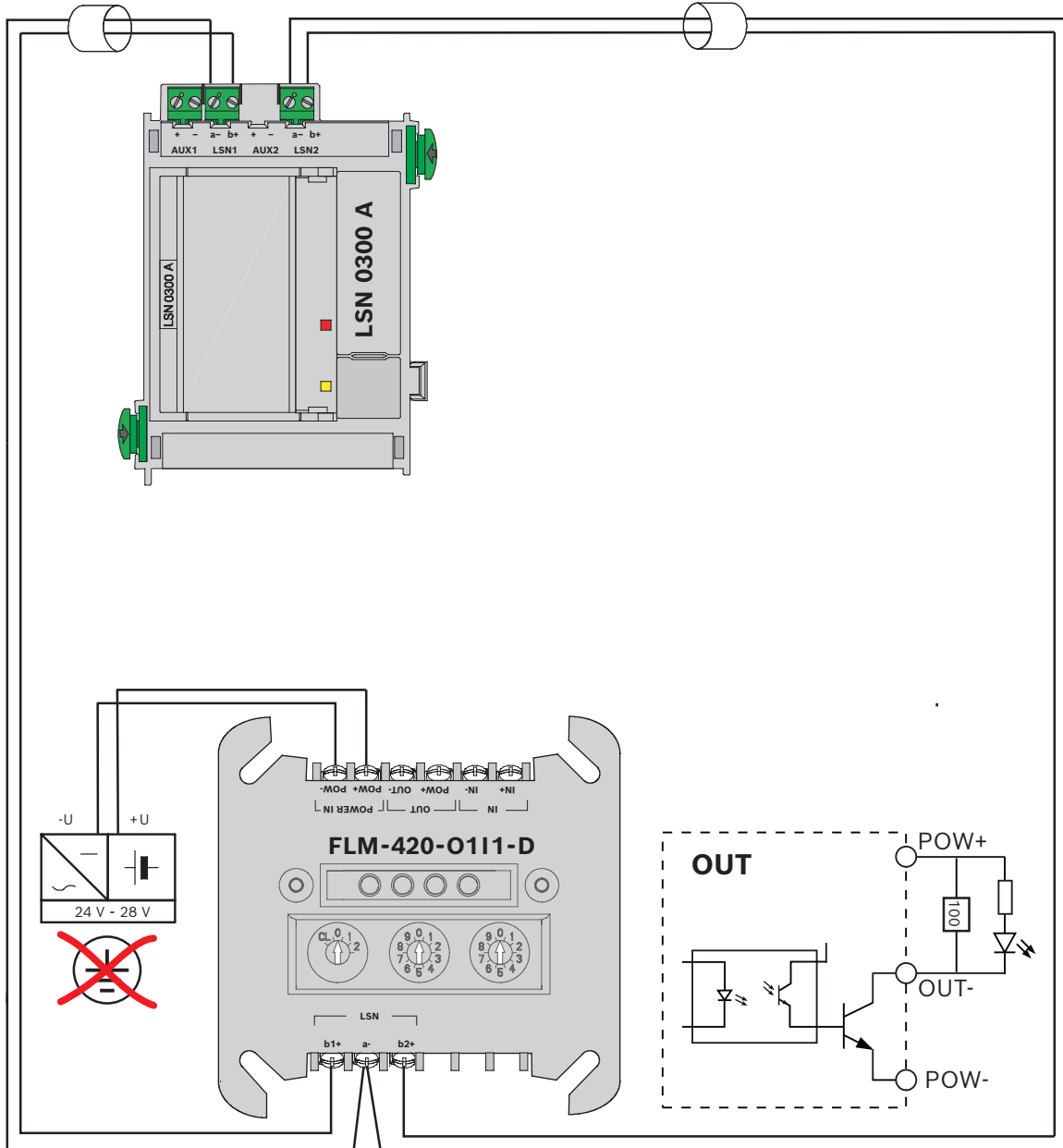
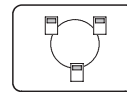


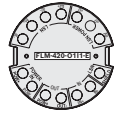
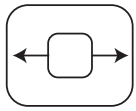
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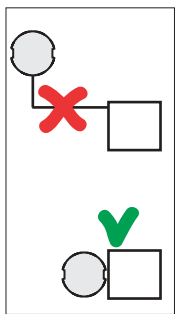
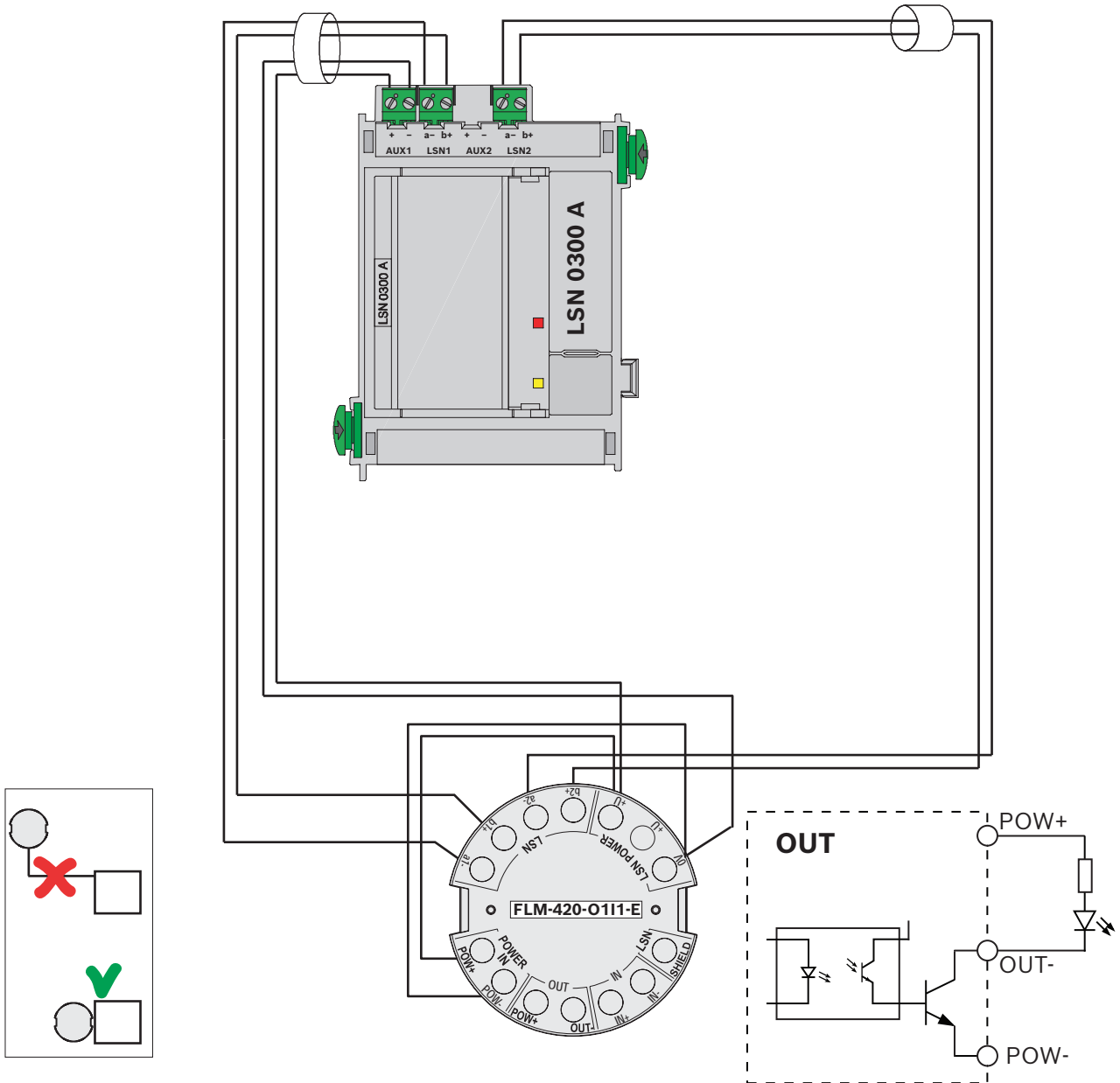
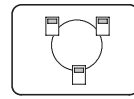


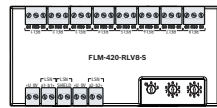
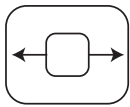
FLM-420-O111-D



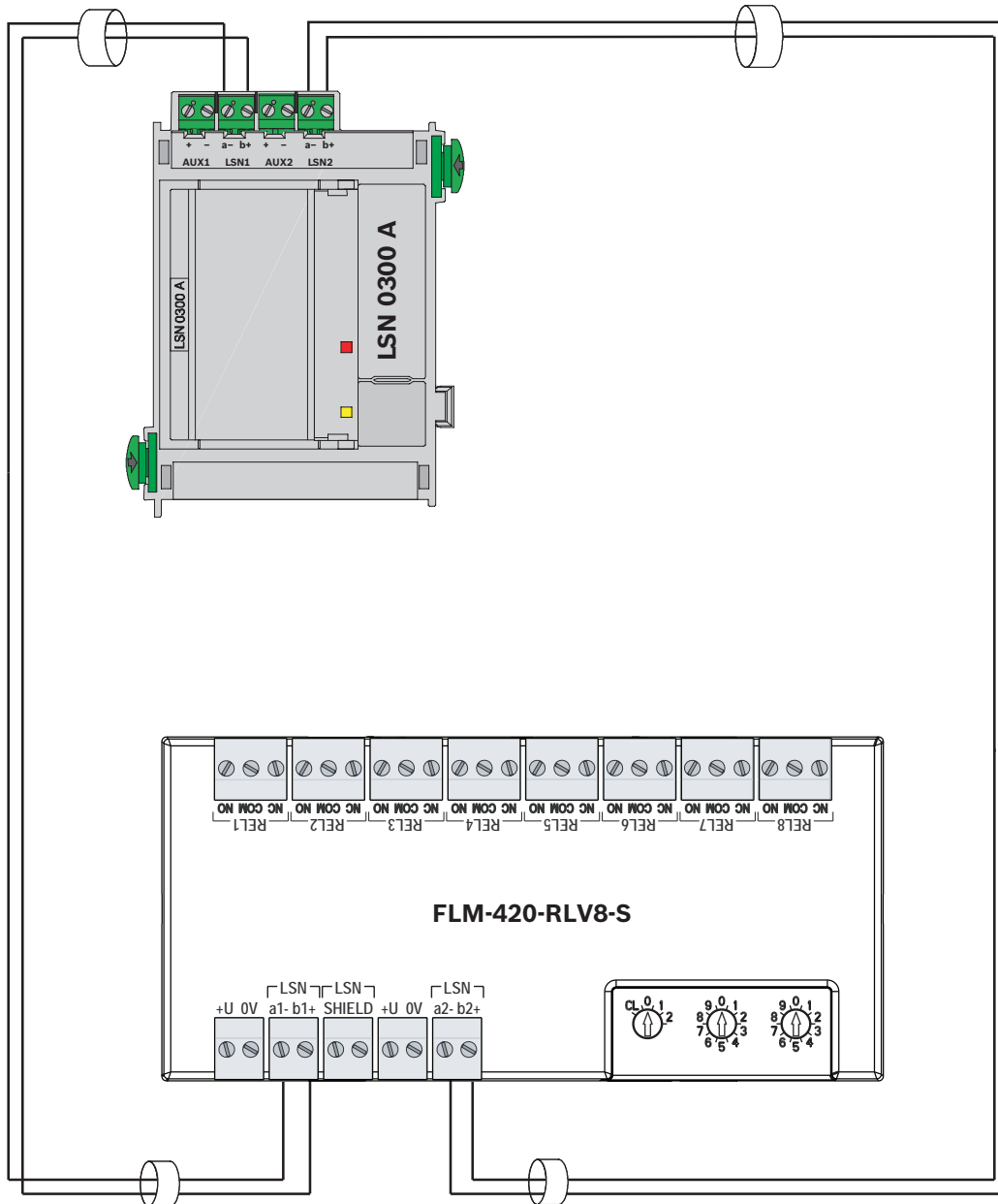
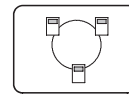


FLM-420-O111-E



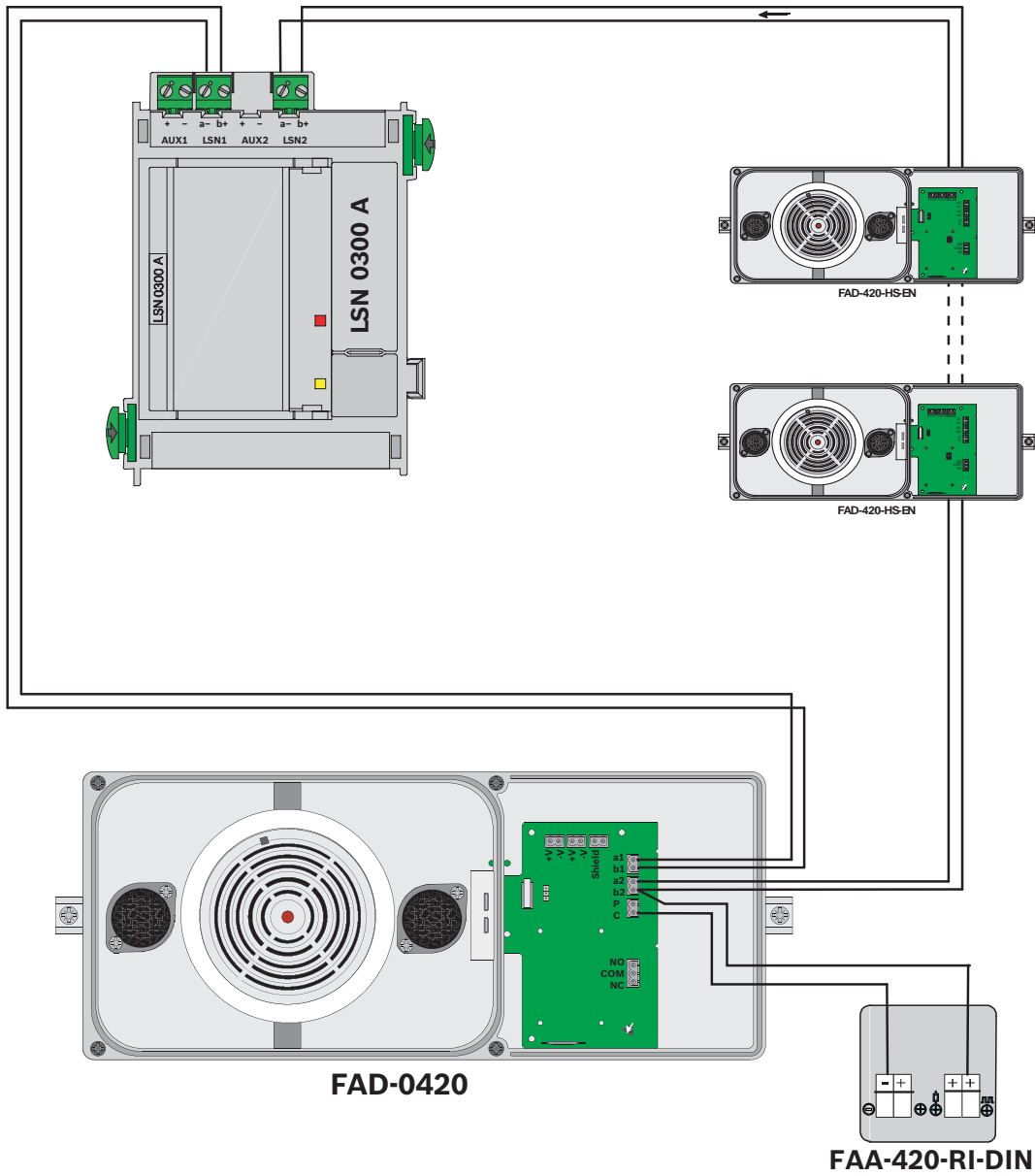


FLM-420-RLV8-S



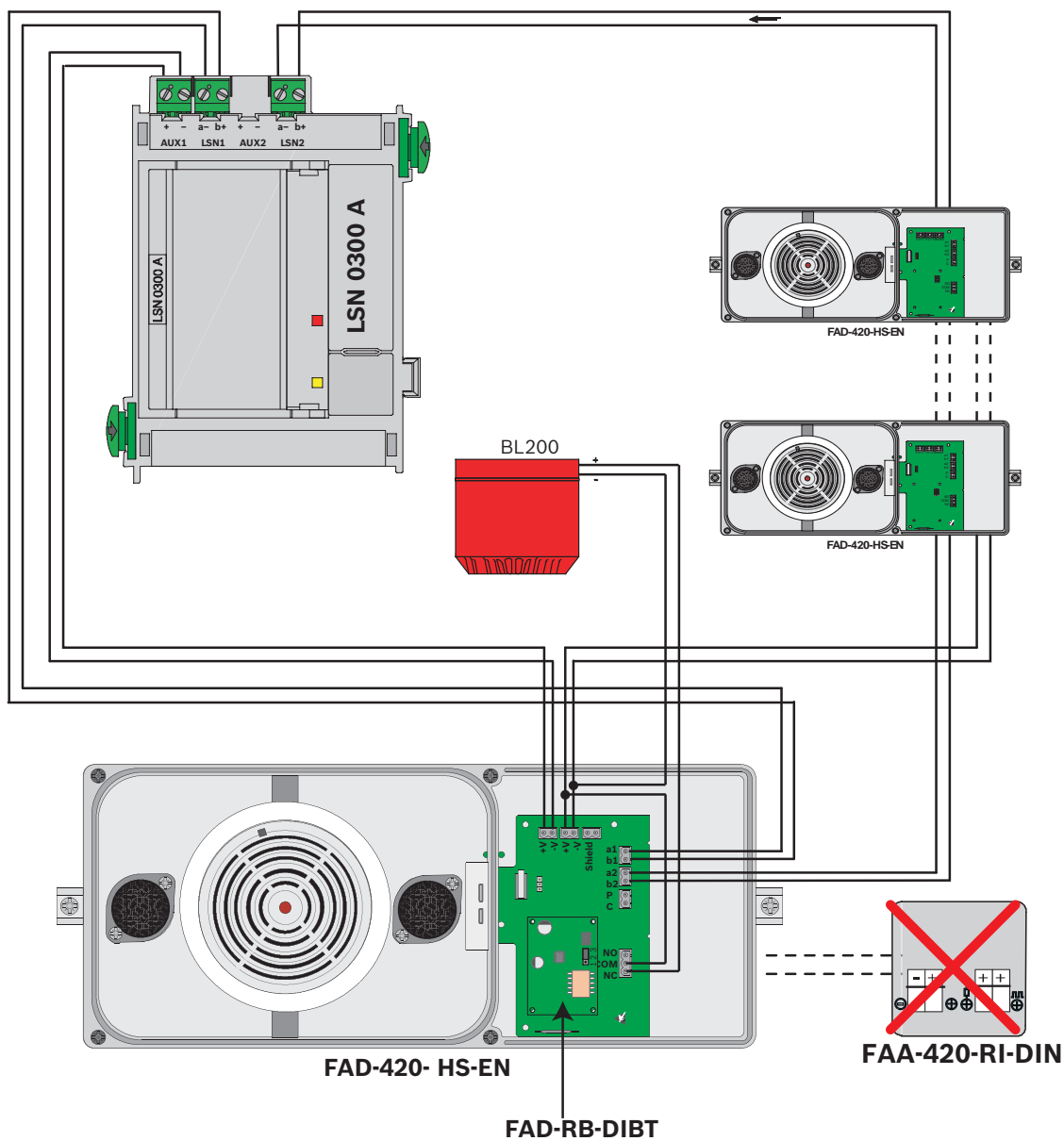


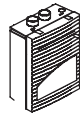
FAD-0420



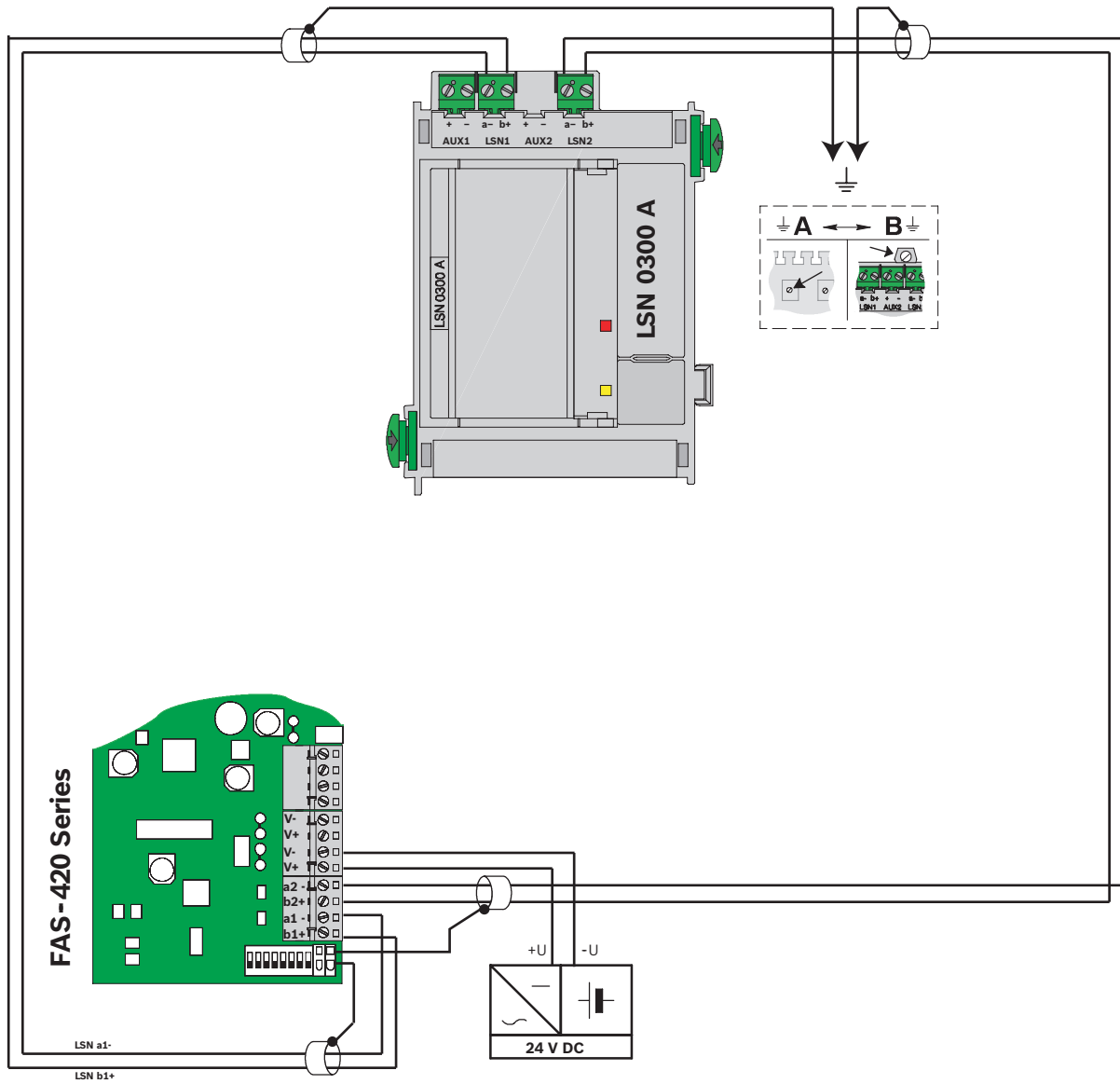


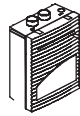
FAD-420-HS-EN



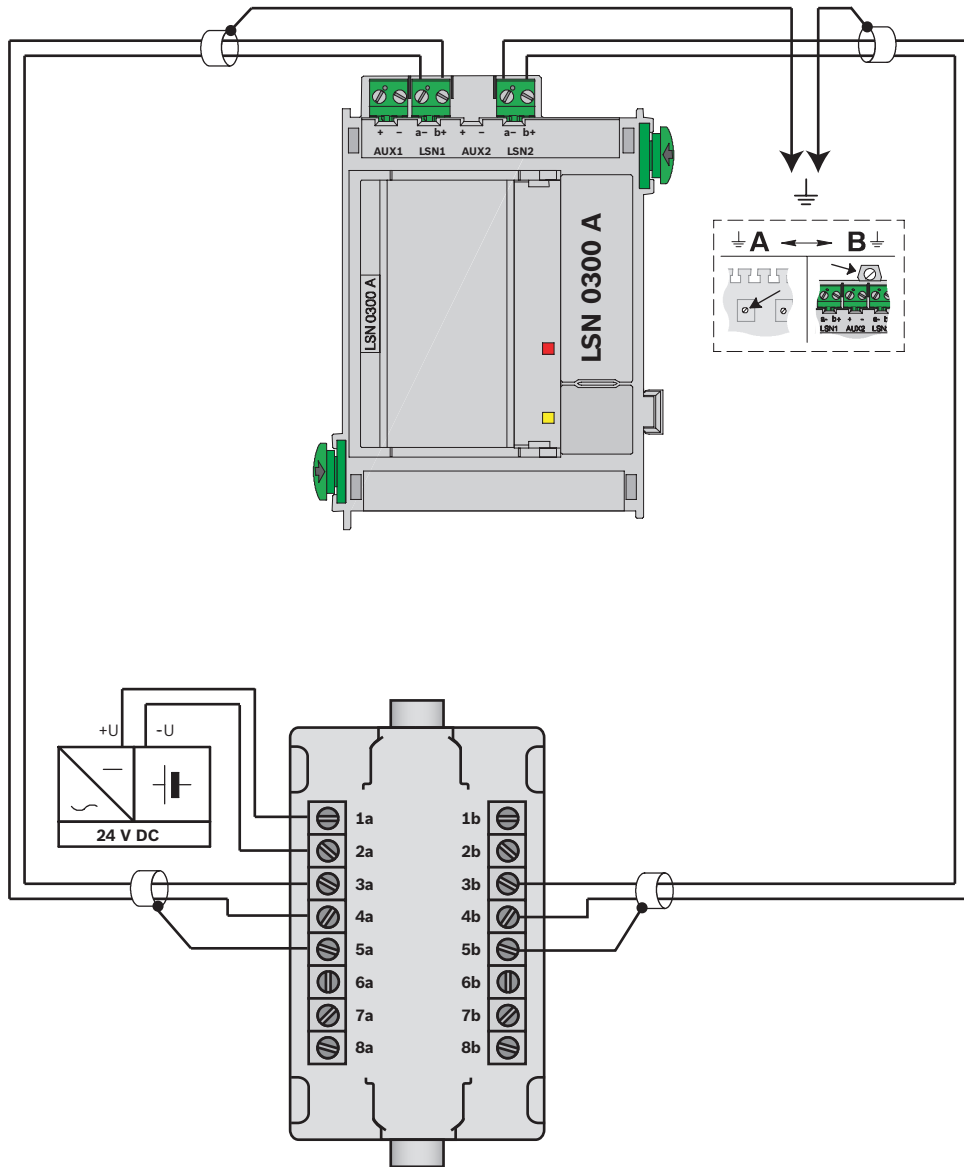


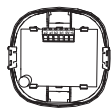
FAS-420 Series



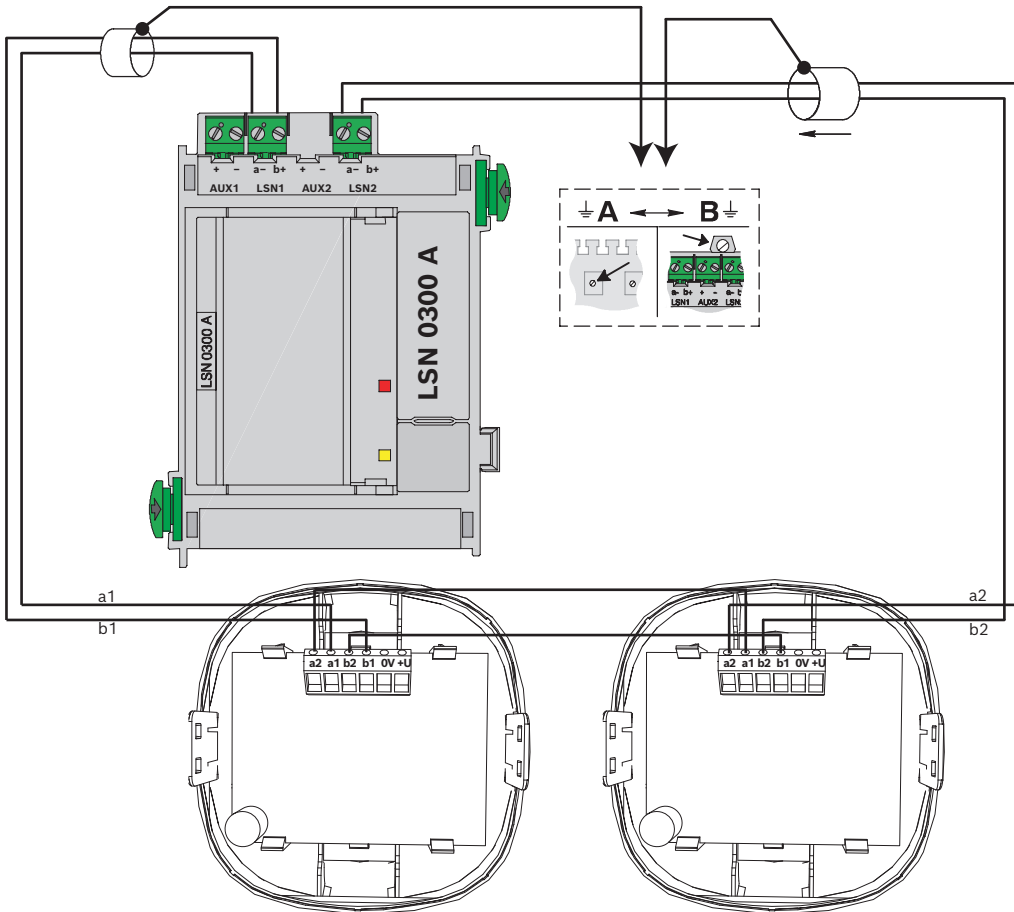
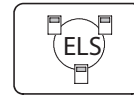


FAS-420-TM Series





FNM-420-A / -B
FNM-420U-A / -B
FNM-420V-A

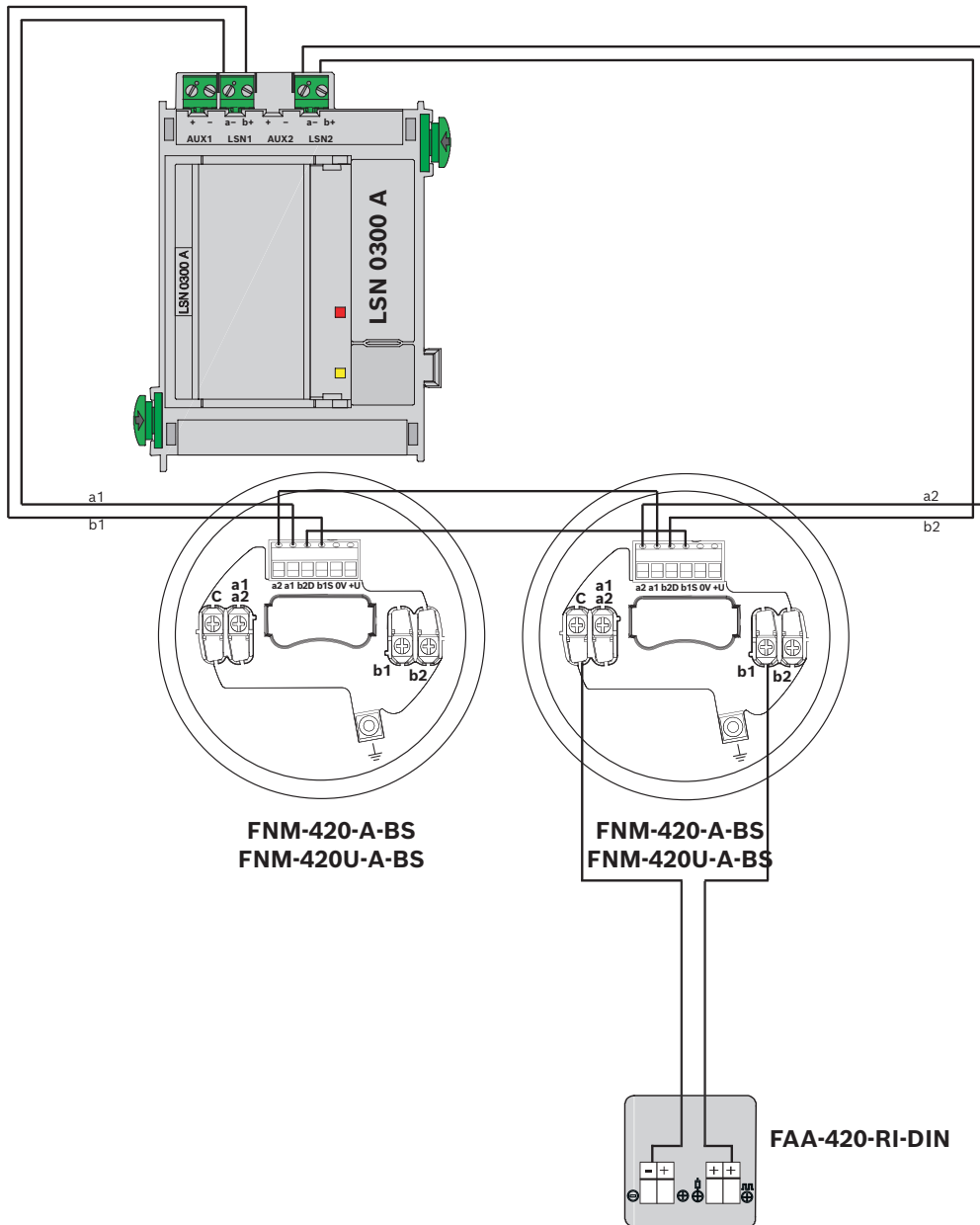
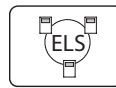


FNM-420-A/-B
FNM-420U-A/-B
FNM-420V-A

FNM-420-A/-B
FNM-420U-A/B
FNM-420V-A



FNM-420-A-BS
FNM-420U-A-BS



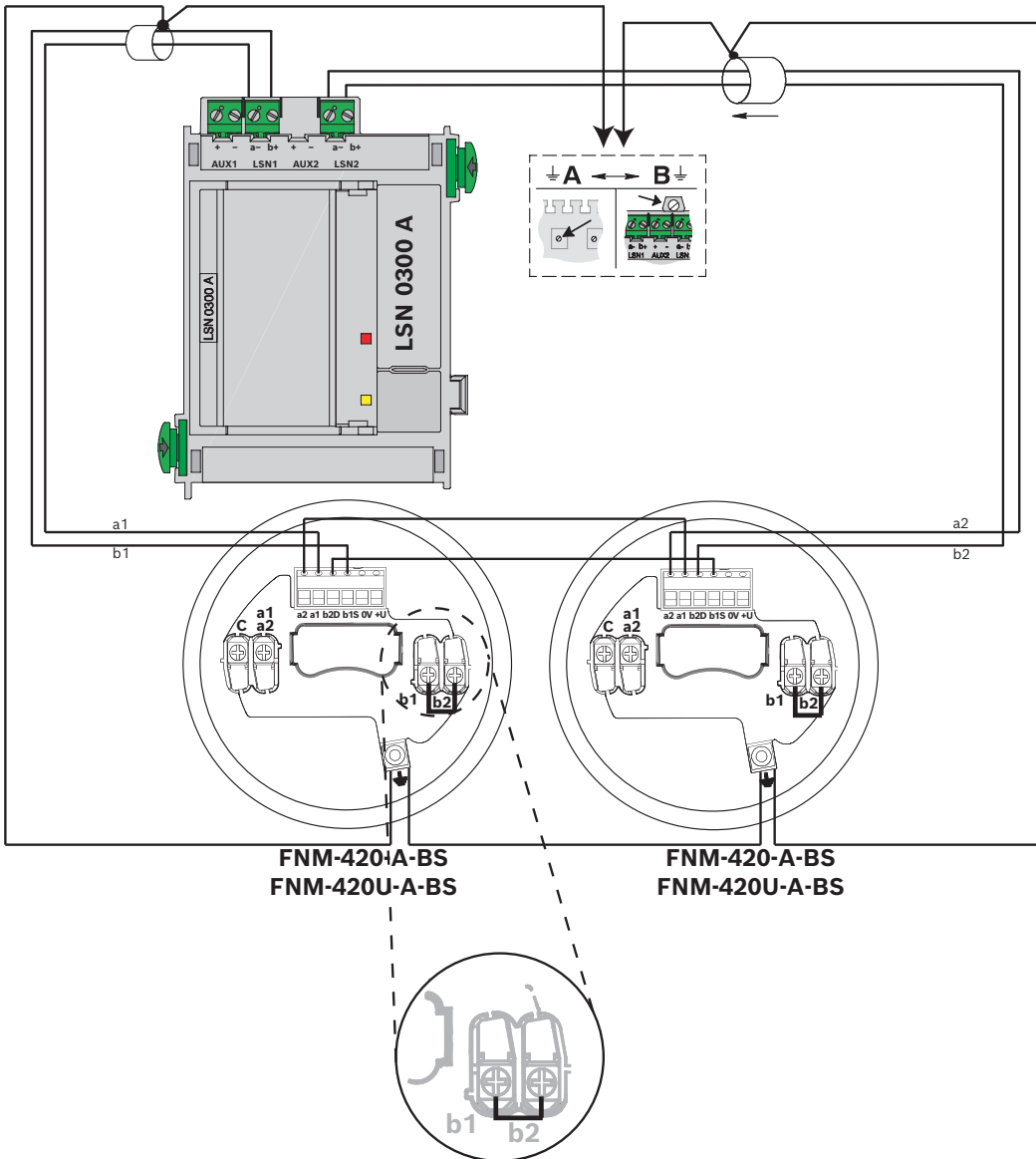
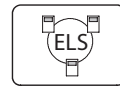
FNM-420-A-BS
FNM-420U-A-BS

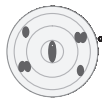
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FNM-420U-A-BS

FAA-420-RI-DIN

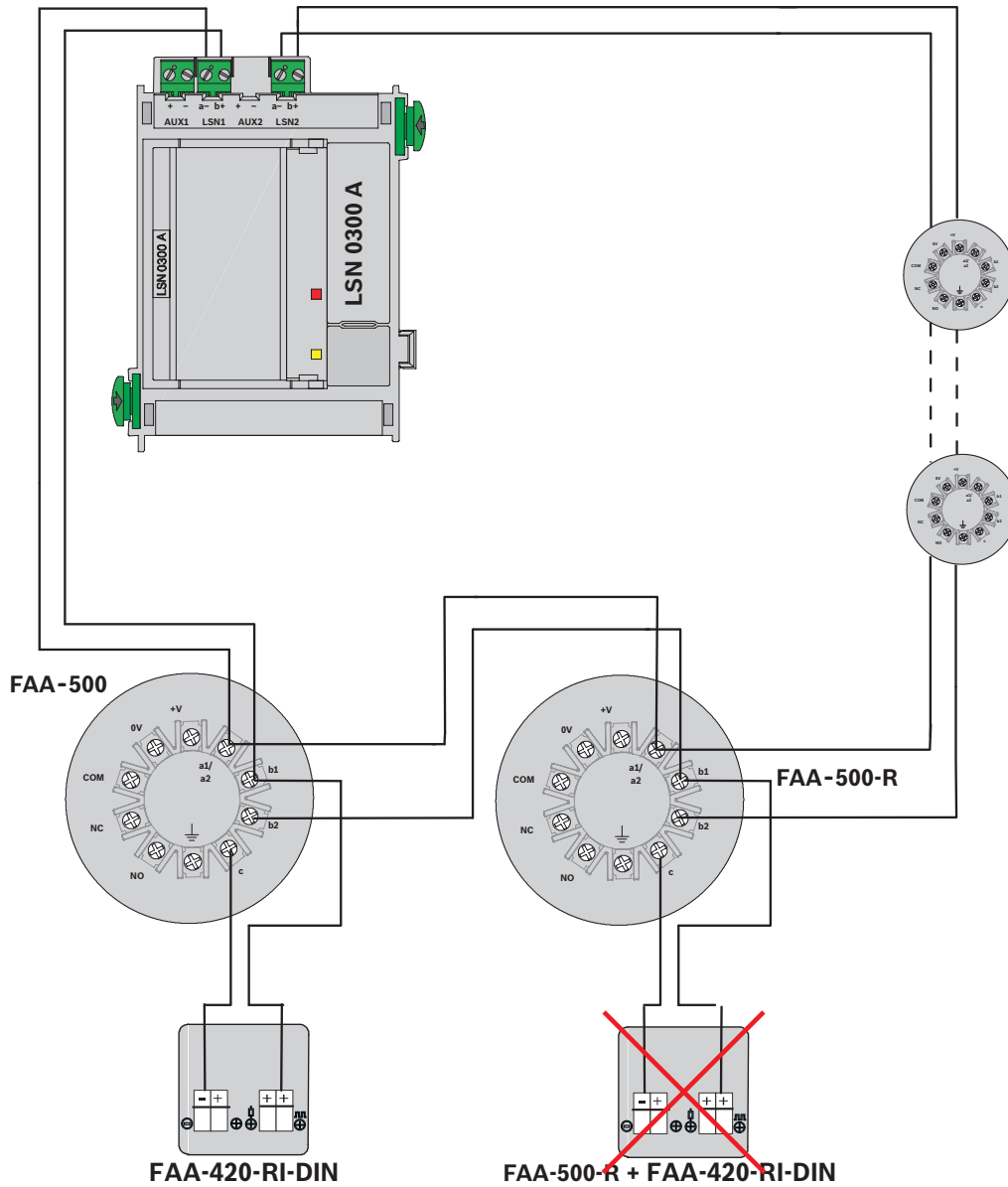
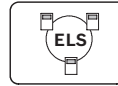


FNM-420-A-BS
FNM-420U-A-BS



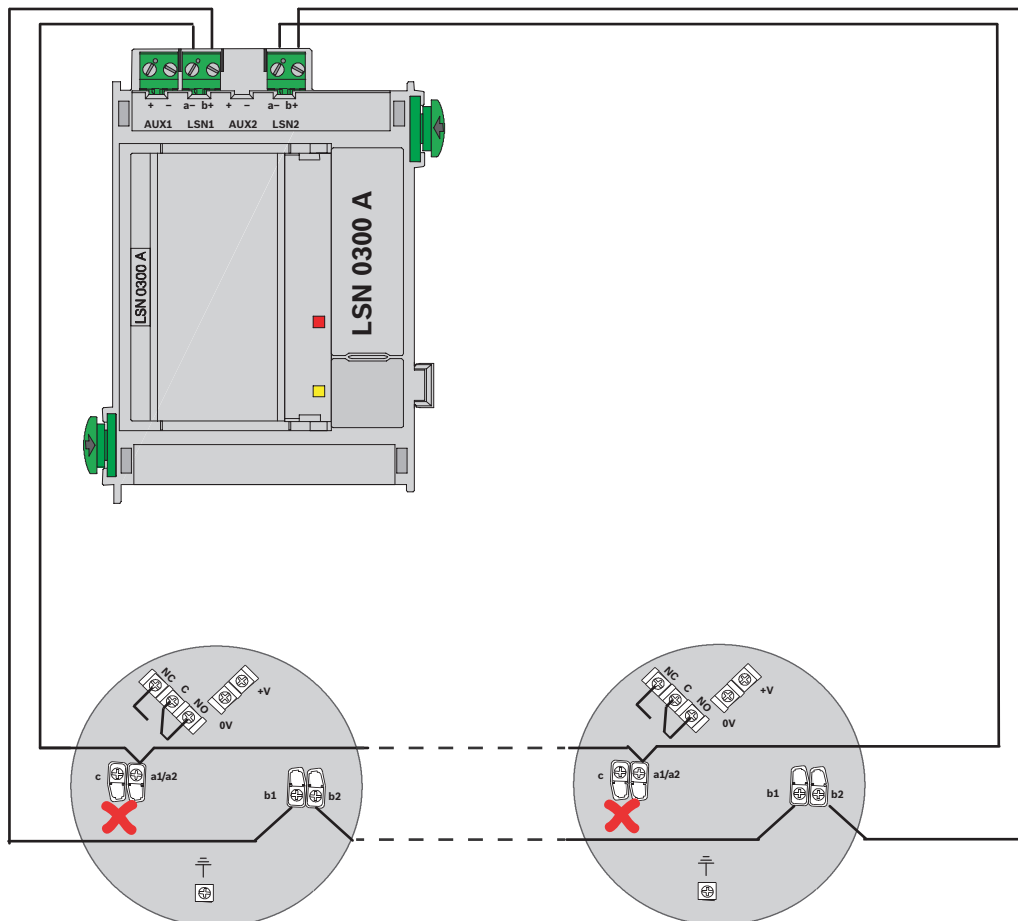
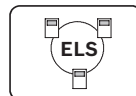


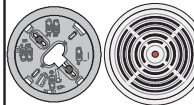
FAP-0520
FAP-0520-P
FAP-OC520
FAP-OC-520-P



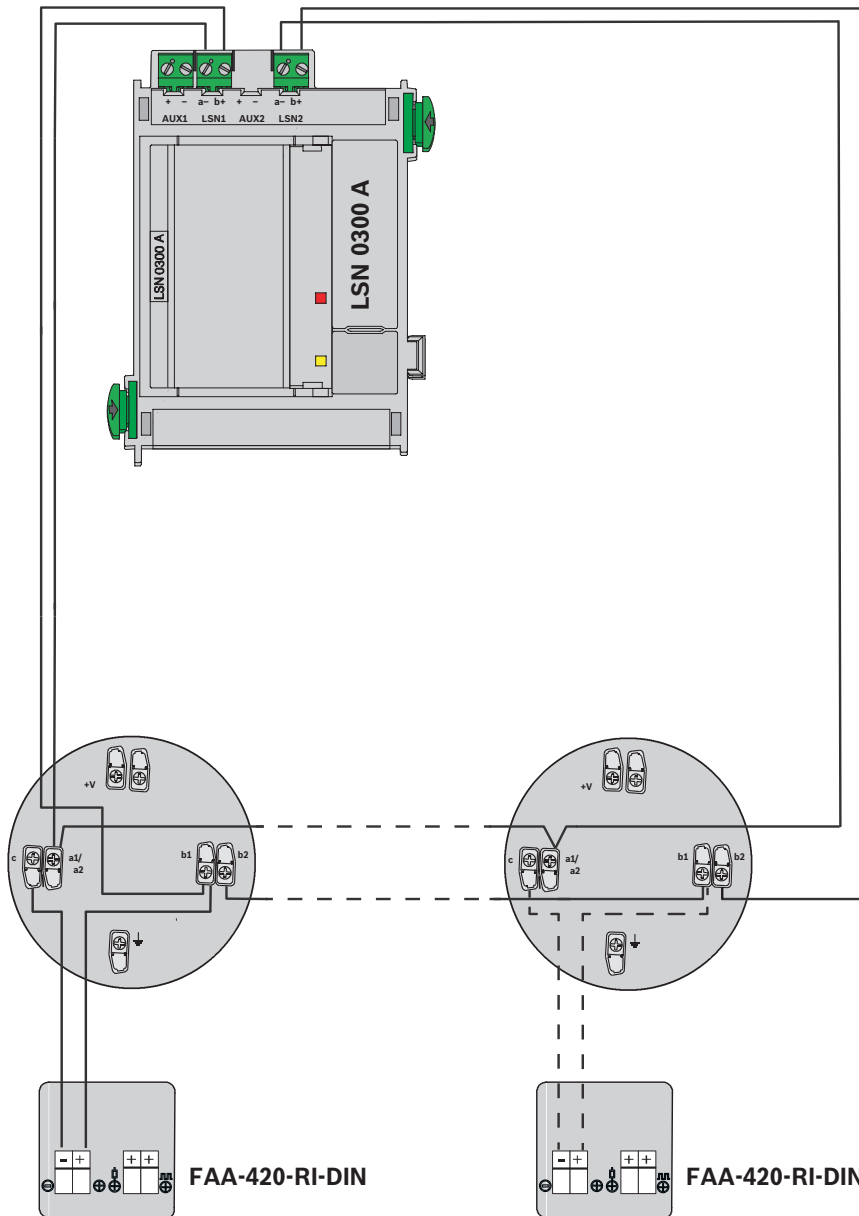
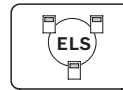


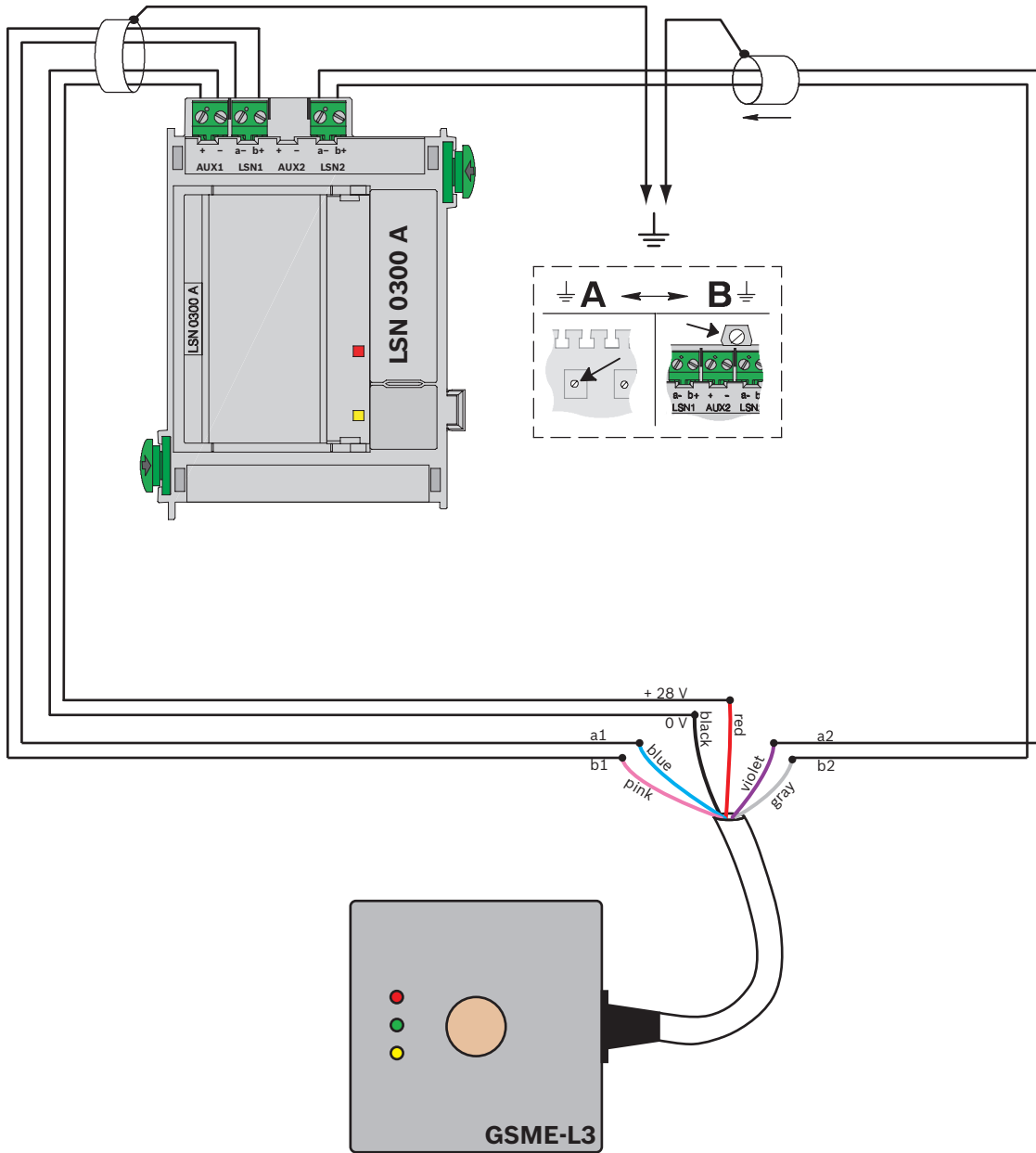
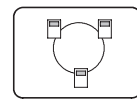
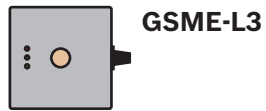
FAA-MSR-420
FAP-425-O, FAP-425-O-R
FAP-425-OT, FAP-425-OT-R
FAP-425-T-R
FAP-425-DO-R, FAP-425-DOT-R
FAP-425-DOTC-R, FAP-425-DOTCO-R

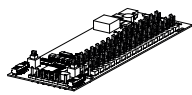




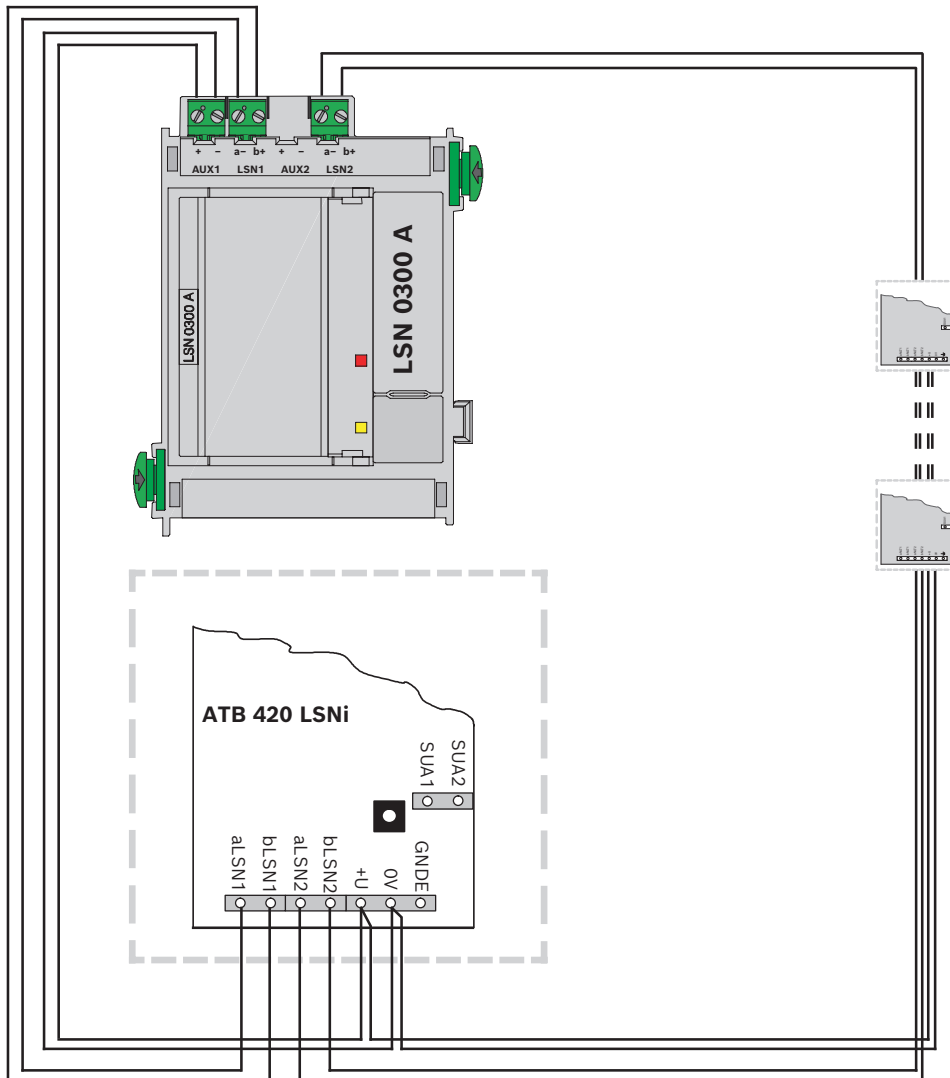
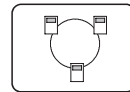
MS 400, MS 400 B
 FAP-425-O, FAP-425-O-R
 FAP-425-OT, FAP-425-OT-R
 FAP-425-T-R
 FAP-425-DO-R, FAP-425-DOT-R
 FAP-425-DOTC-R, FAP-425-DOTCO-R





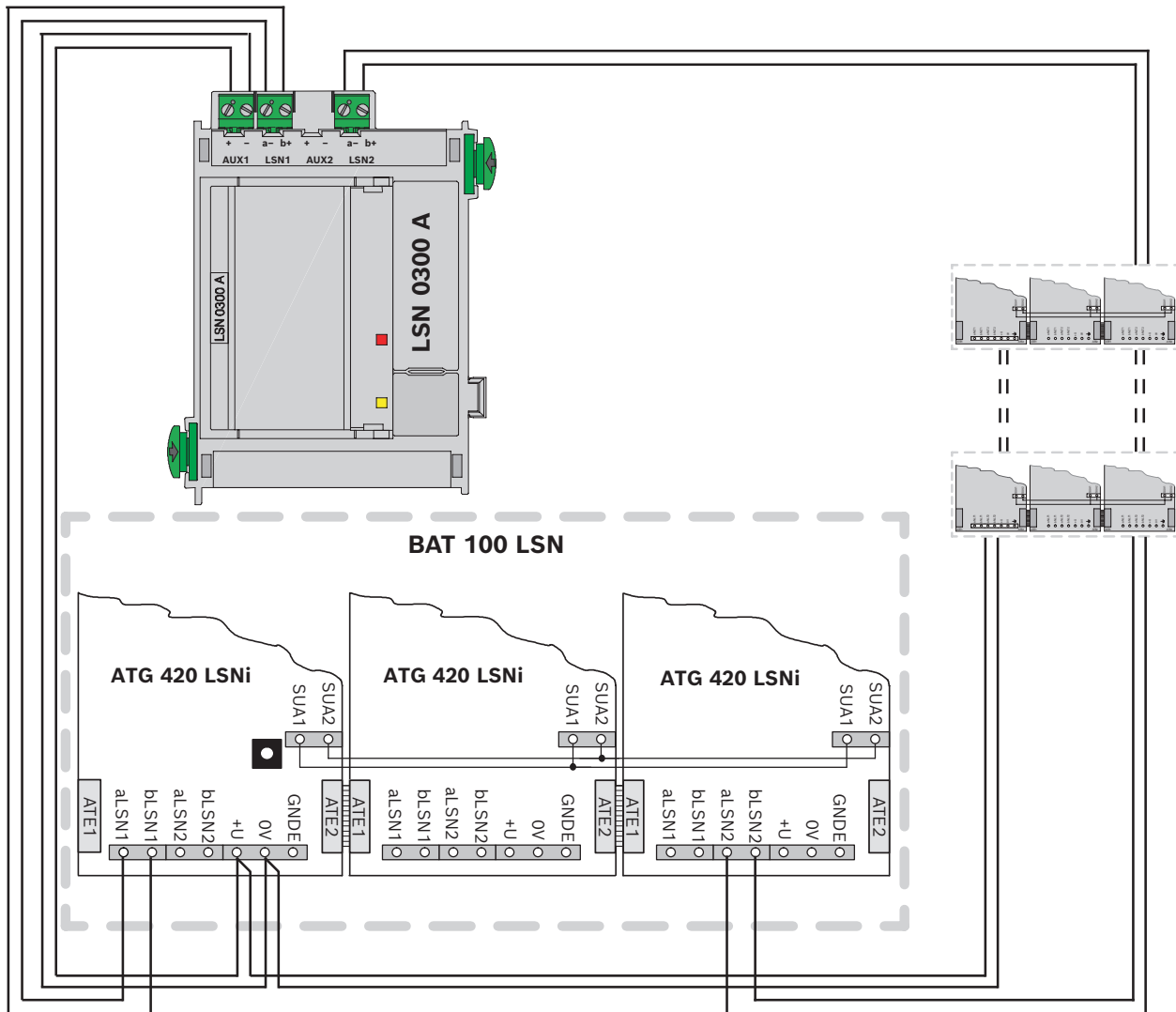
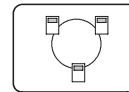


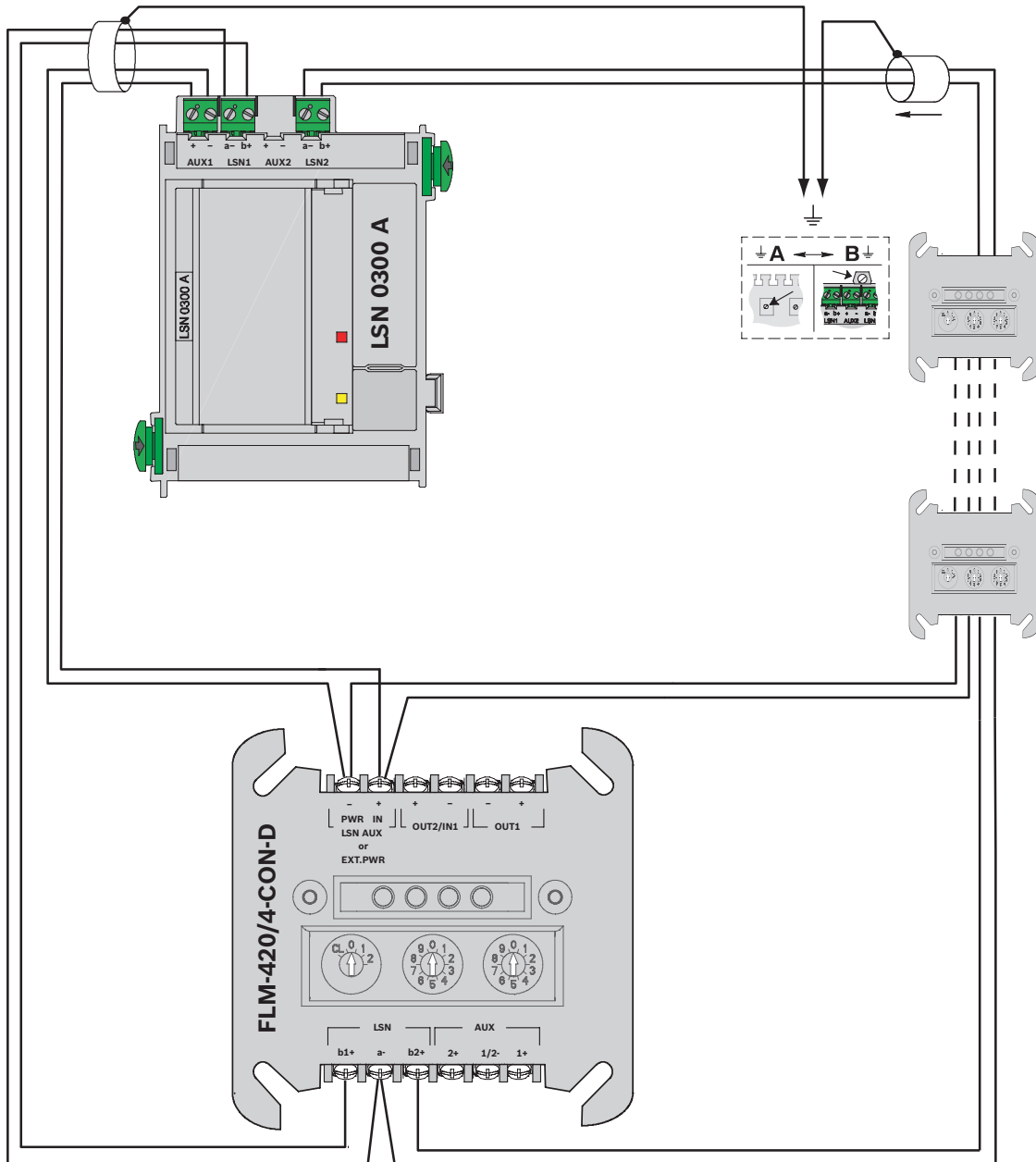
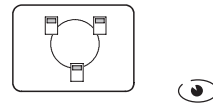
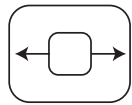
ATB 420 LSNi





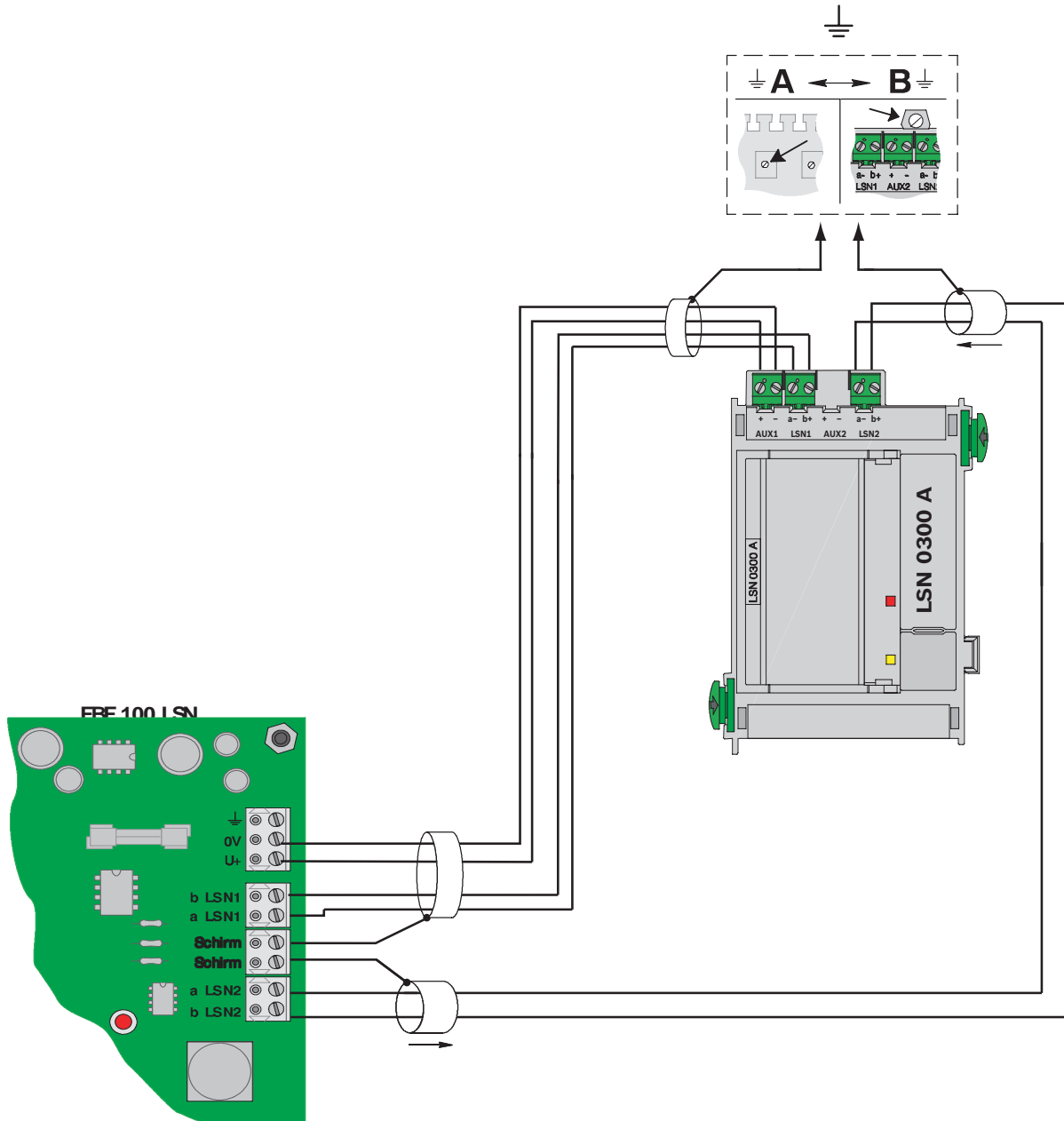
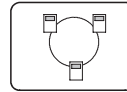
BAT 100 LSN
ATG 420 LSNi

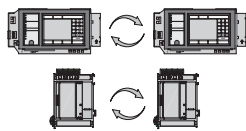




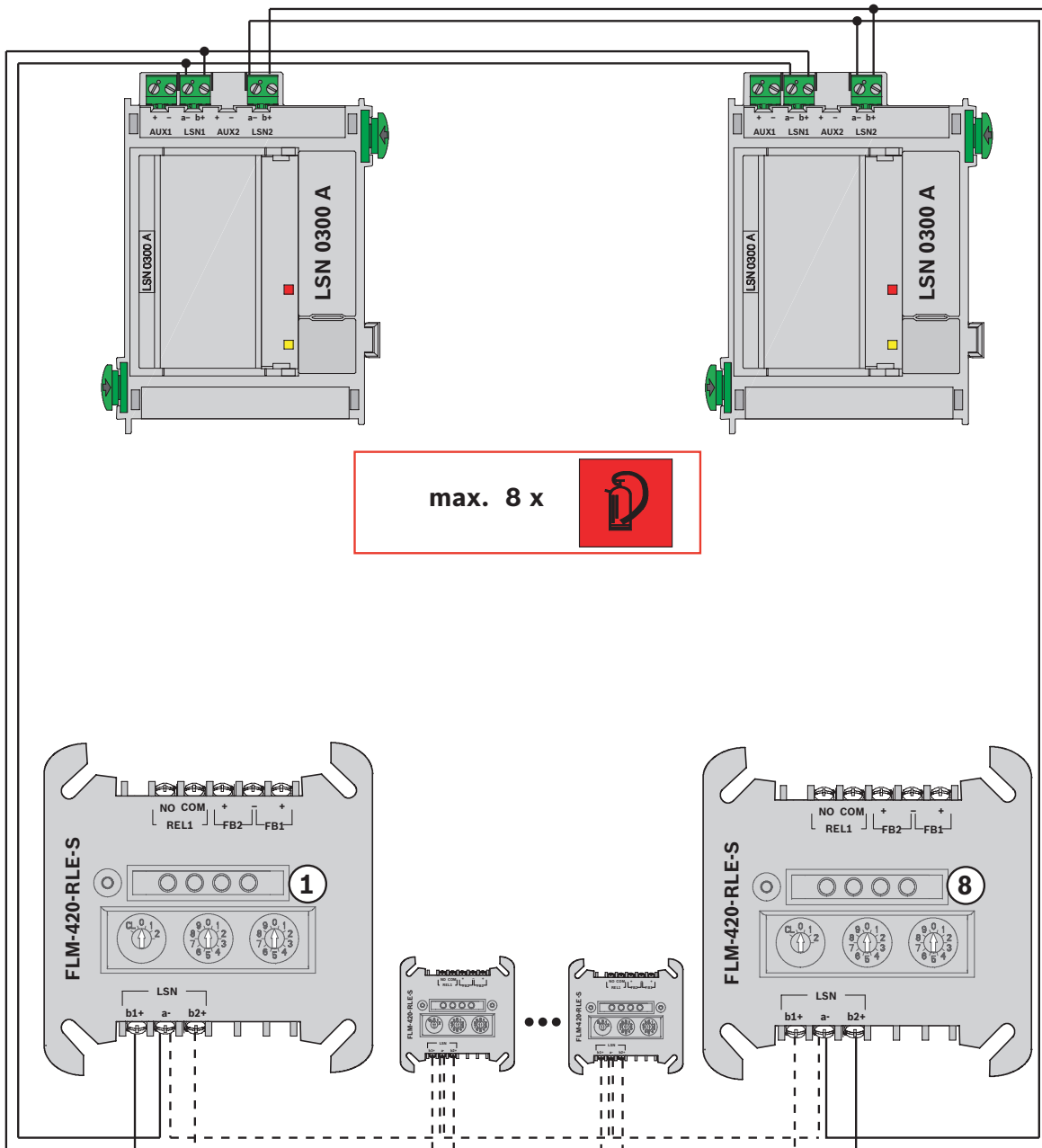
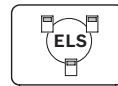


FBF 100 LSN



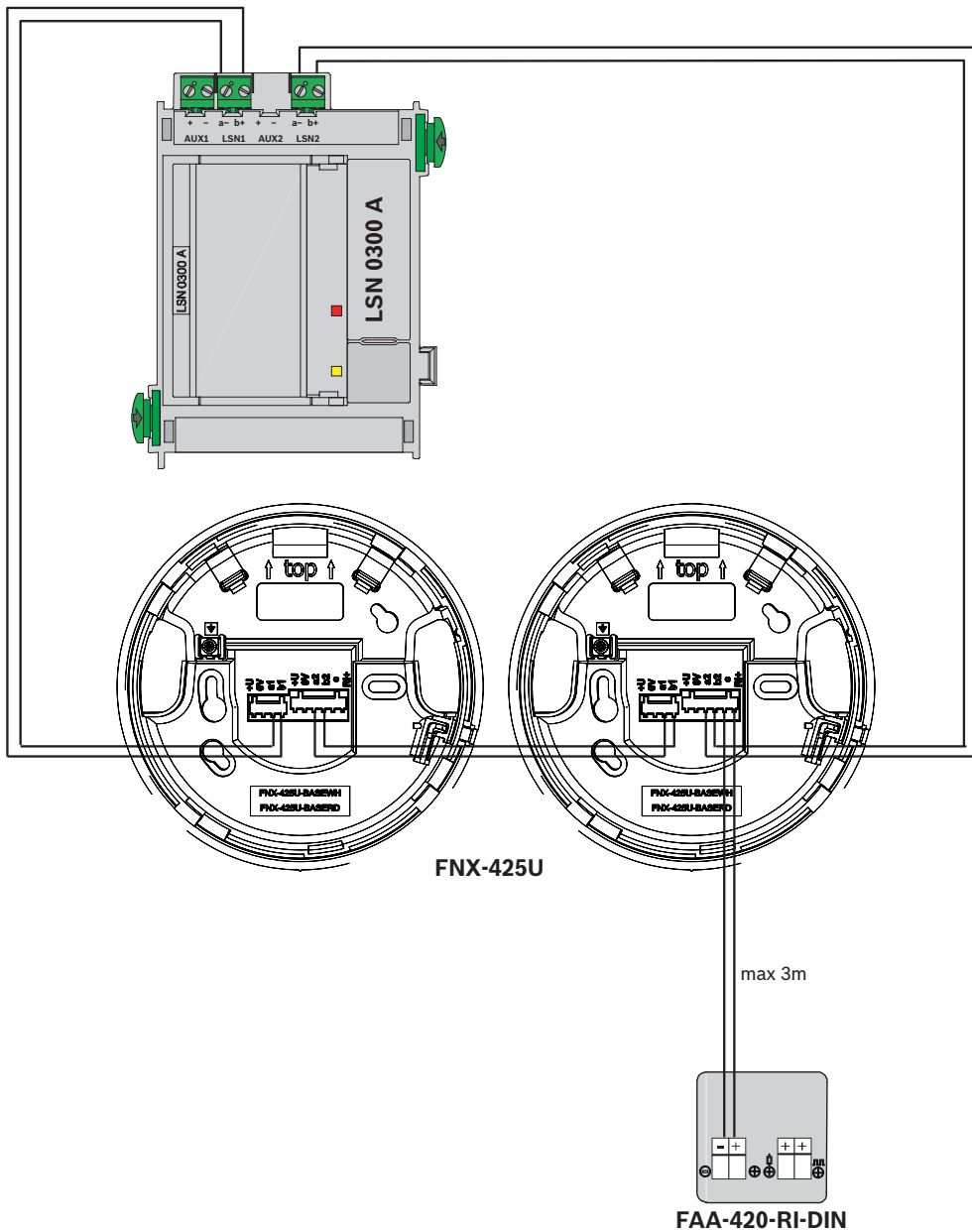
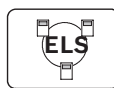


FLM-420-RLE-S





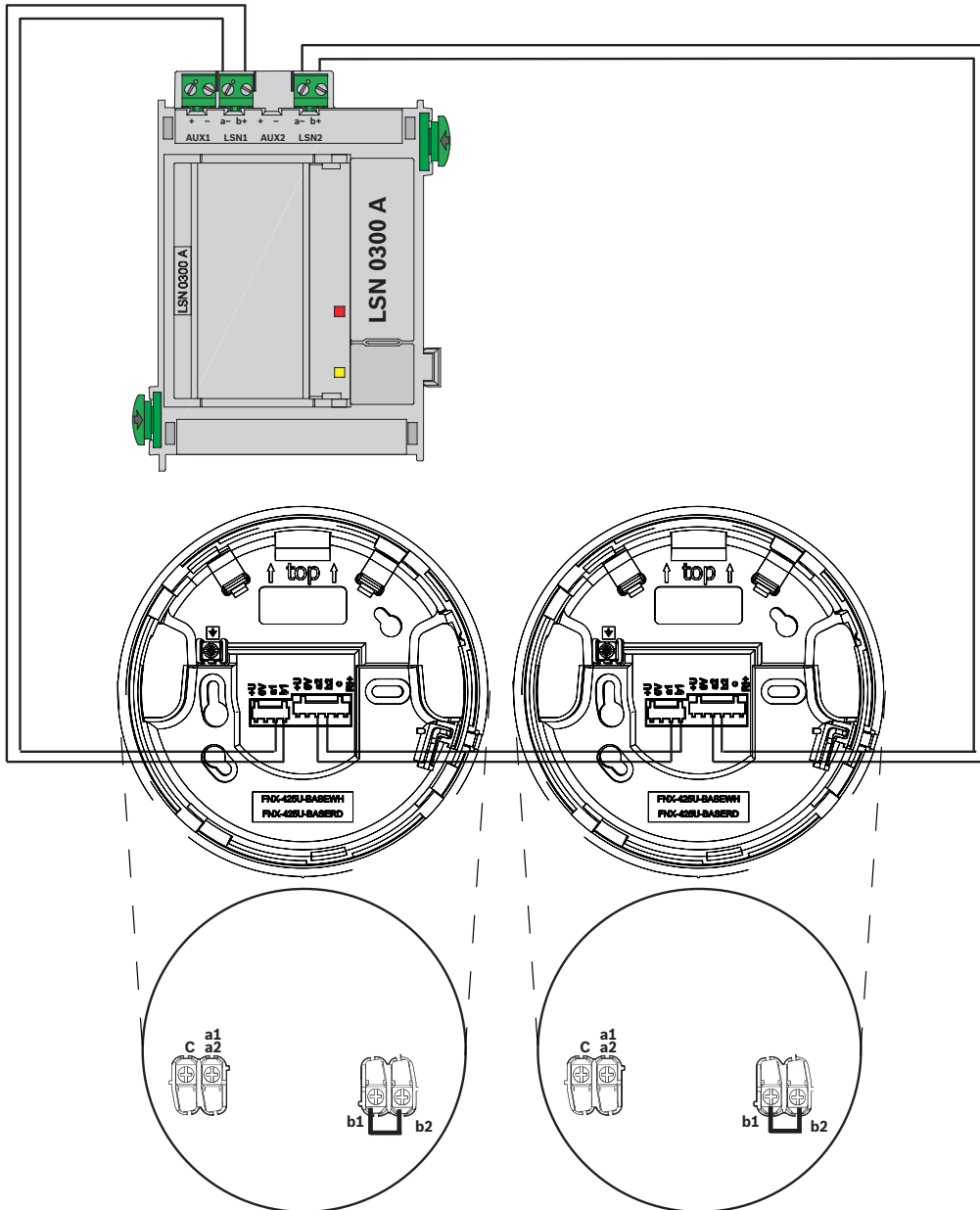
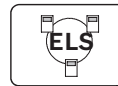
FNX-425U-WFWH
FNX-425U-RFWH
FNX-425U-WFRD
FNX-425U-RFRD

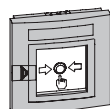
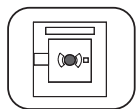




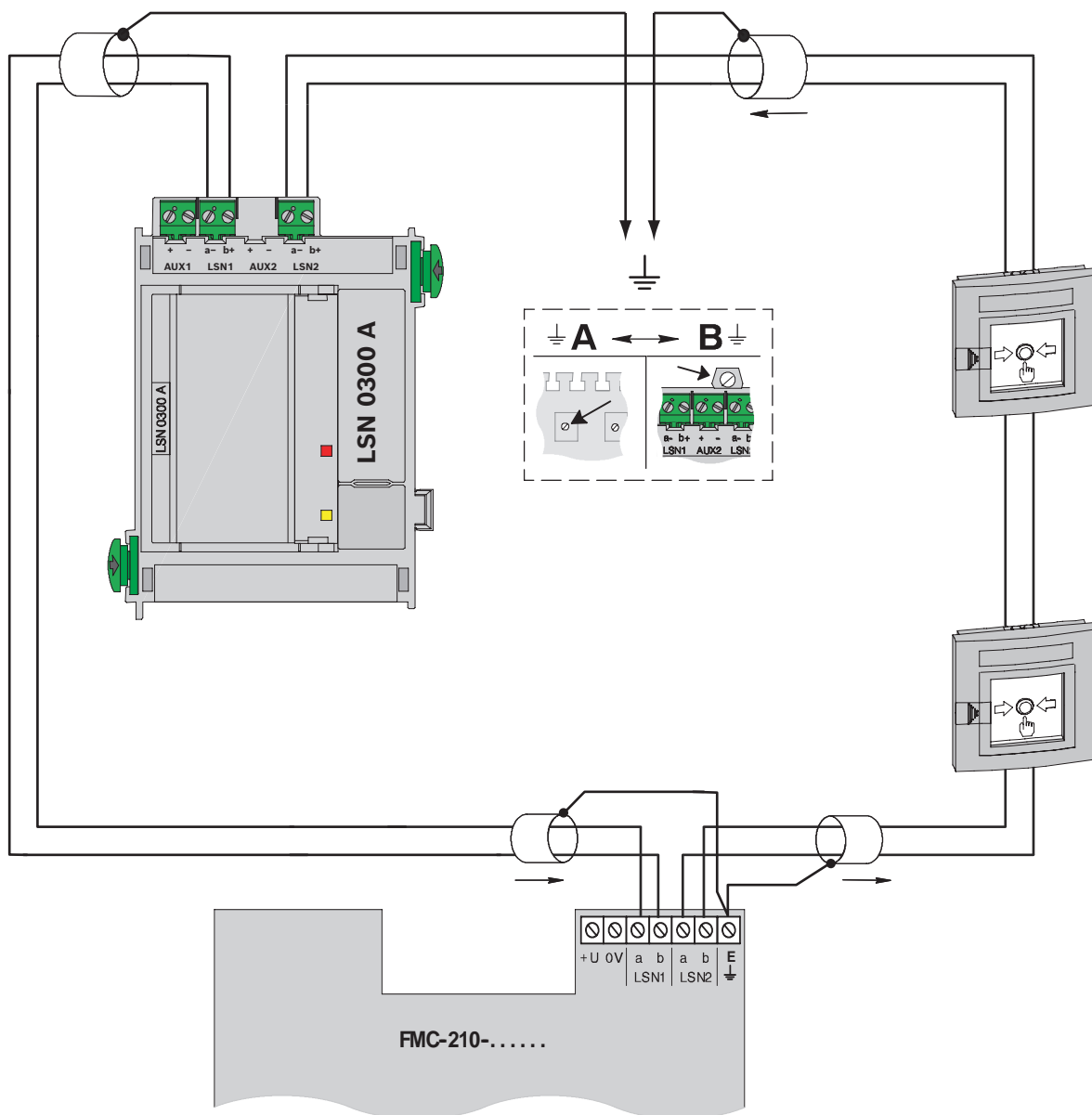
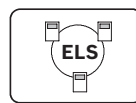
FNX-425U-WFWH
 FNX-425U-RFWH
 FNX-425U-WFRD
 FNX-425U-RFRD

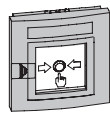
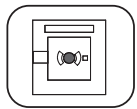
+ FNX-425U-COVWH
 FNX-425U-COVRD



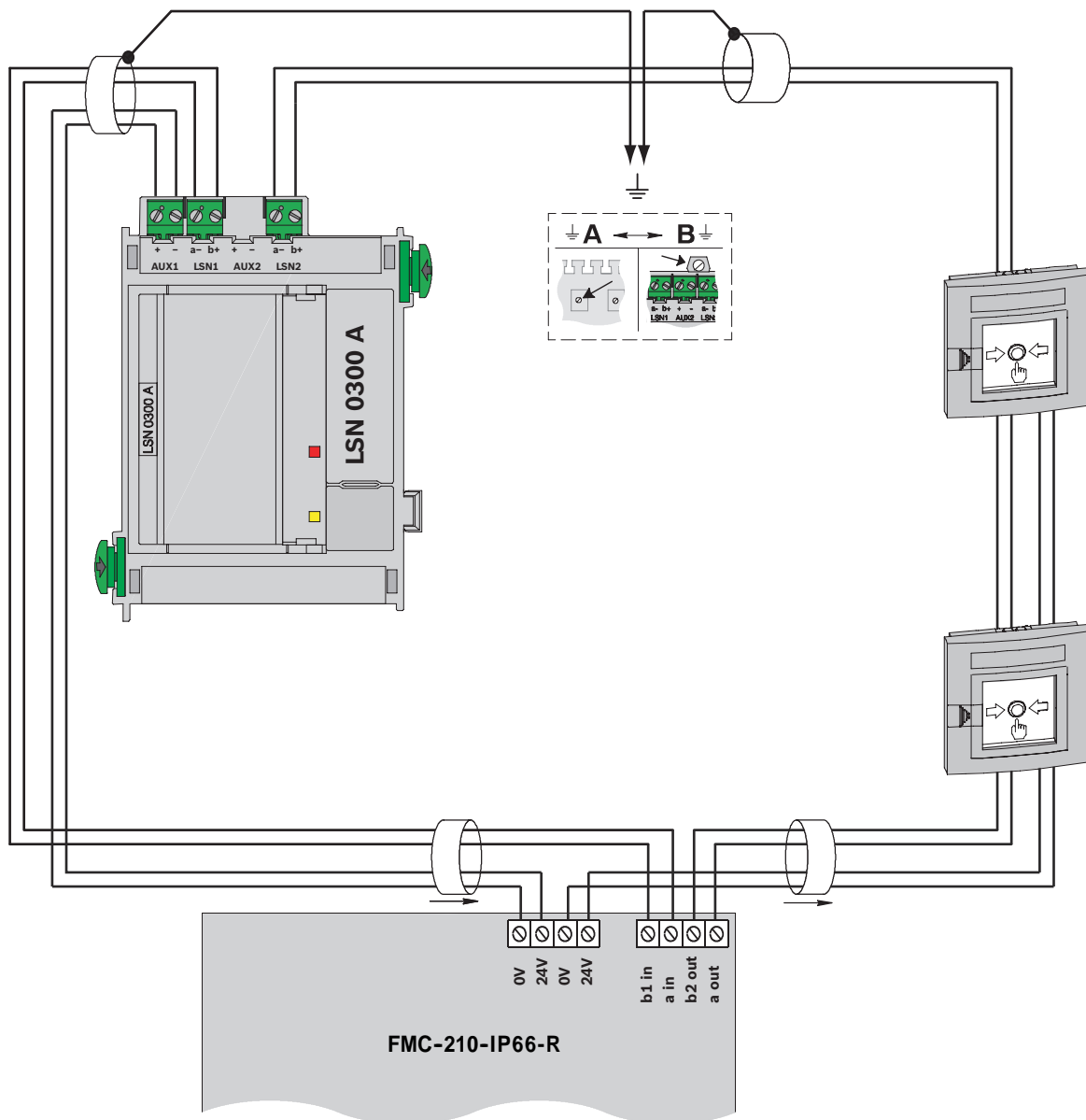
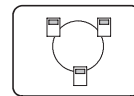


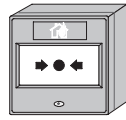
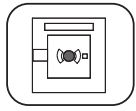
FMC-210...



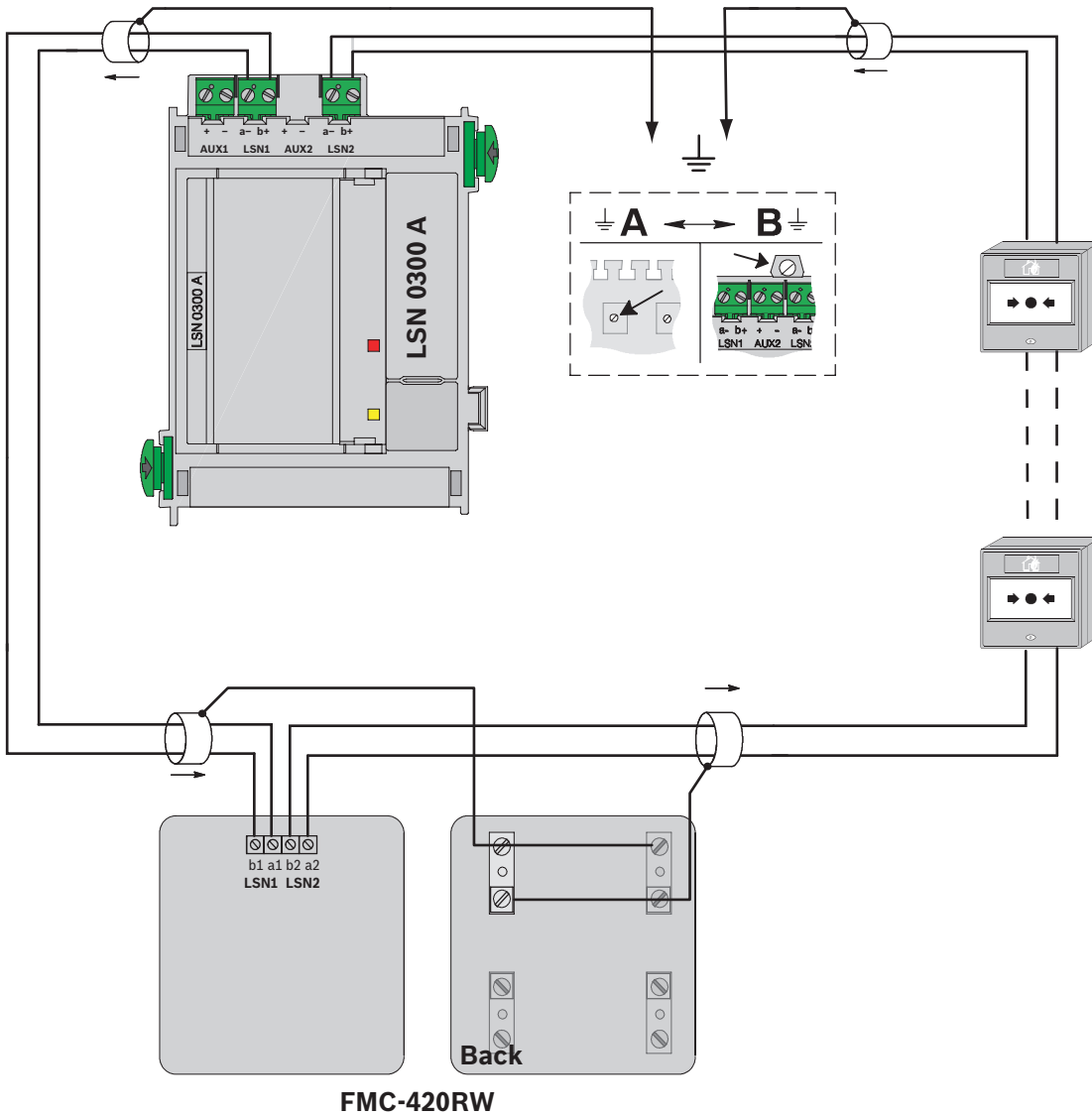
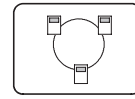


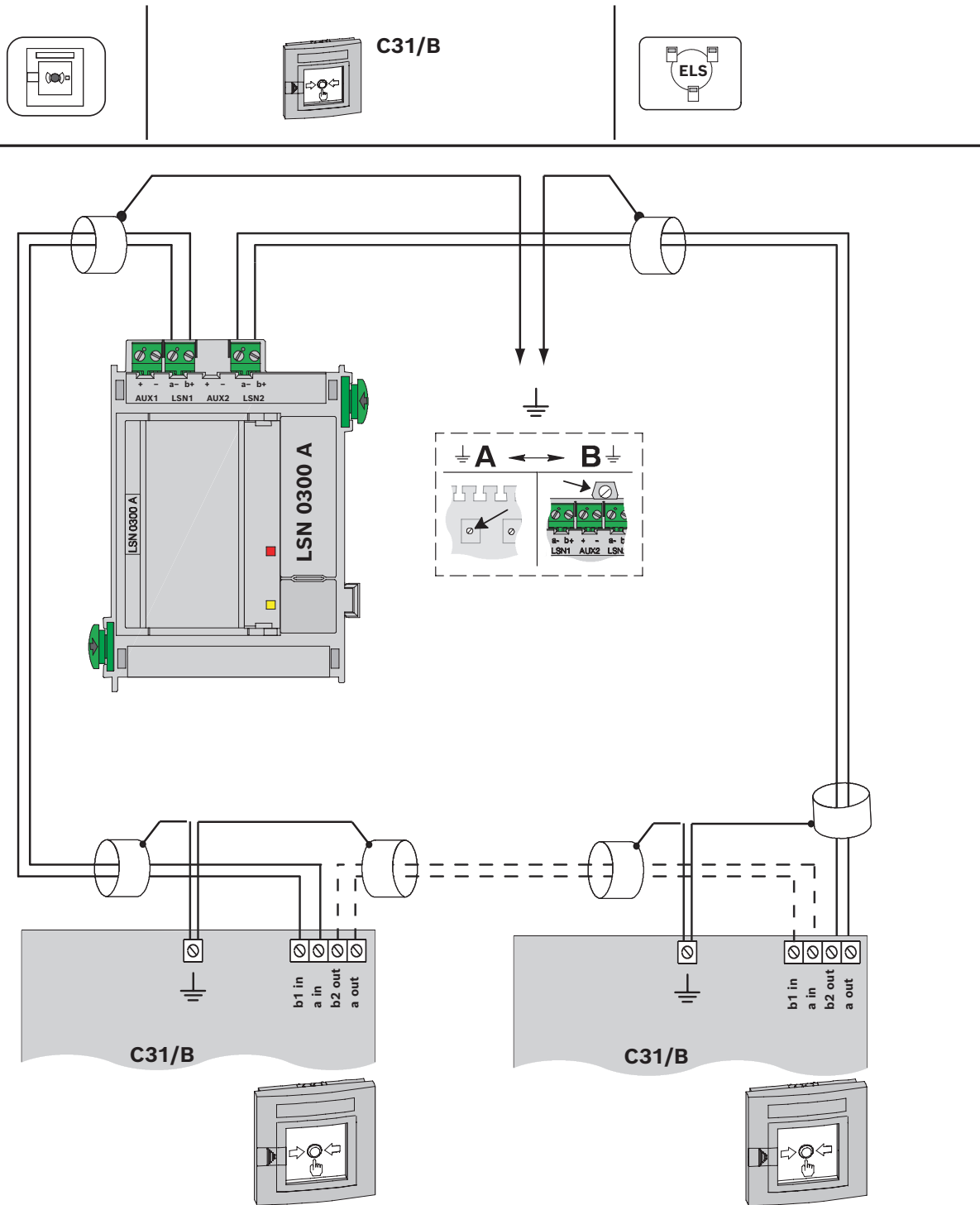
FMC-210-IP66-R

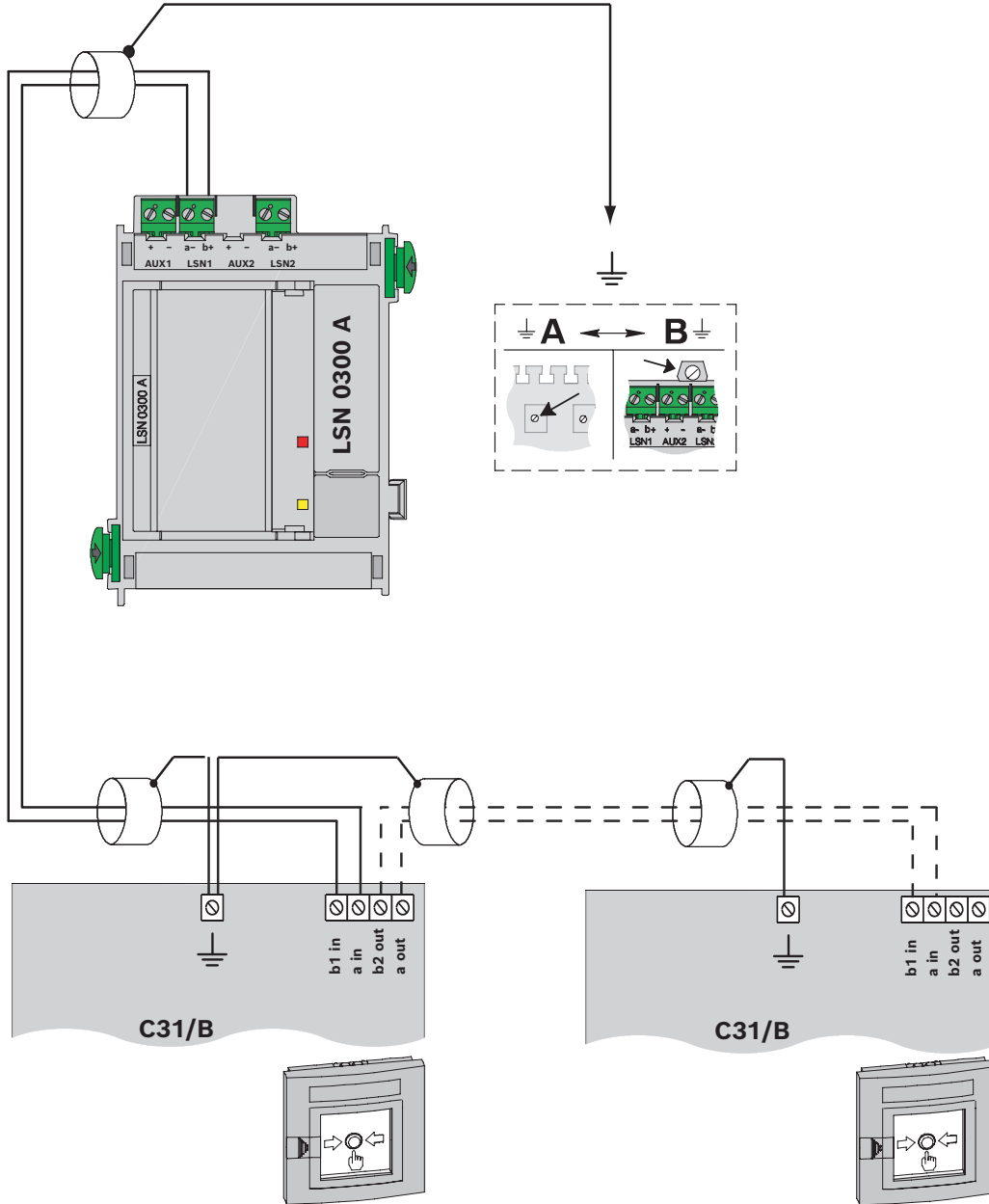
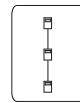
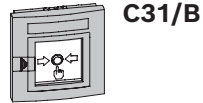
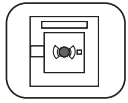


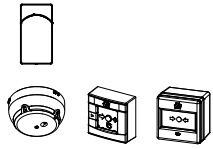


FMC-420RW-HSGRD
 FMC-420RW-HSRRD
 FMC-420RW-GFGRD
 FMC-420RW-GFRRD
 FMC-420RW-GSGRD
 FMC-420RW-GSRRD



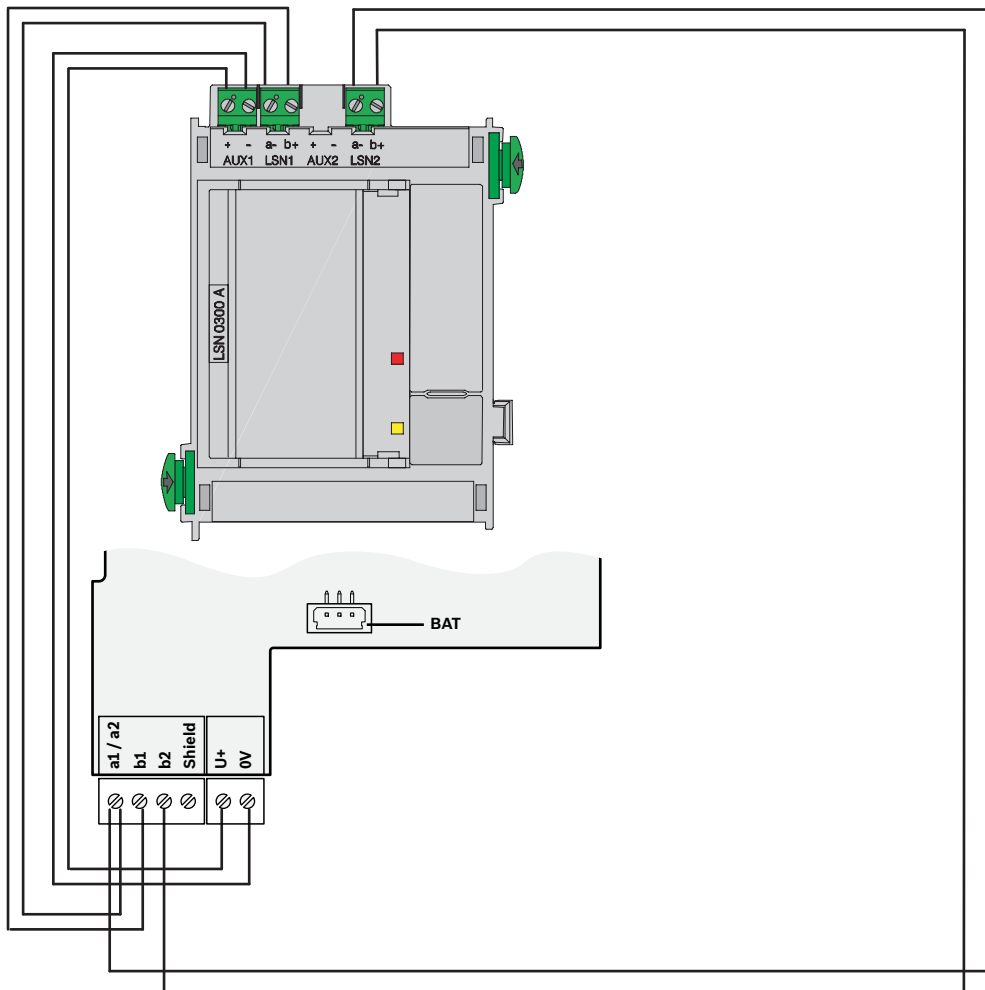
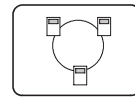






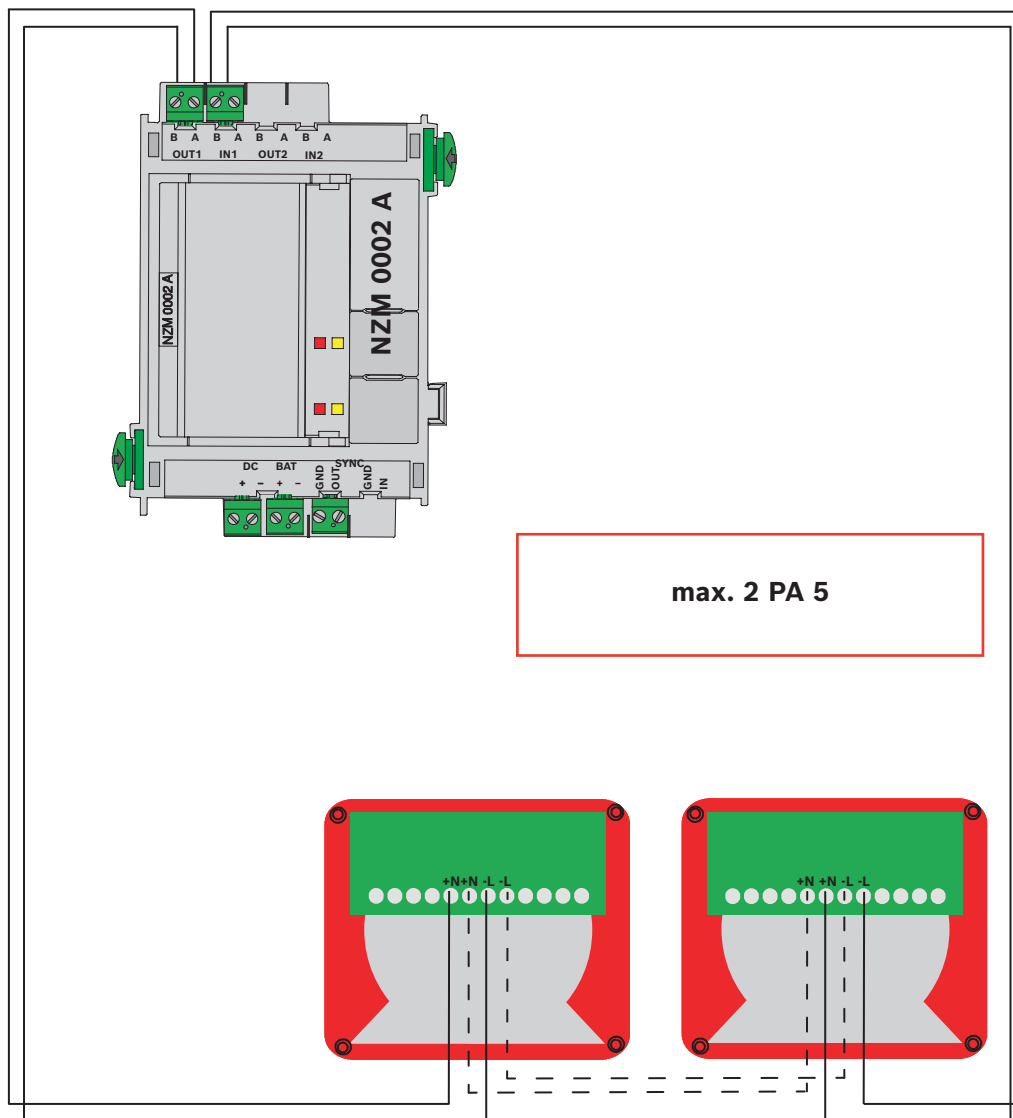
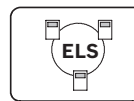
FWI-270

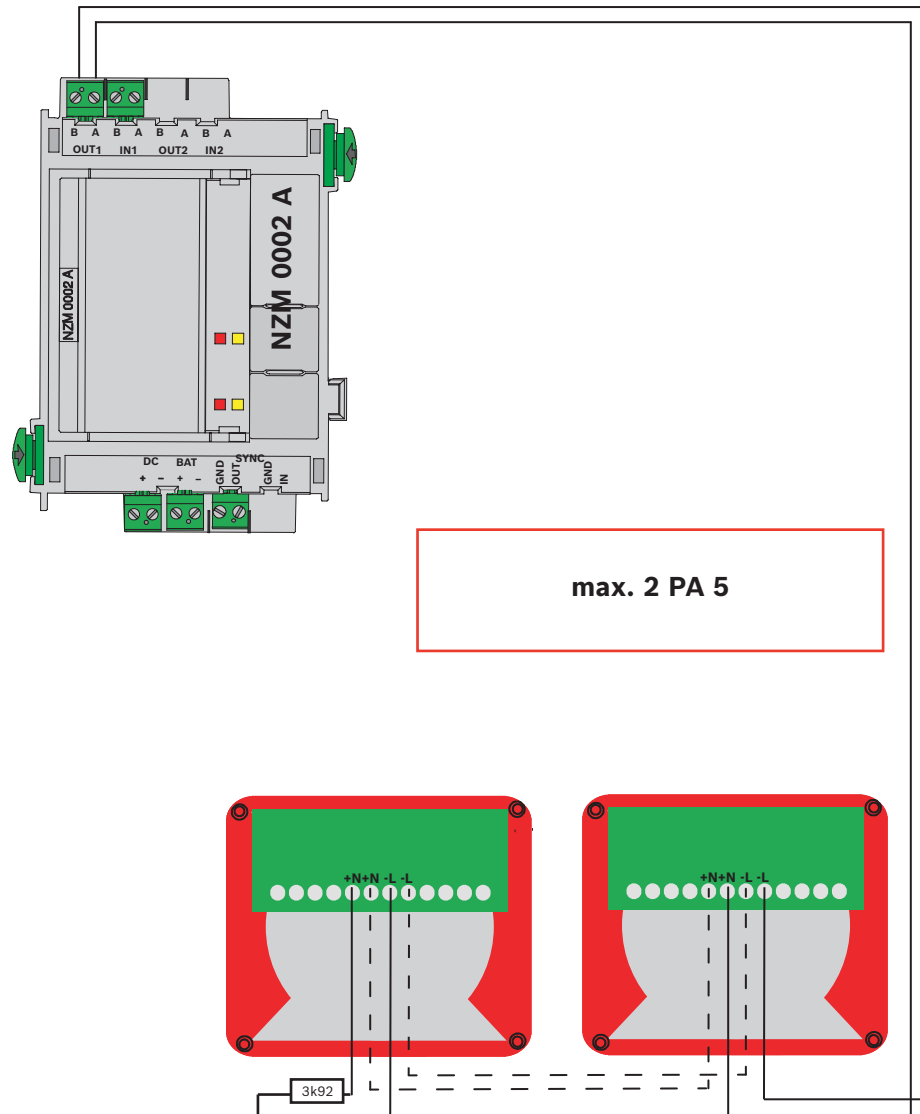
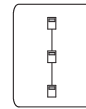
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FDM275-O
FDM273-O

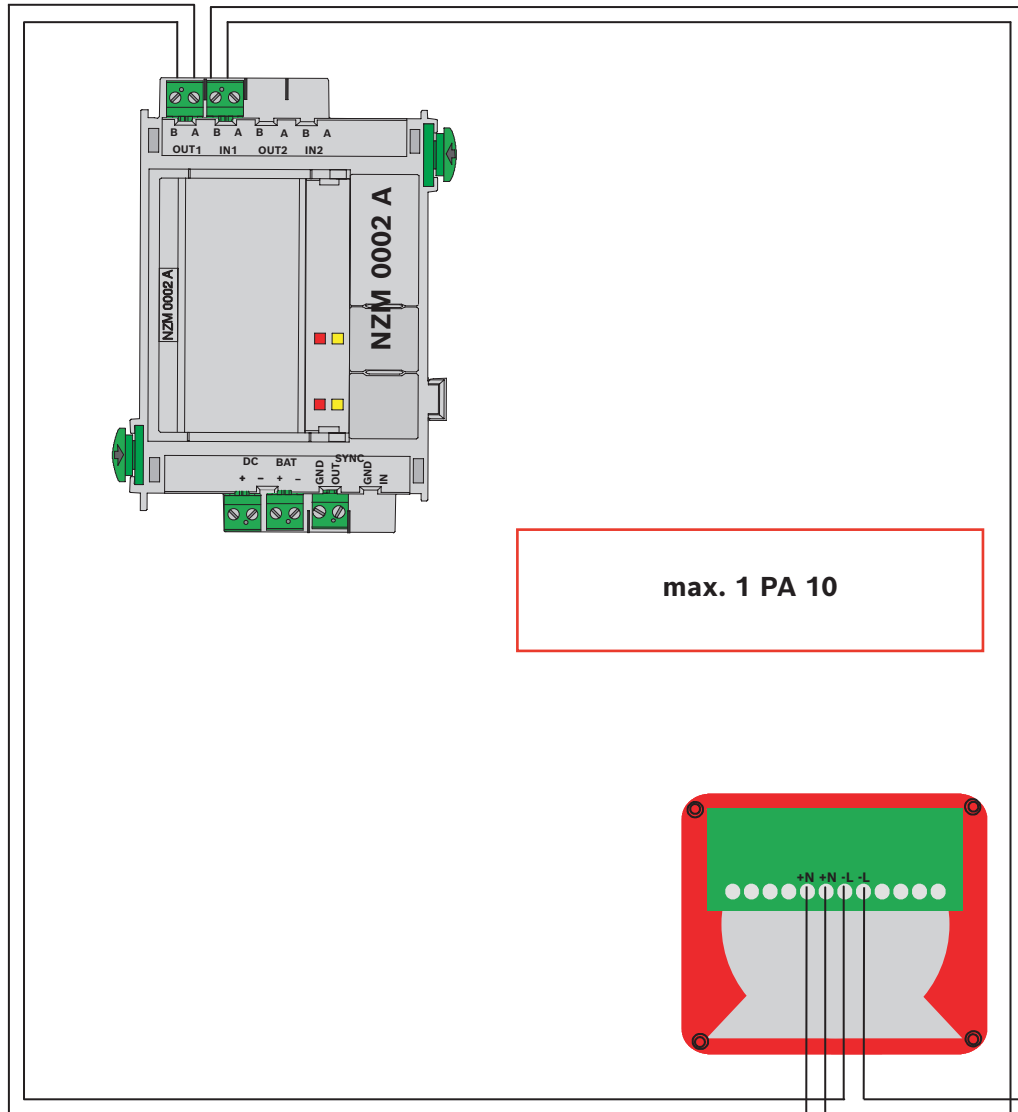
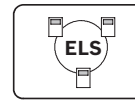
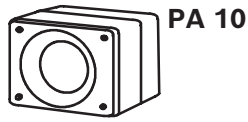


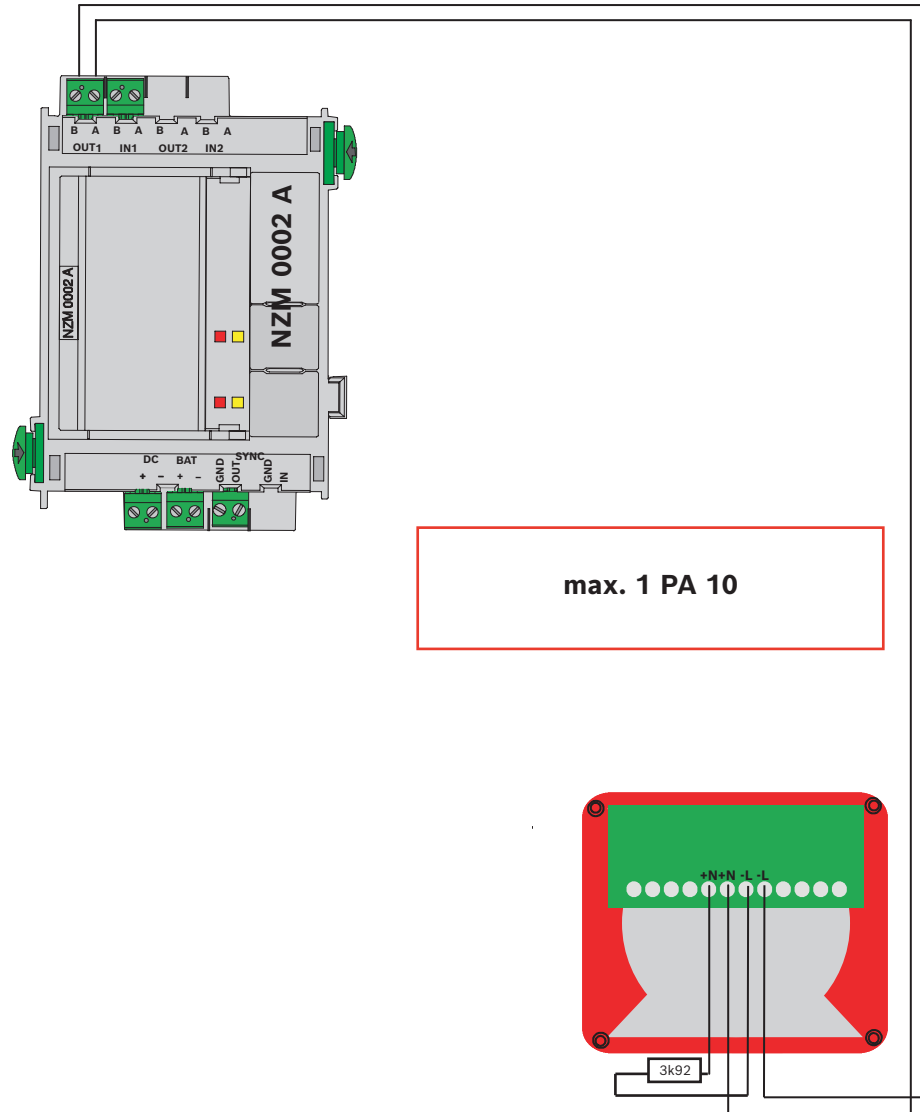
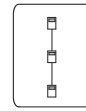
2.4.5

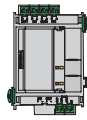
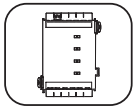
NZM 0002 A



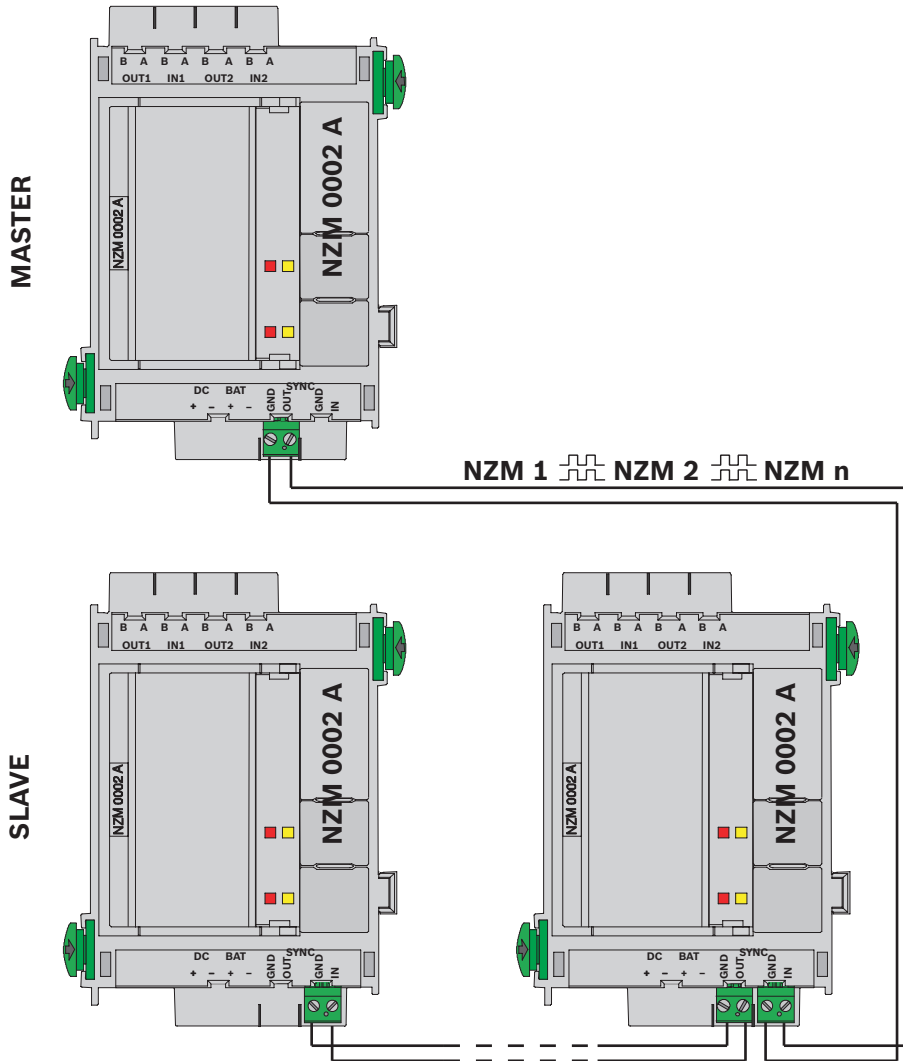


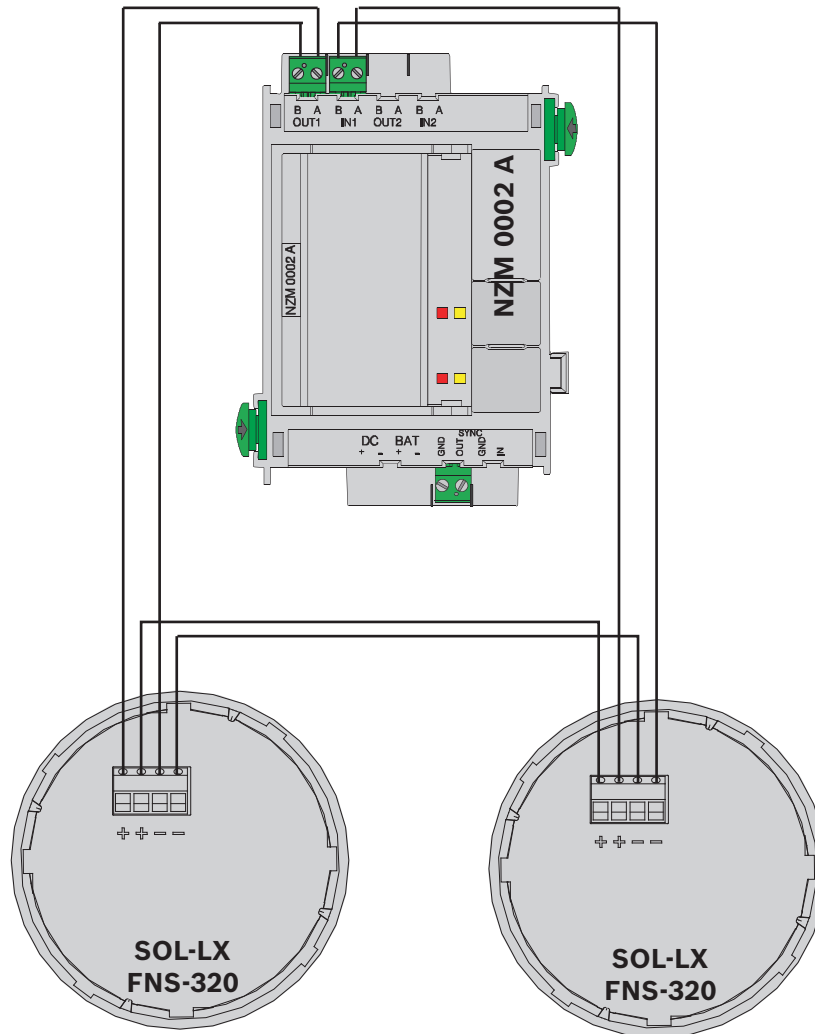
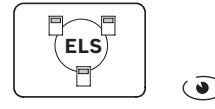


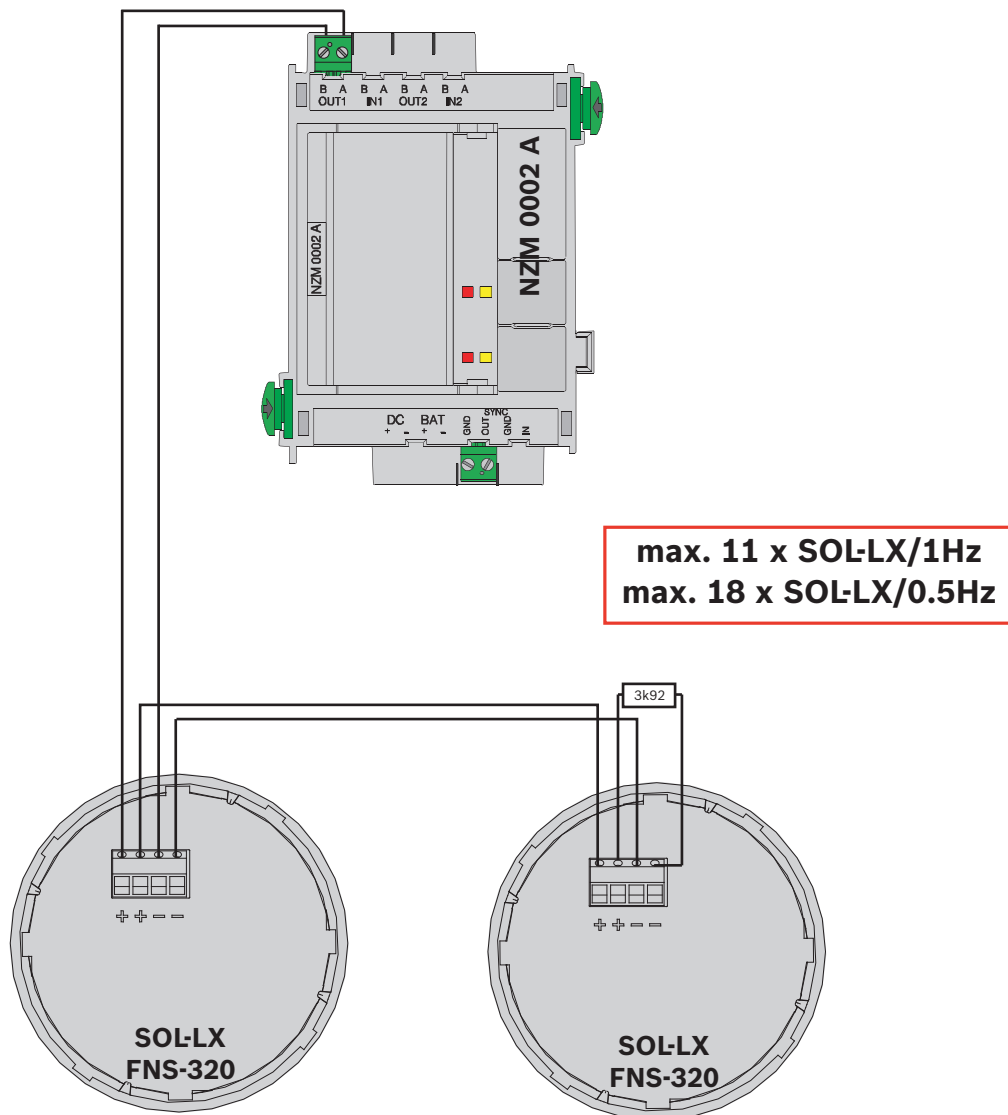
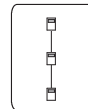


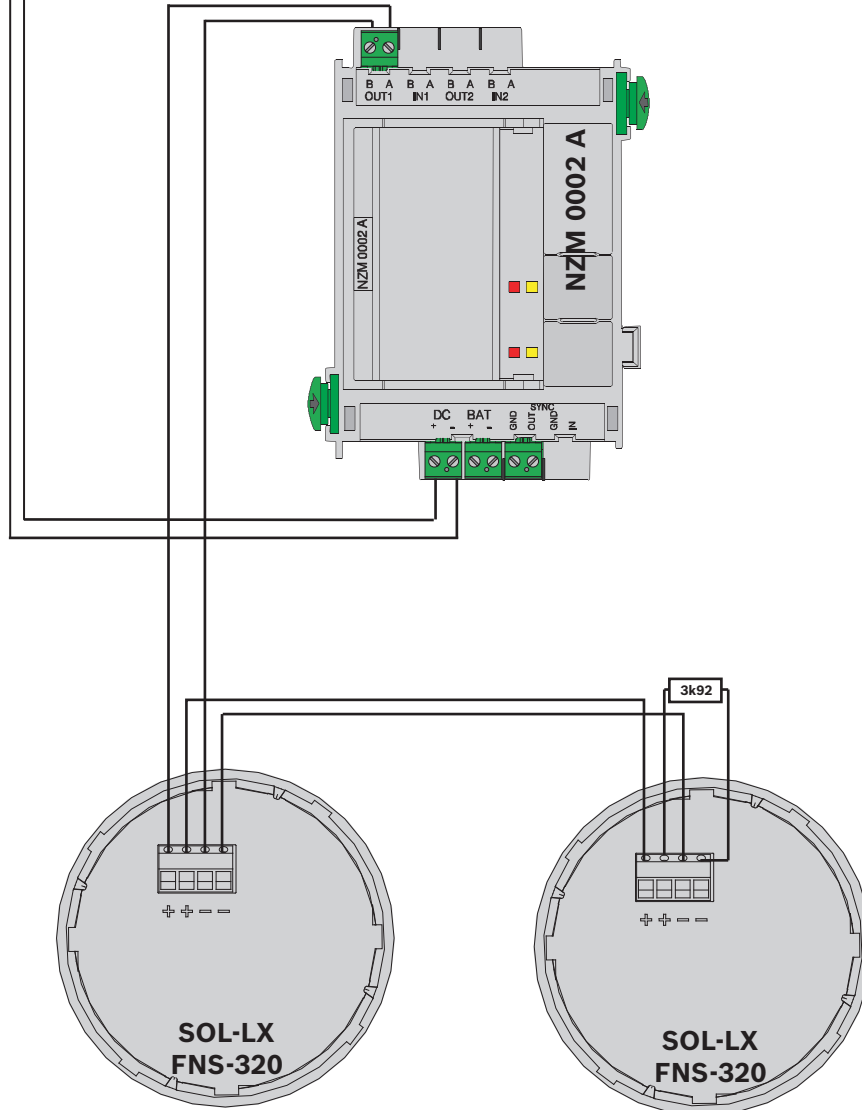
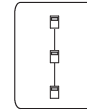


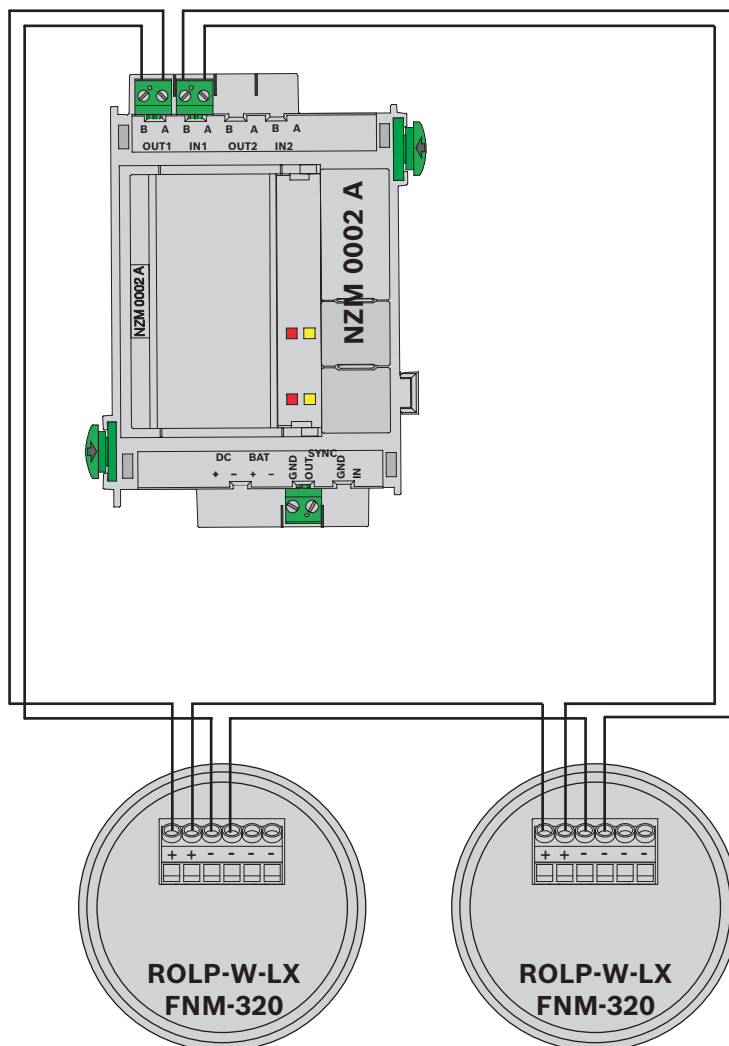
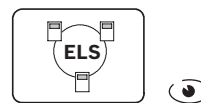
NZM 0002 A

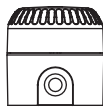




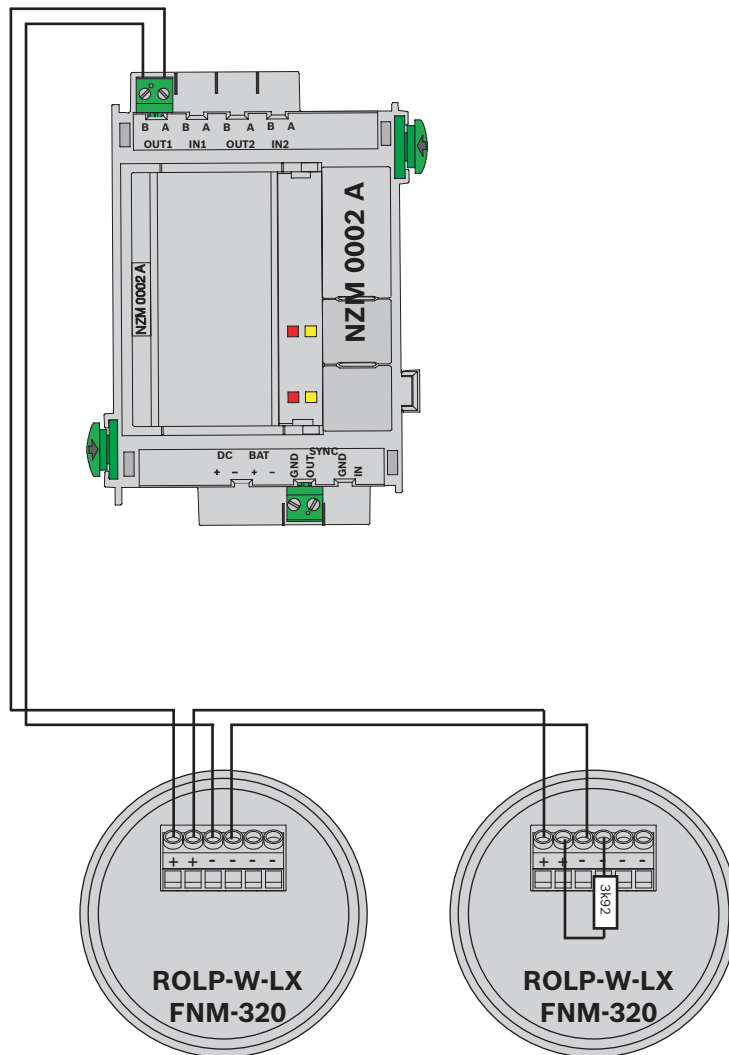
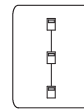






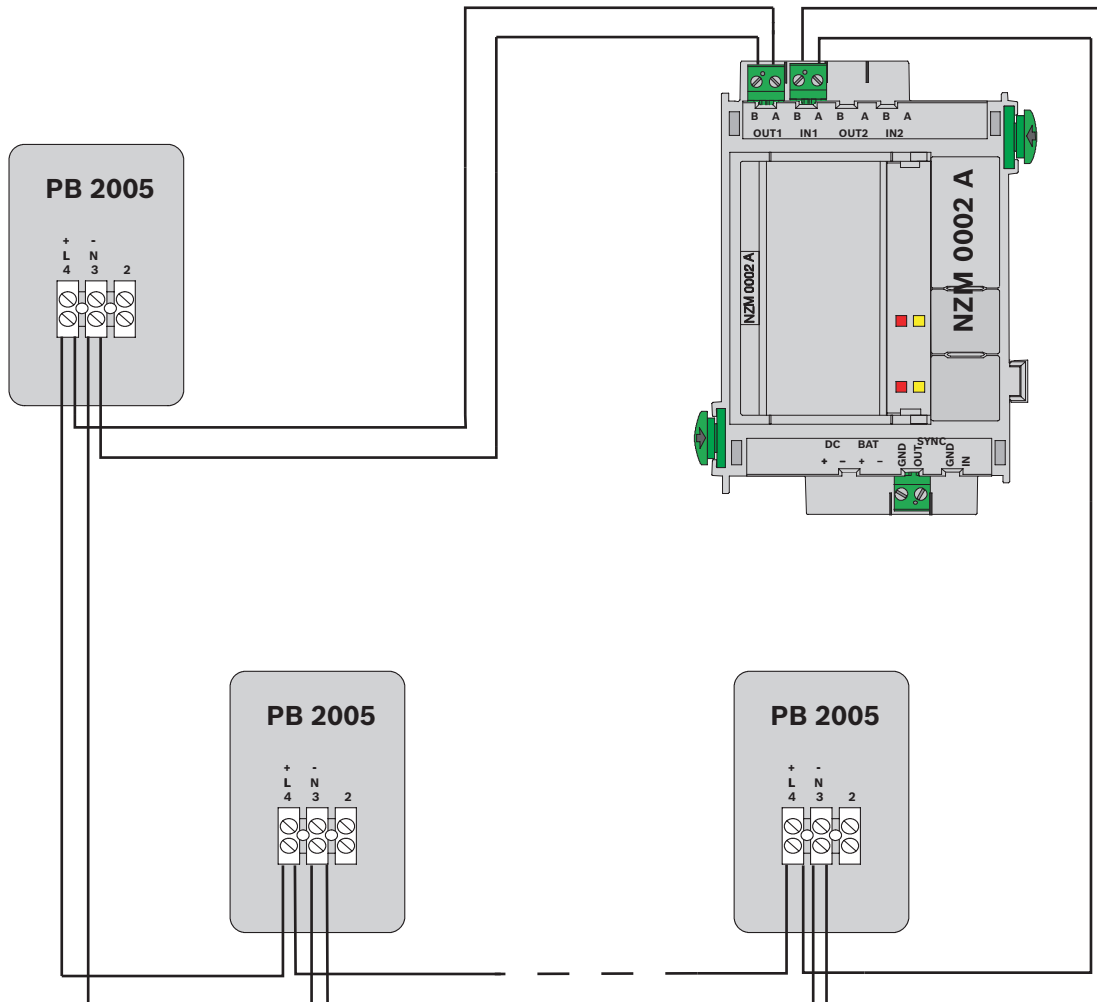
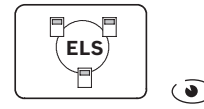


**ROLP-W-LX
FNM-320**



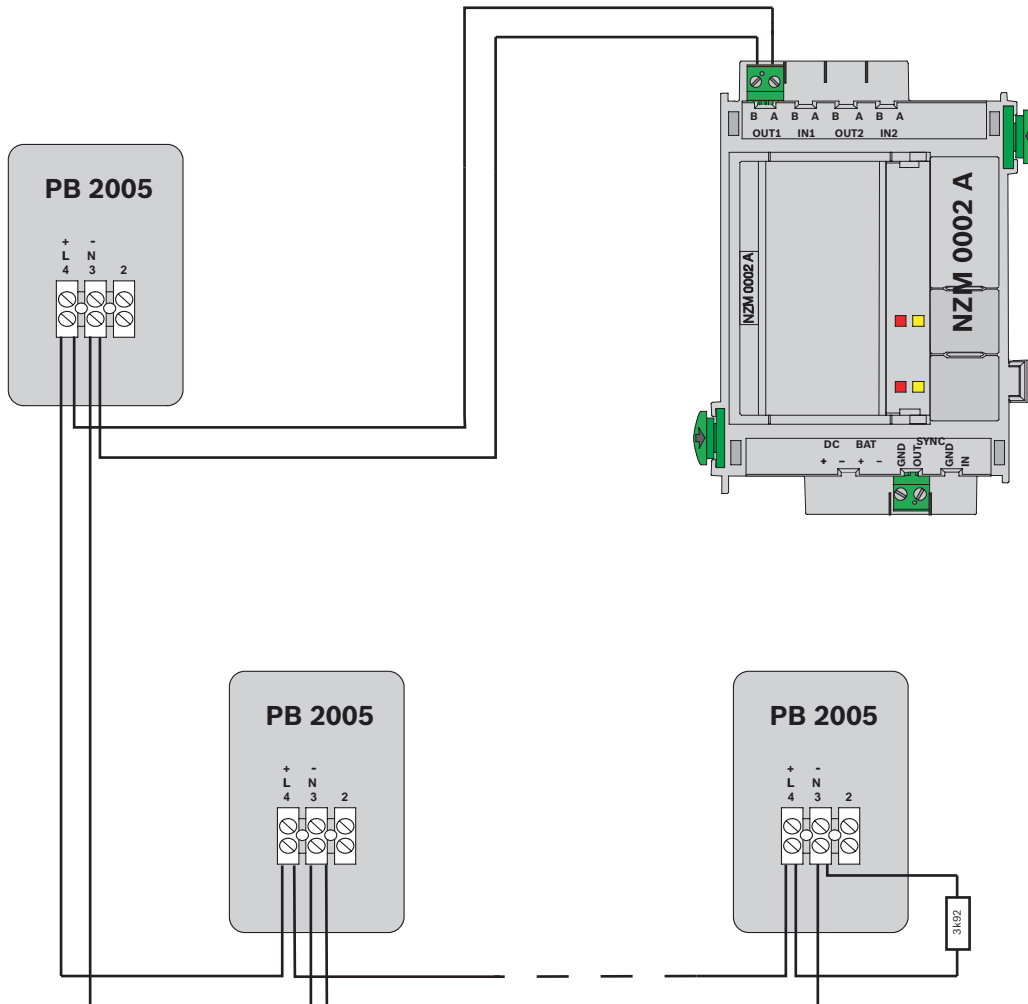
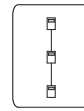


PB 2005



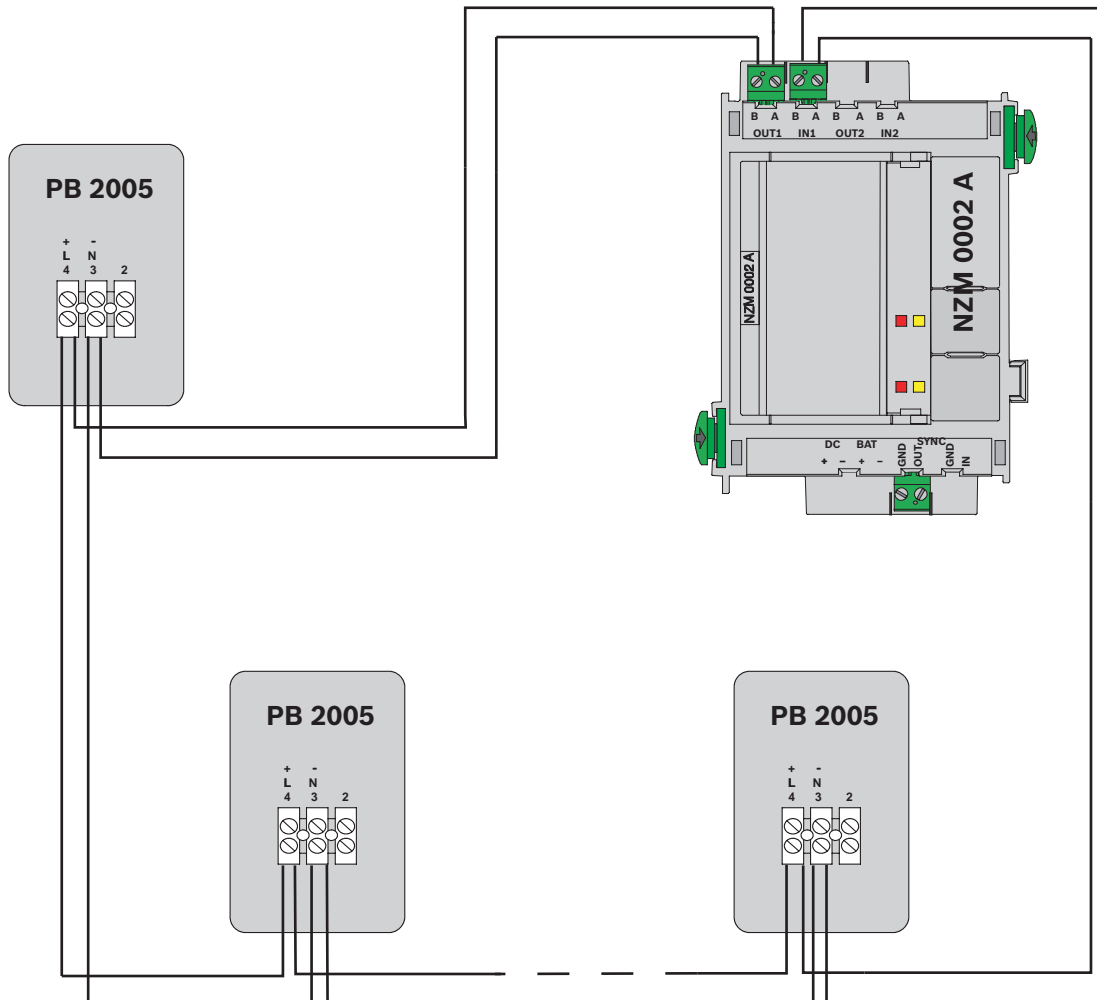
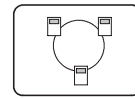


PB 2005



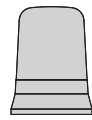


PB 2005

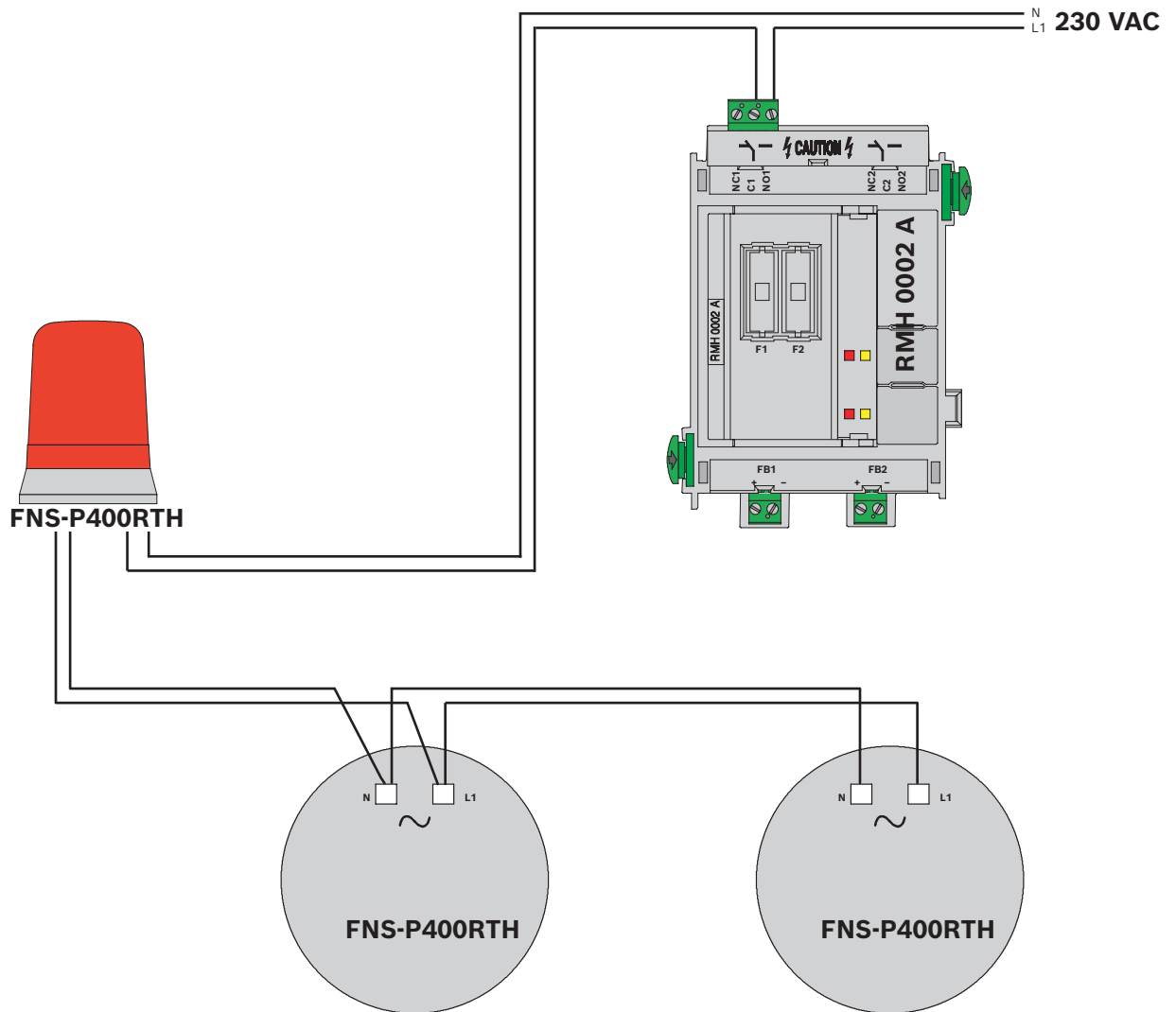
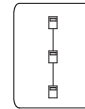


2.4.6

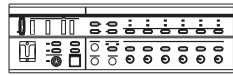
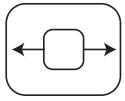
RMH 0002 A



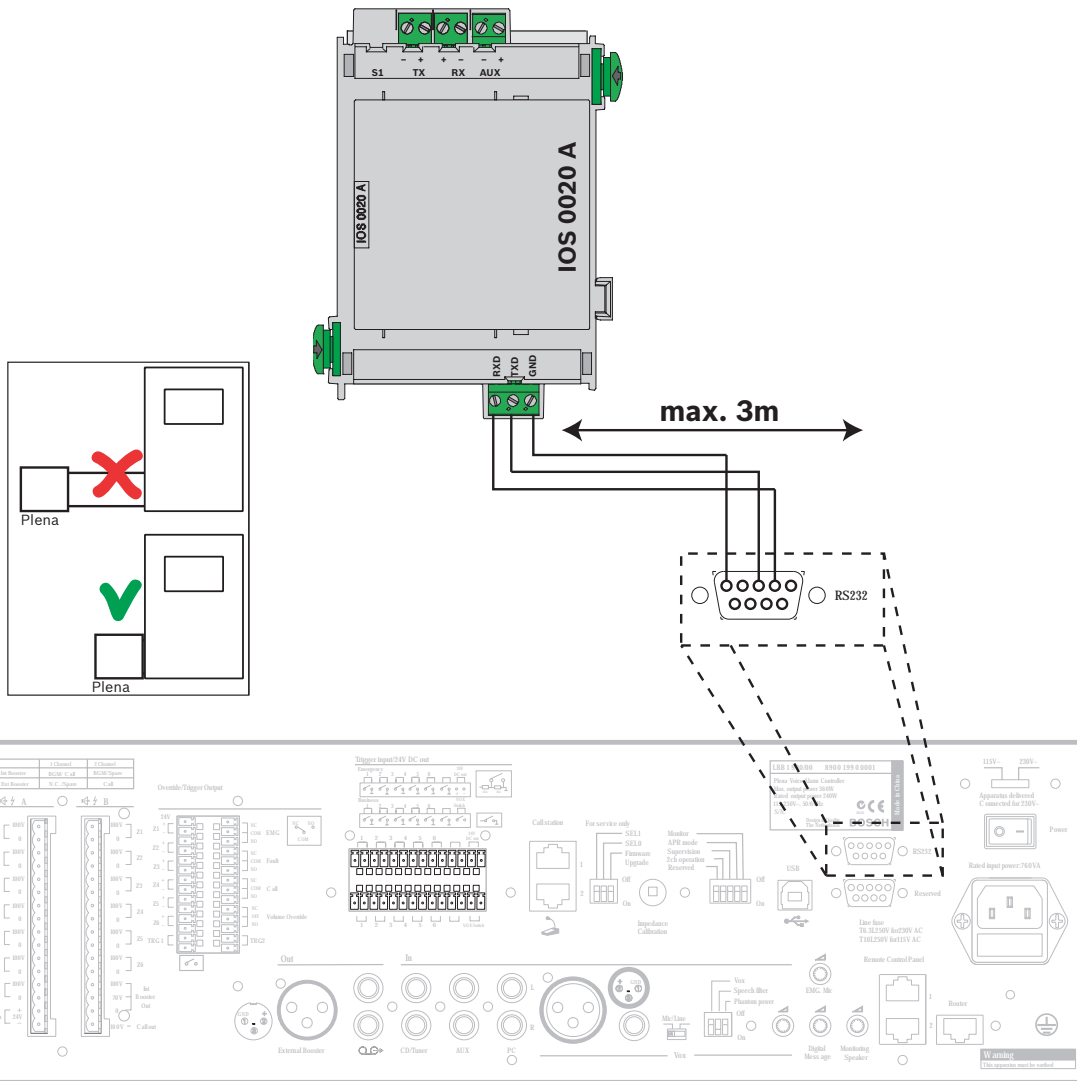
FNS-P400RTH



2.4.7 IOS 0020 A



Plena

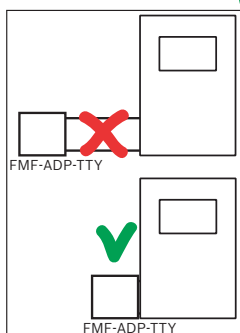
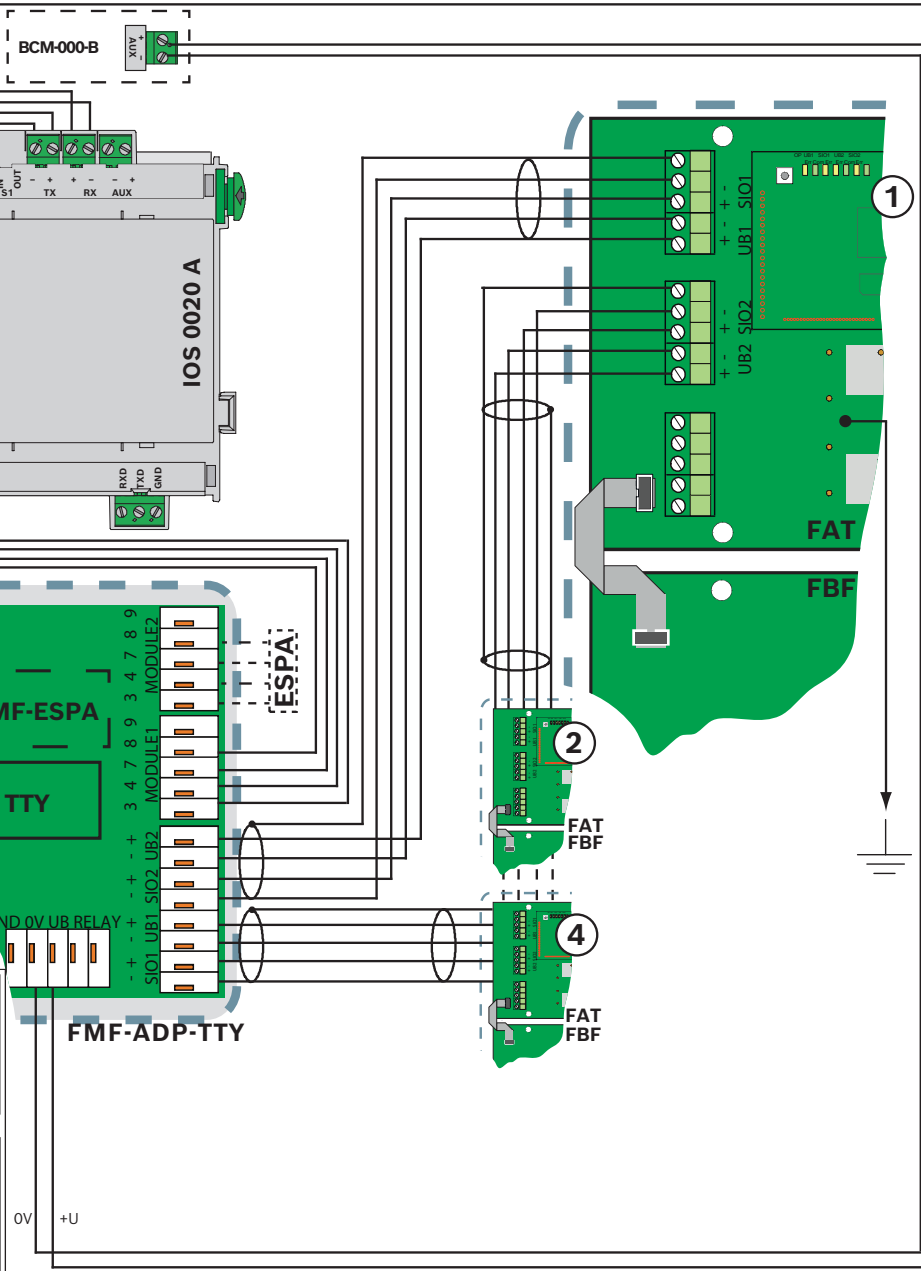




FAT4000 FBF4000 ADP4000

FMF-FAT FMF-FBF-FAT
FMF-FIBS-A4/-A3
FMF-ADP

ELS

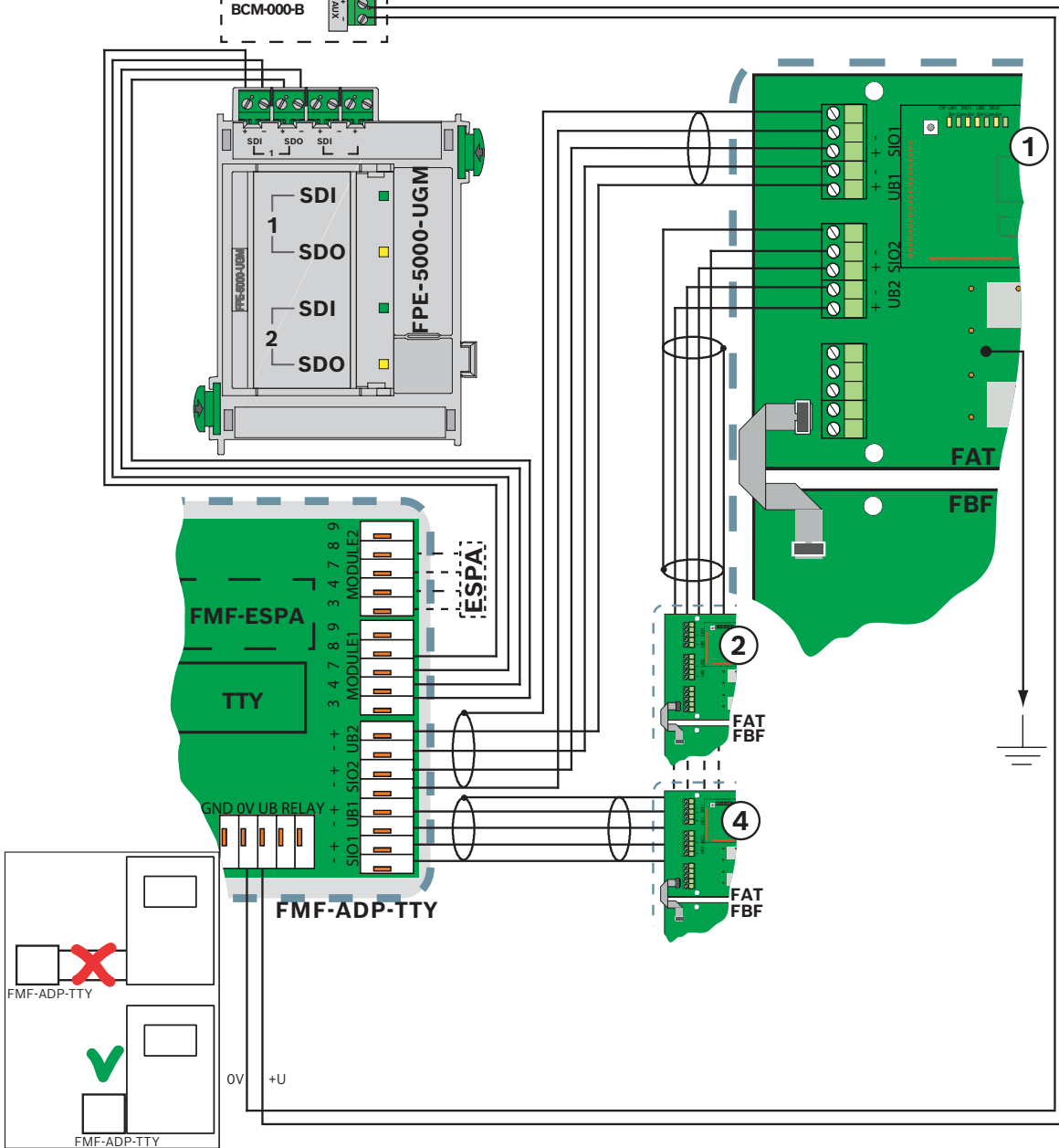


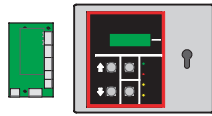
2.4.8 FPE-5000-UGM



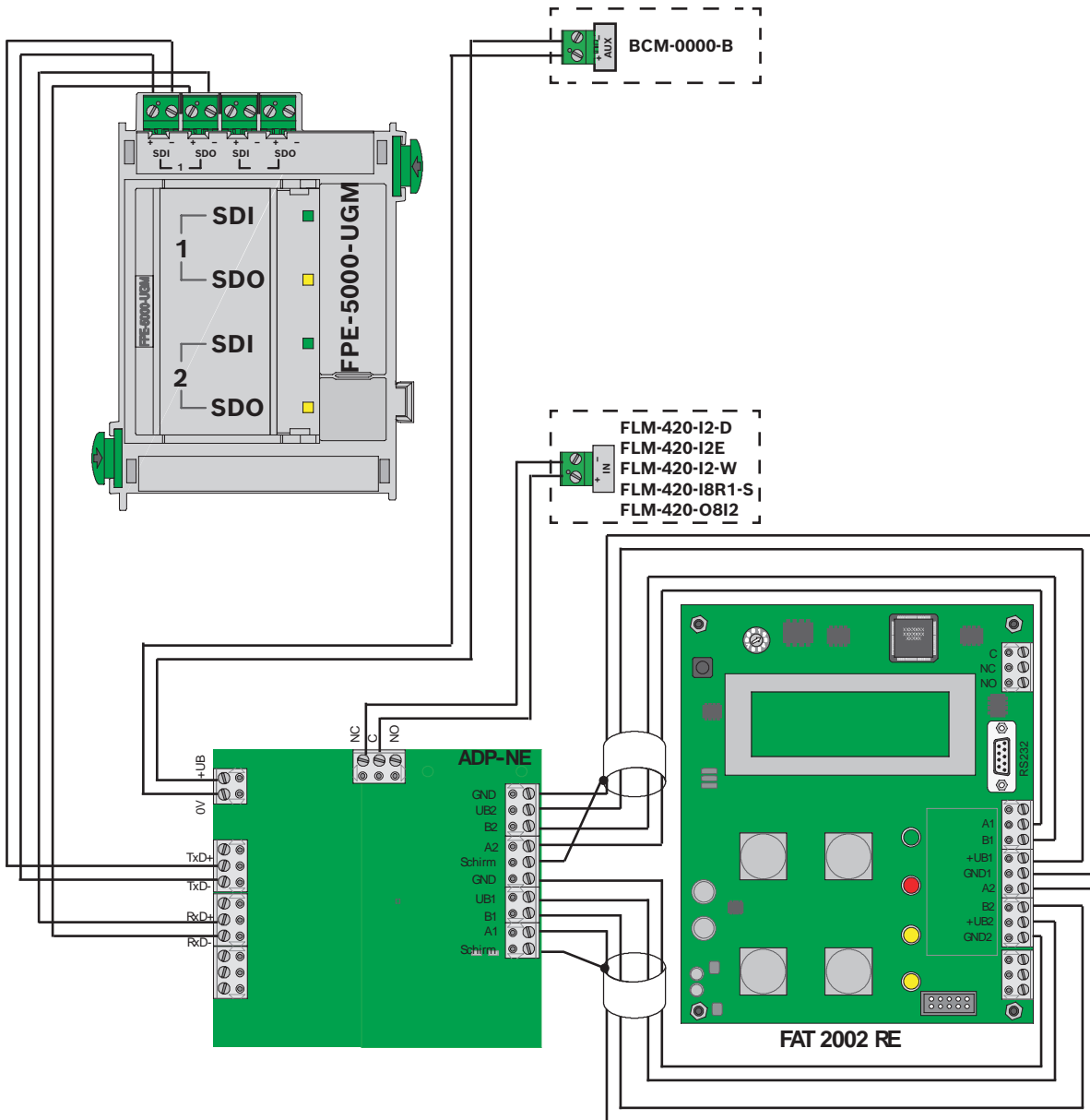
FAT4000 FBF4000 ADP4000
 FMF-FAT FMF-FBF-FAT
 FMF-FIBS-A4/-A3
 FMF-ADP

ELS





FAT2002RE
ADP-NE



2.5

Interface Modules



FLM-420-4/CON-D/S, σελίδα 125

FLM-420-I8R1-S, σελίδα 158

FLM-420-NAC-D/S, σελίδα 160

FLM-420-RHV, σελίδα 172

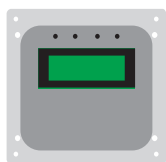
FLM-420-RLE-S, σελίδα 184

FLM-420-RLV1-E, σελίδα 185

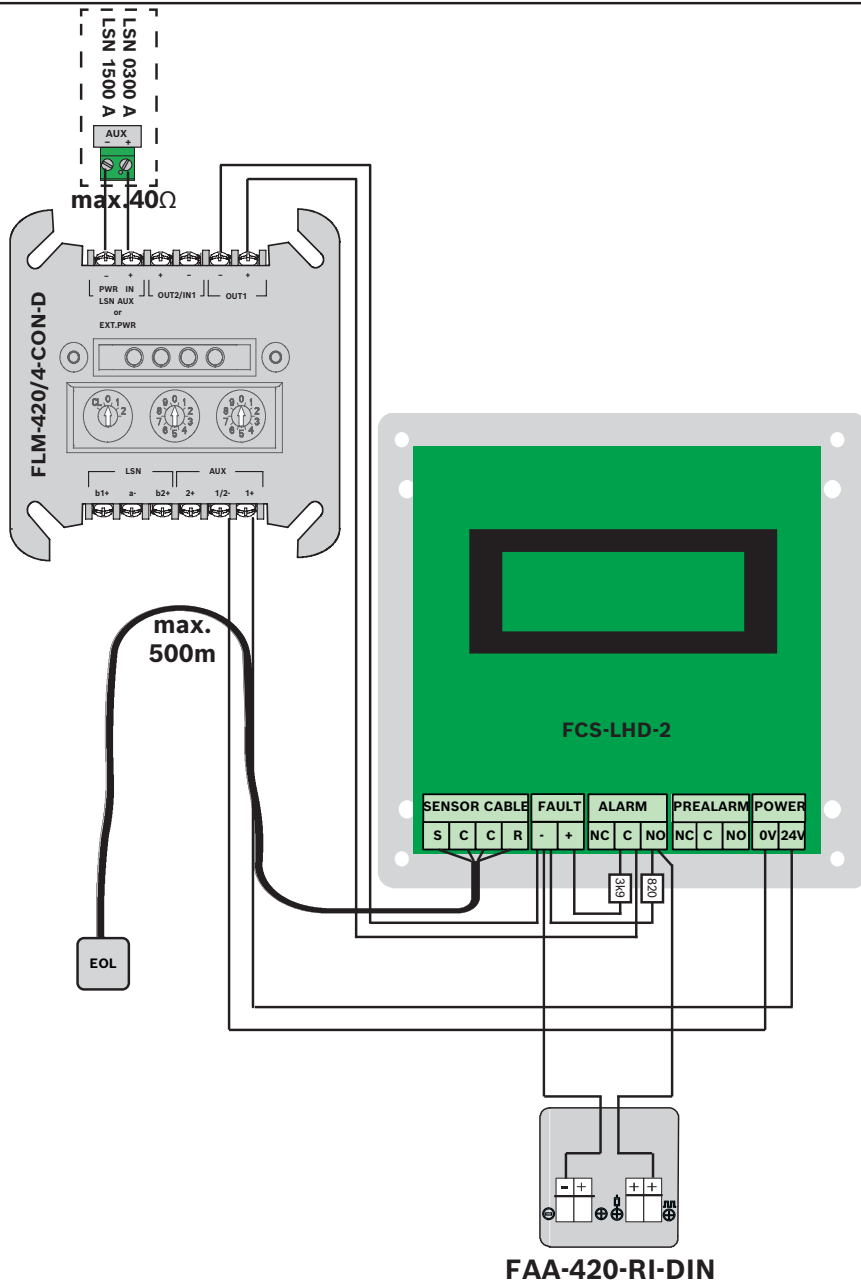
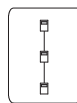
FLM-420-RLV8-S, σελίδα 186

FMF-ADP-FBF/FMF-ADP-TTY, σελίδα 187

2.5.1 FLM-420-4/CON-D/S

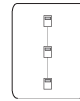


ALARMLINE II



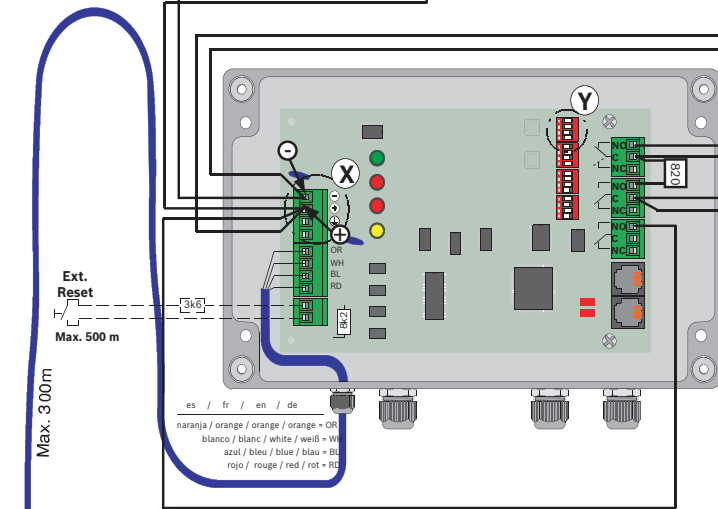
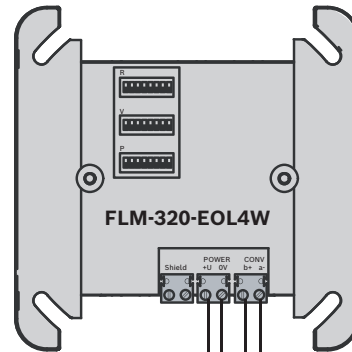
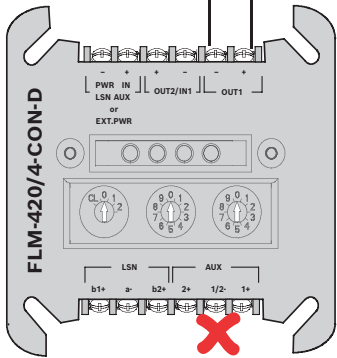


FCS-LWM-1



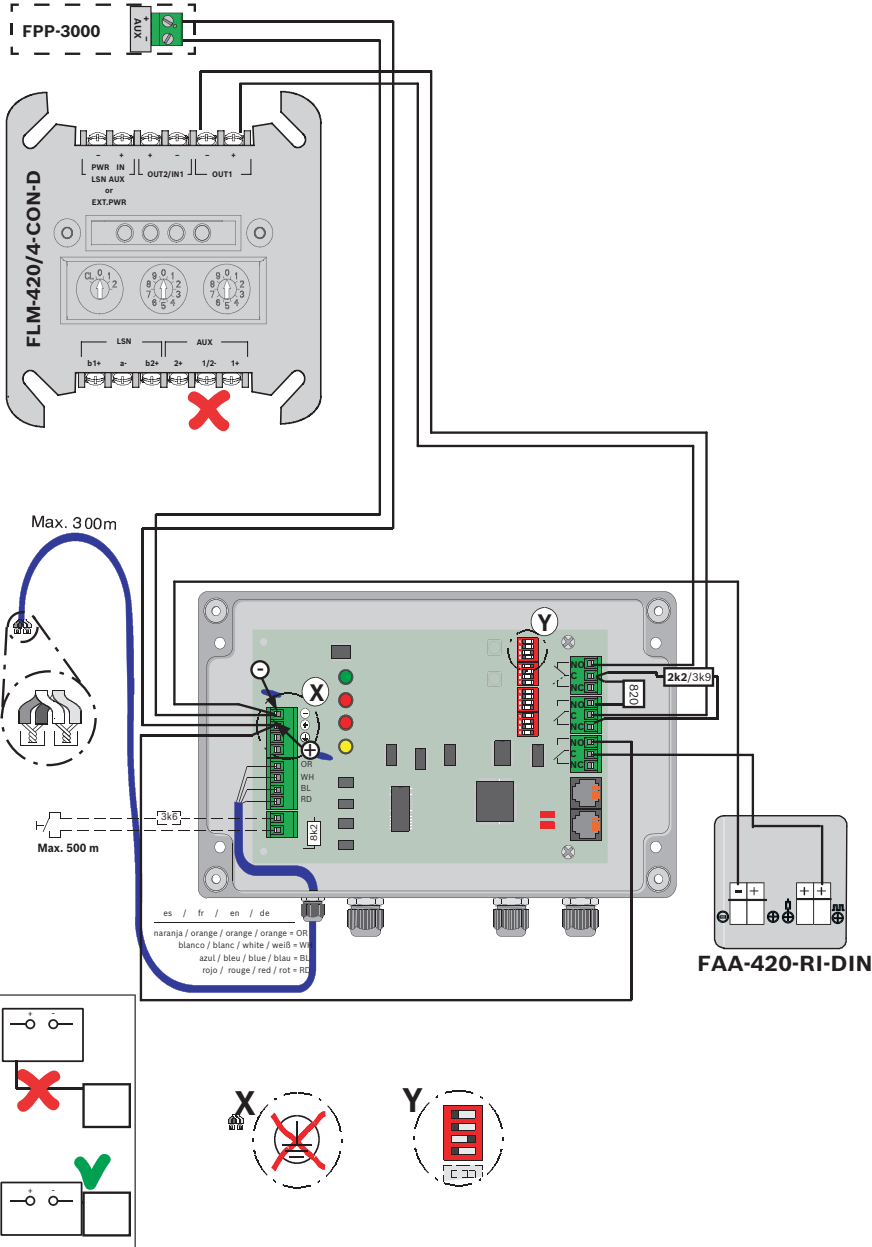
ELS

BCM-0000-B
LSN 0300 A
LSN 1500 A



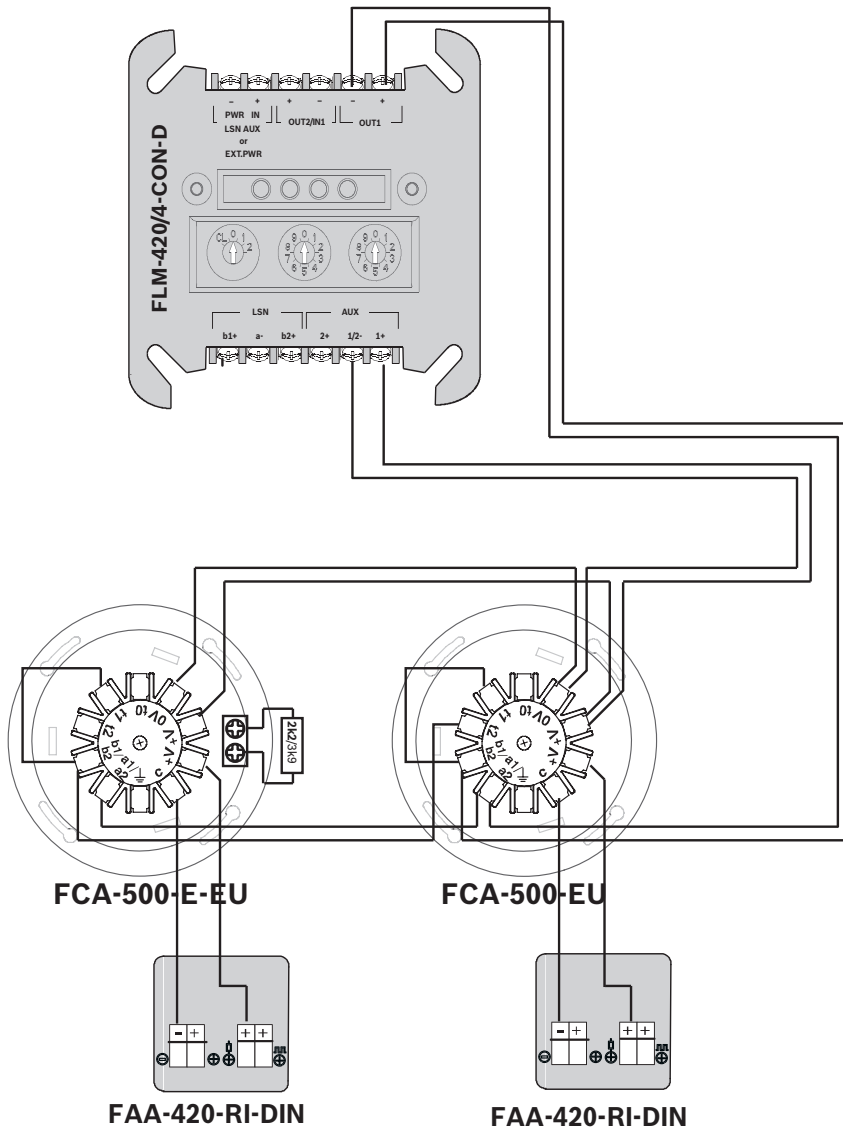


FCS-LWM-1



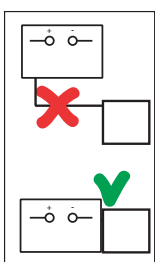
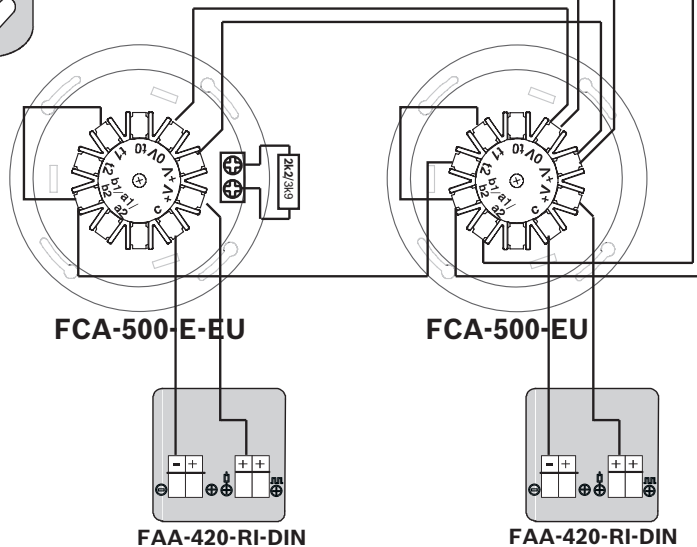
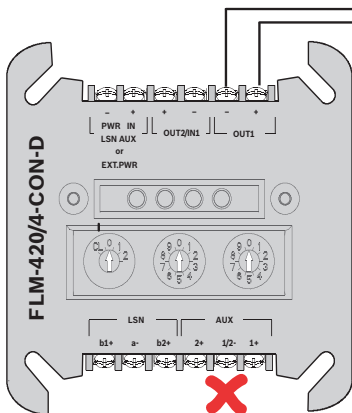


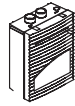
FCP-500





FCA-500-EU
 FCP-O 500
 FCP-O 500-P
 FCP-OC 500
 FCP-OC 500-P

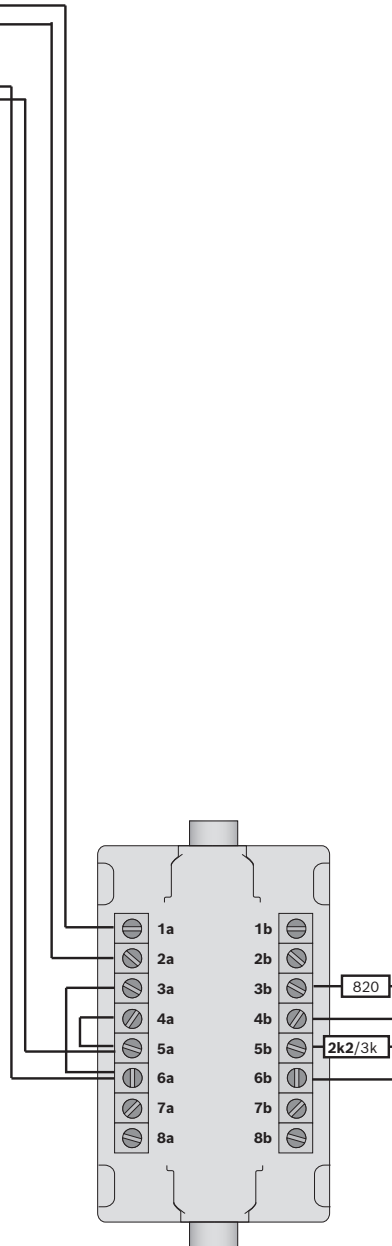
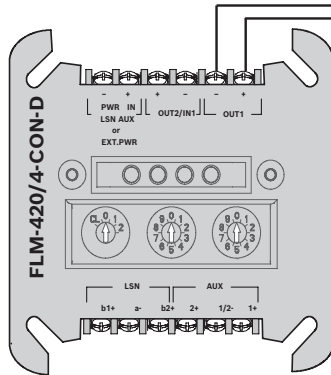


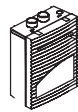


FCS-320-TM Series

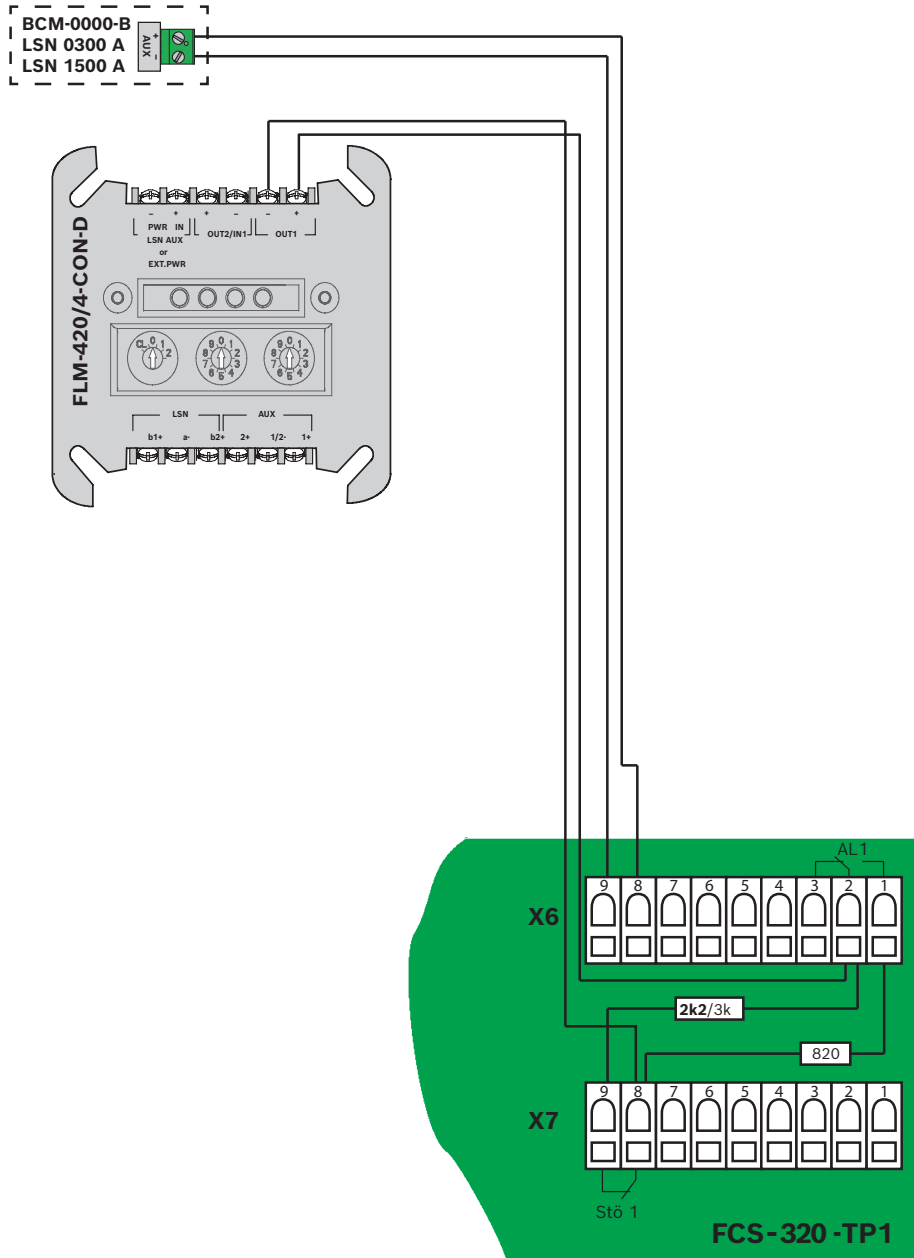
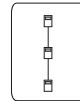


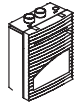
BCM-0000-B
LSN 0300 A
LSN 1500 A



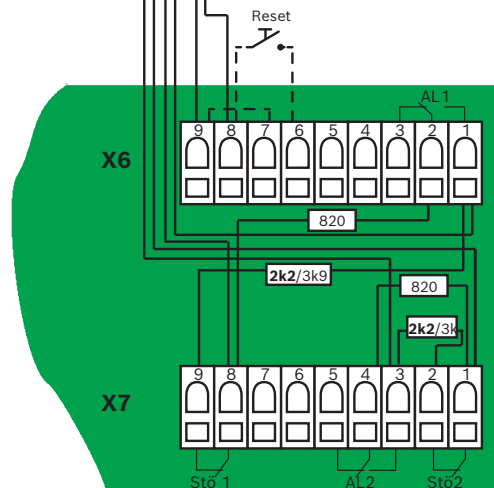
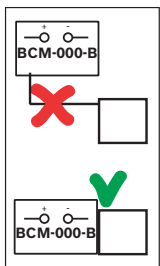
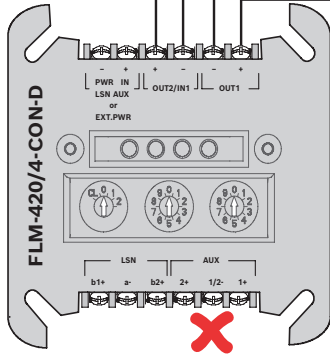
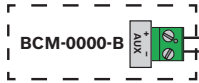


FCS-320-TP Series

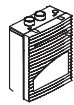




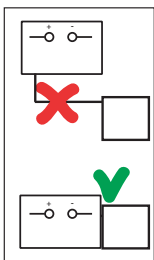
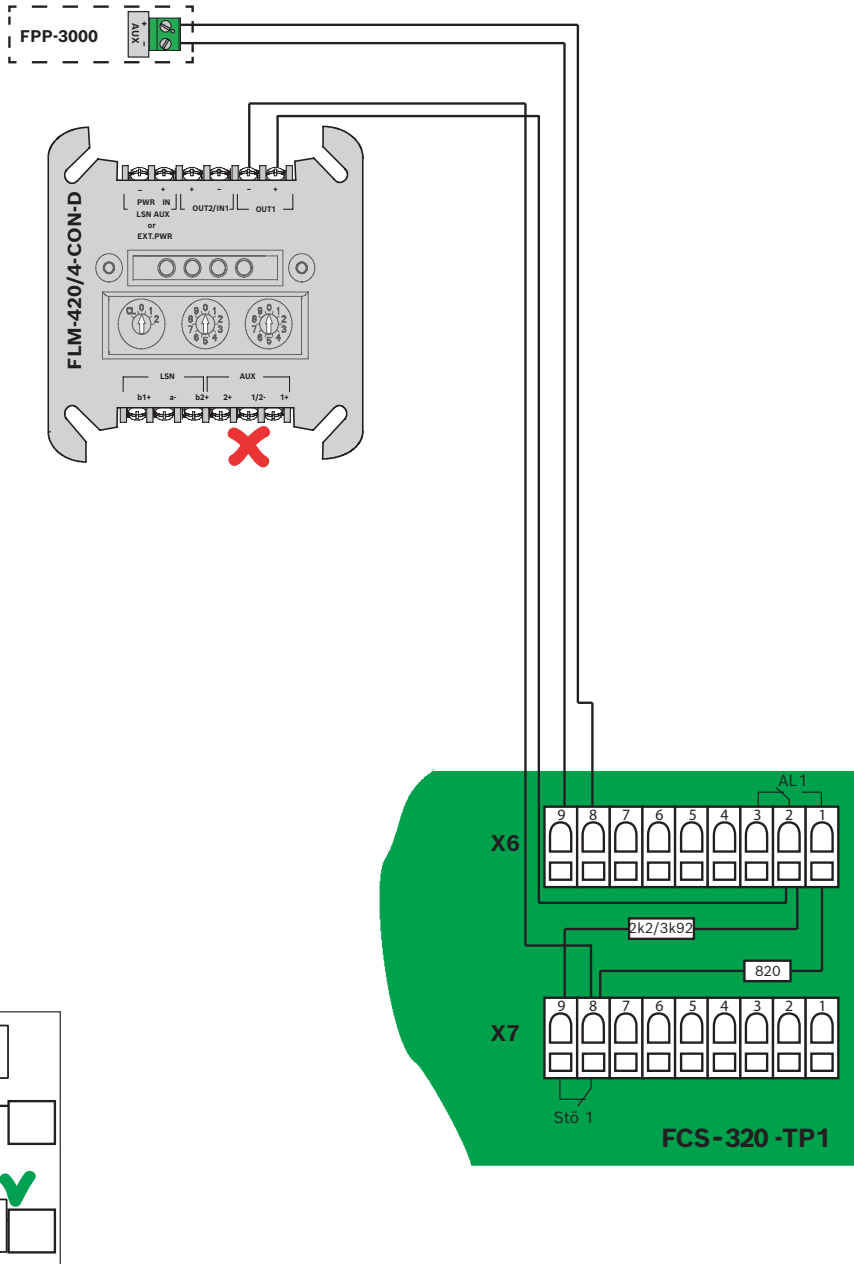
FCS-320-TP Series

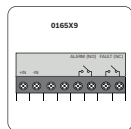


FCS-320-TP2

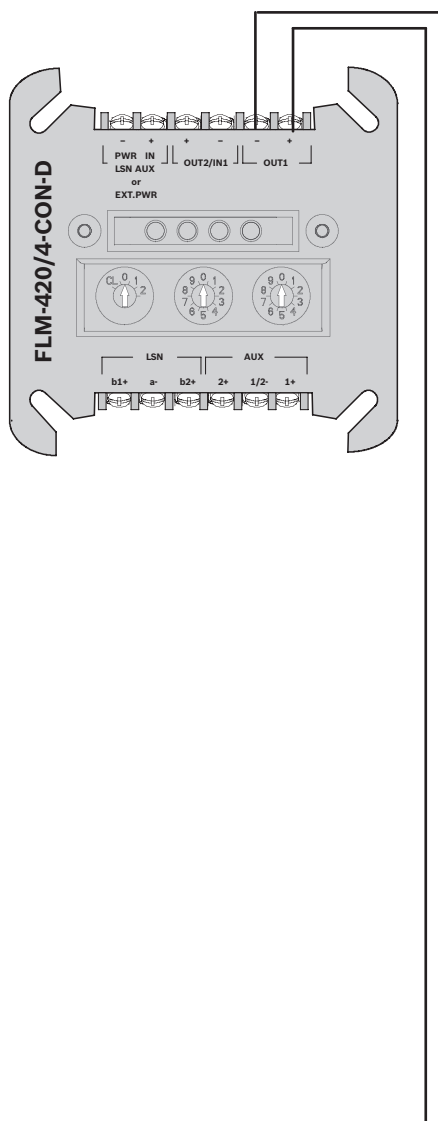
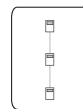


FCS-320-TP1

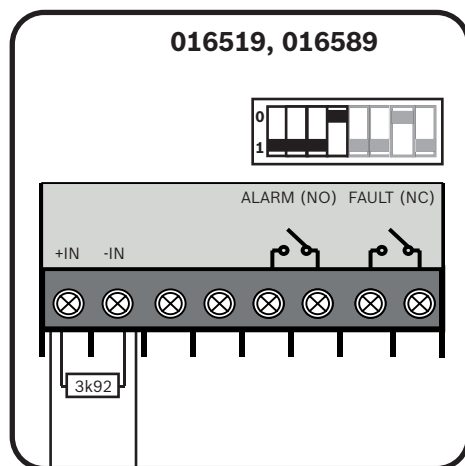


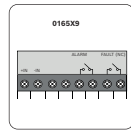


**016519, 016589
IR3 Flame Detector**

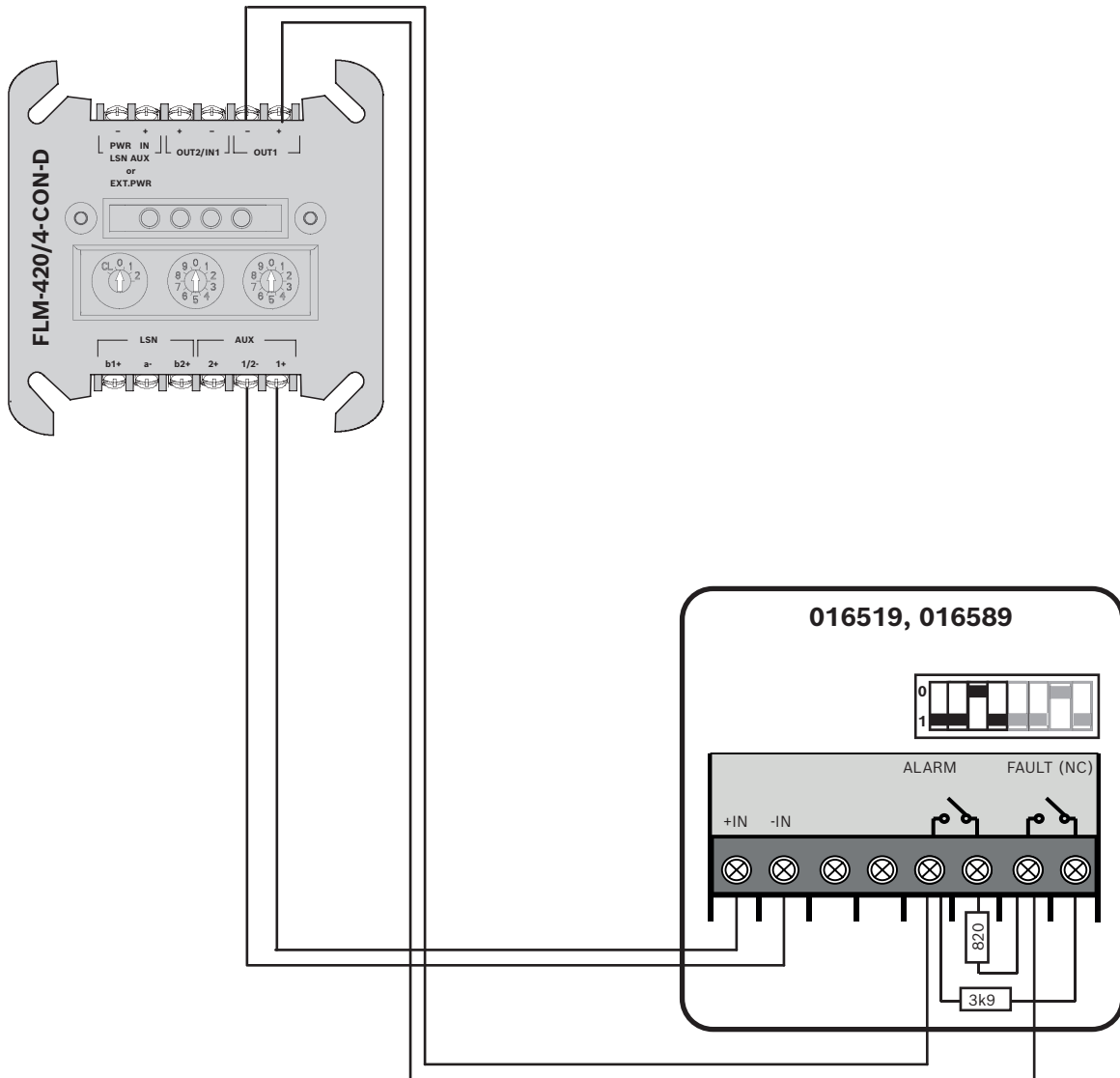
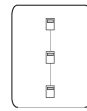


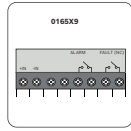
max. 1 x 0165X9



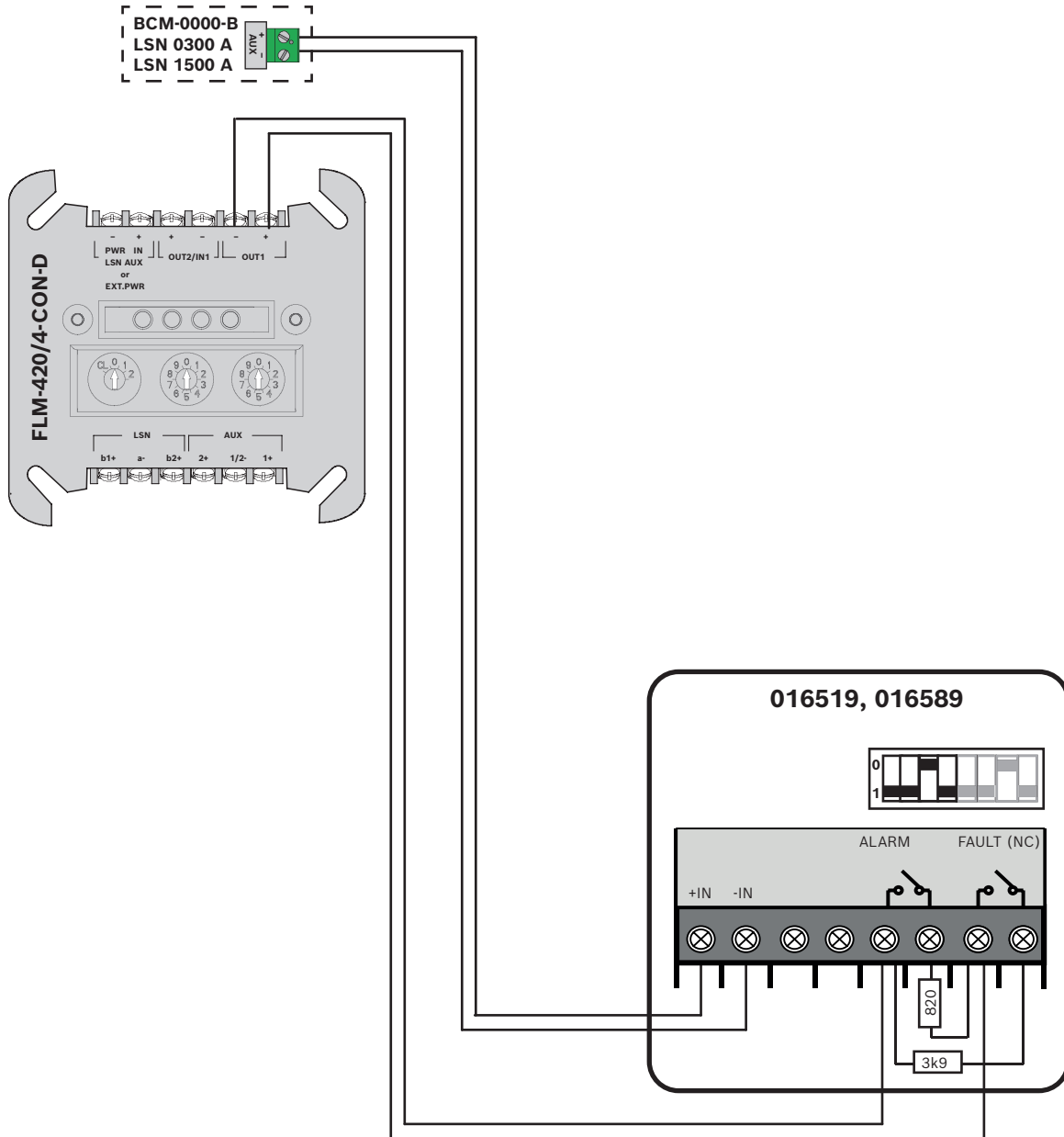
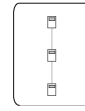


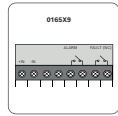
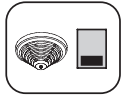
**016519, 016589
IR3 Flame Detector**



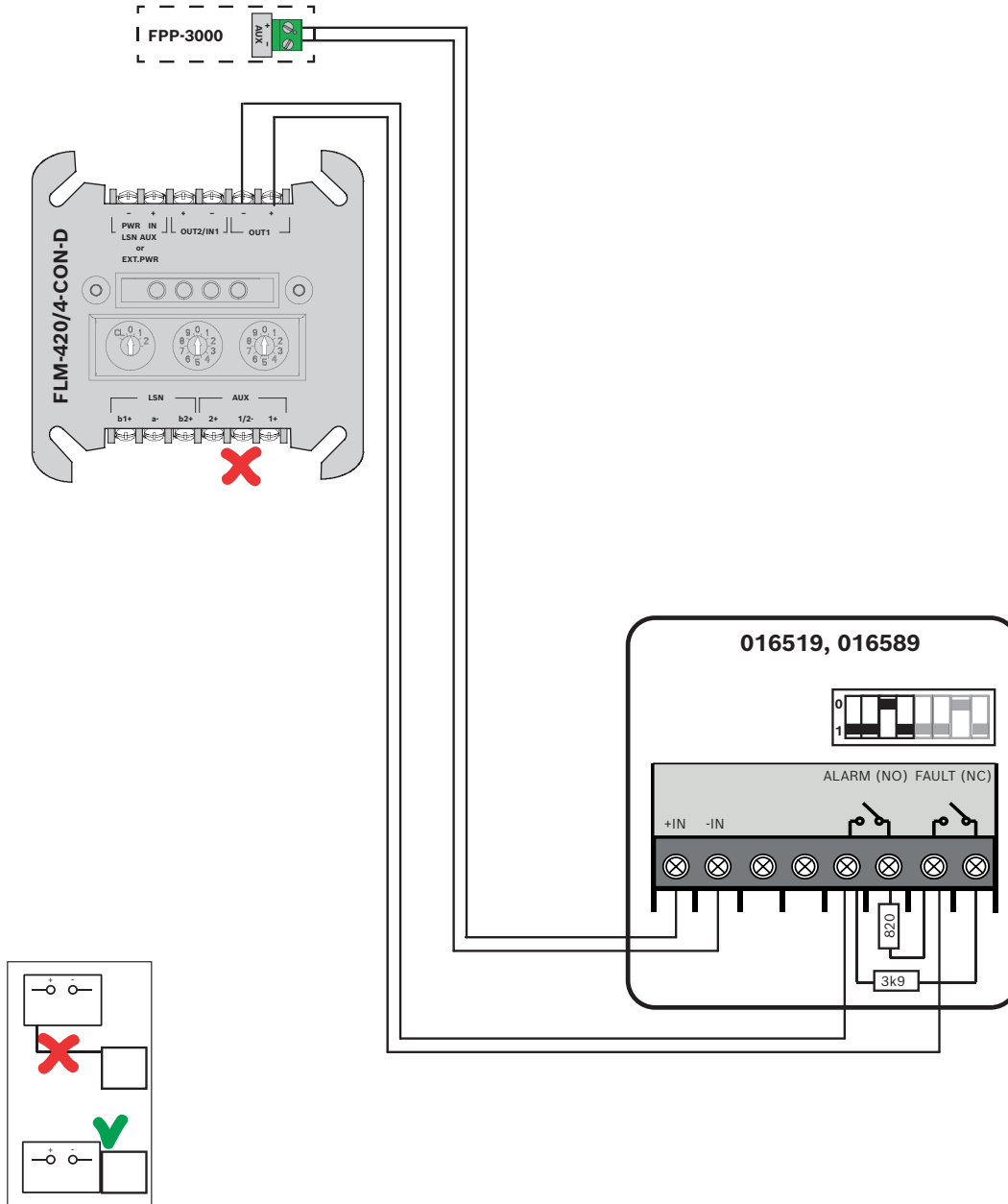


016519, 016589 IR3 Flame Detector



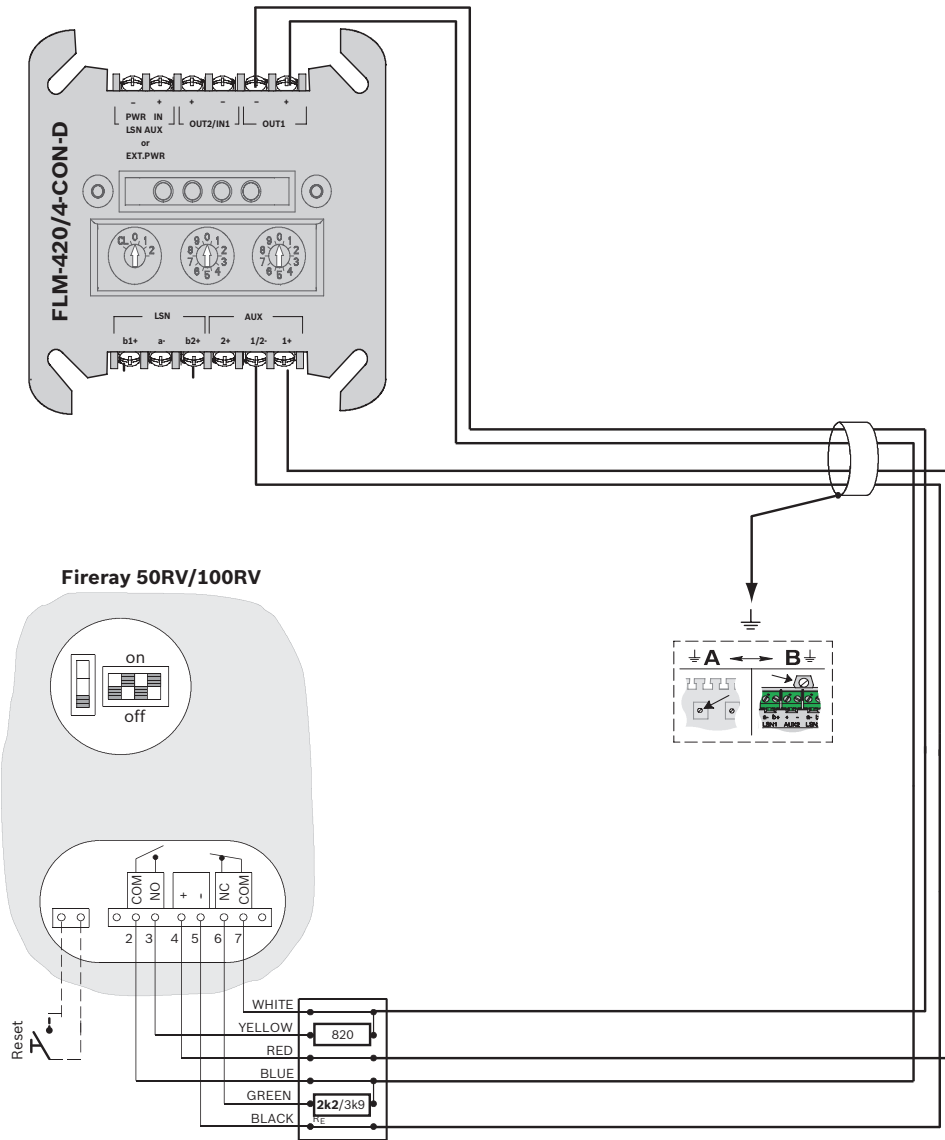


**016519, 016589
IR3 Flame Detector**





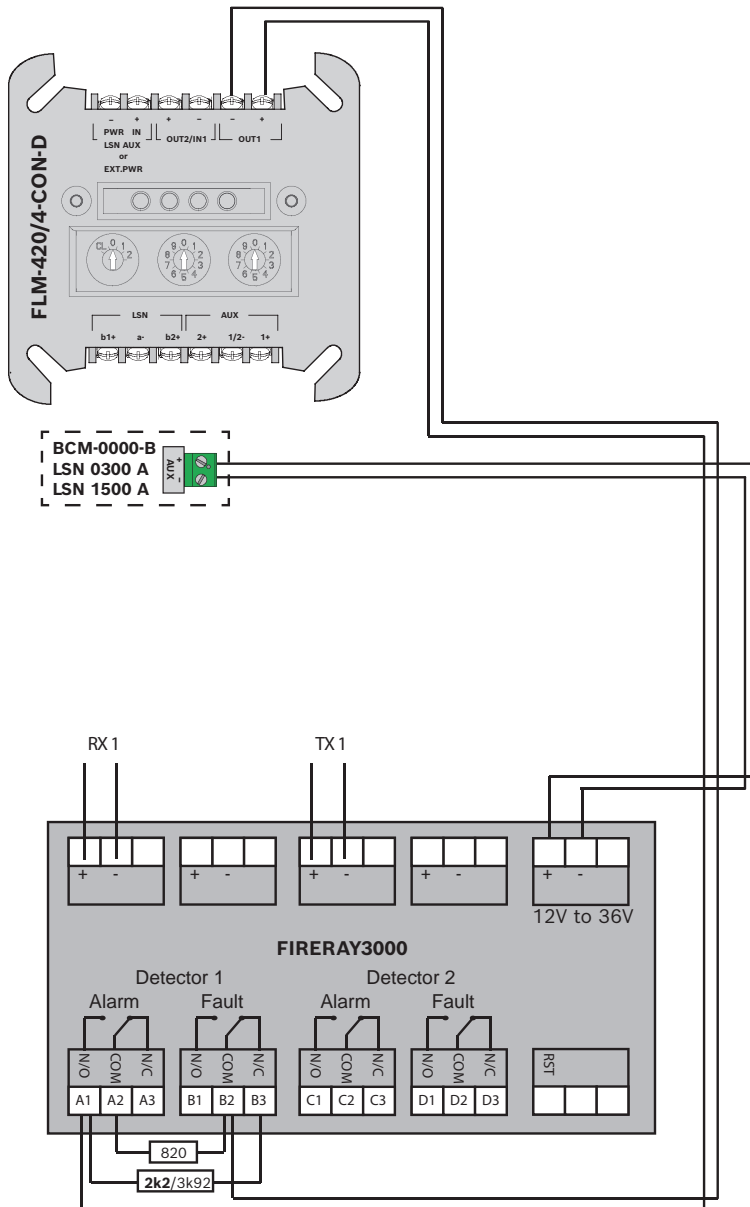
**Fireray 50RV
Fireray 100RV**

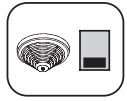




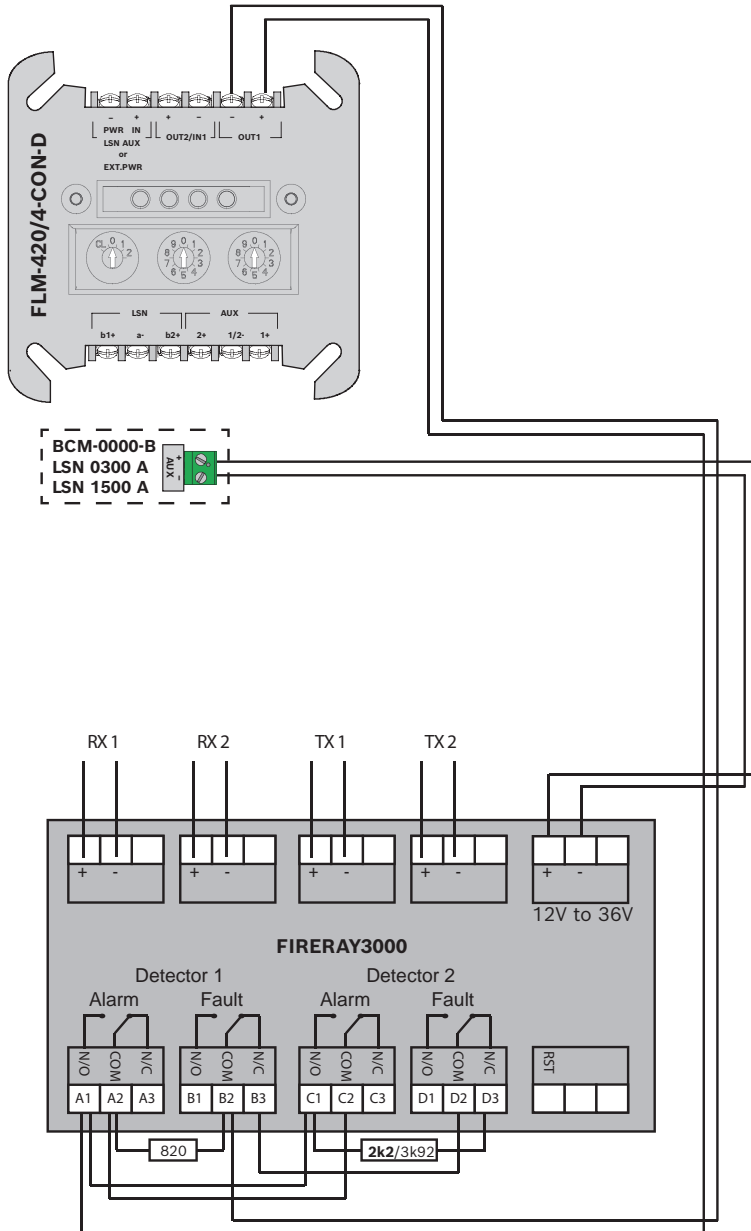
FIRERAY3000

1 x





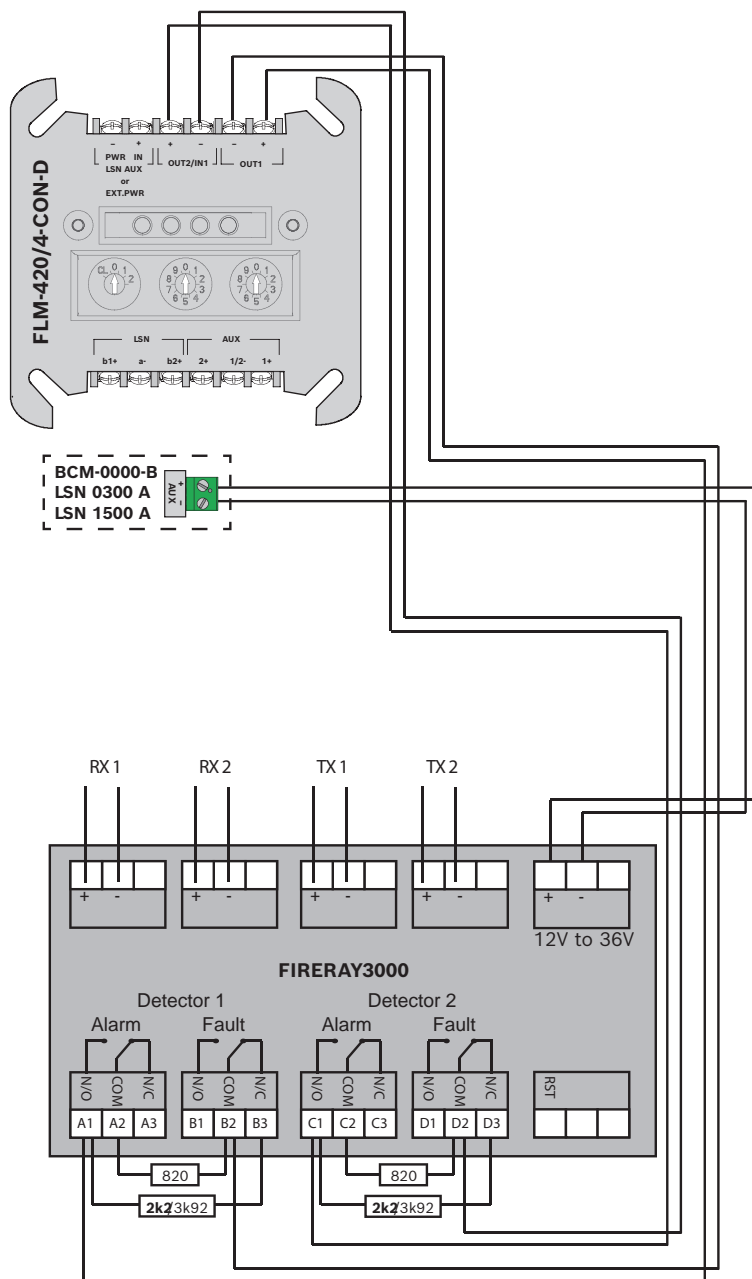
FIRERAY3000
2 x **OUT1**





FIRERAY3000

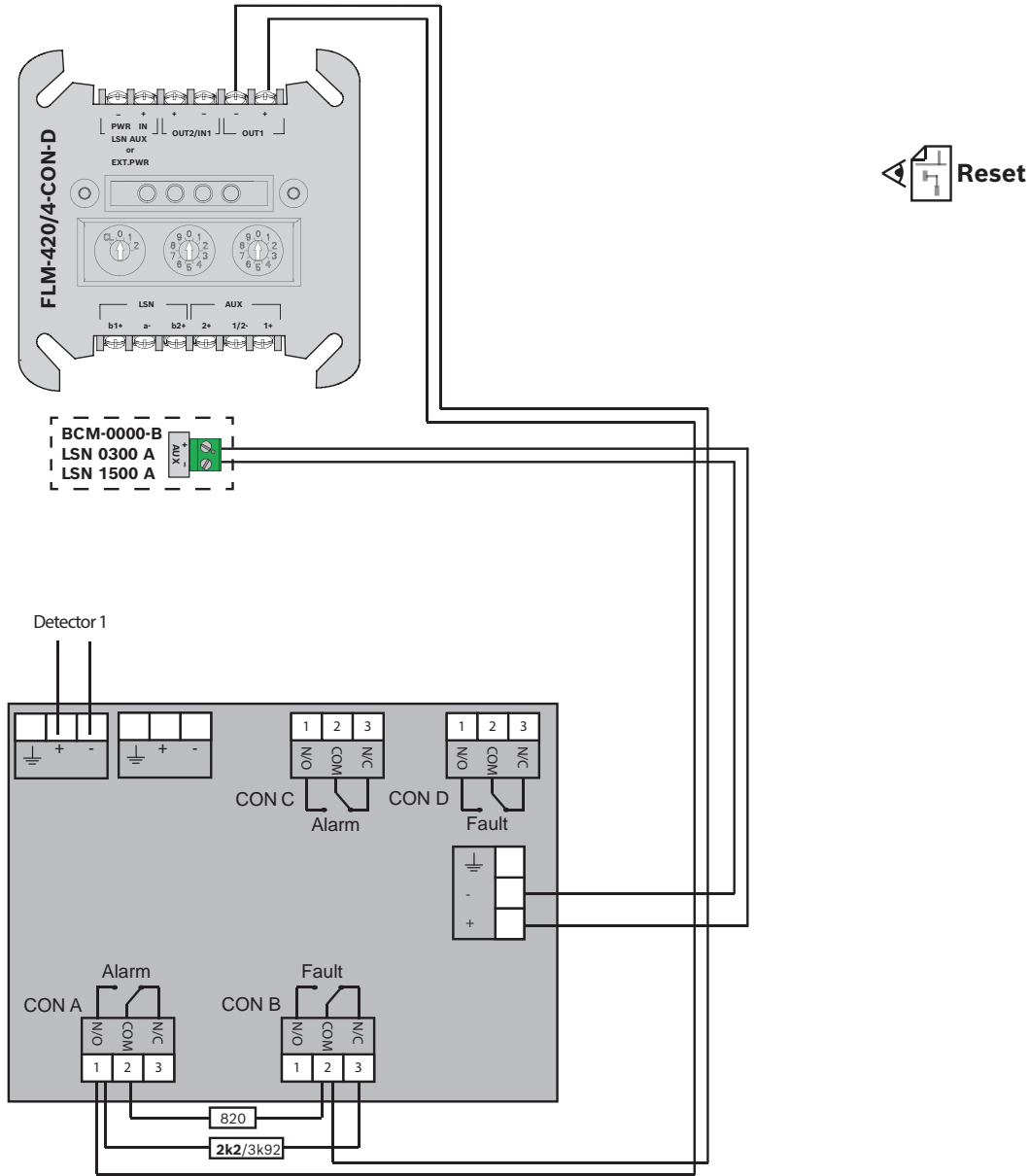
2 x **OUT1+2**





FIRERAY5000

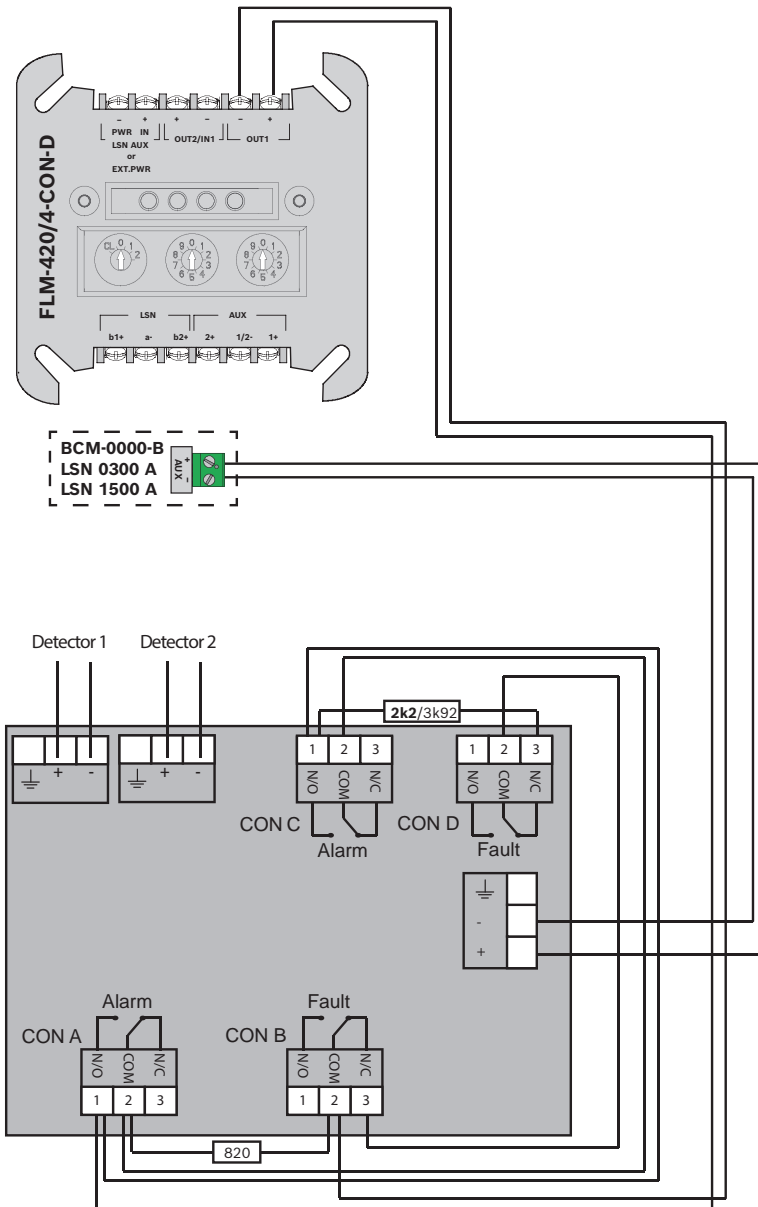
1 x 

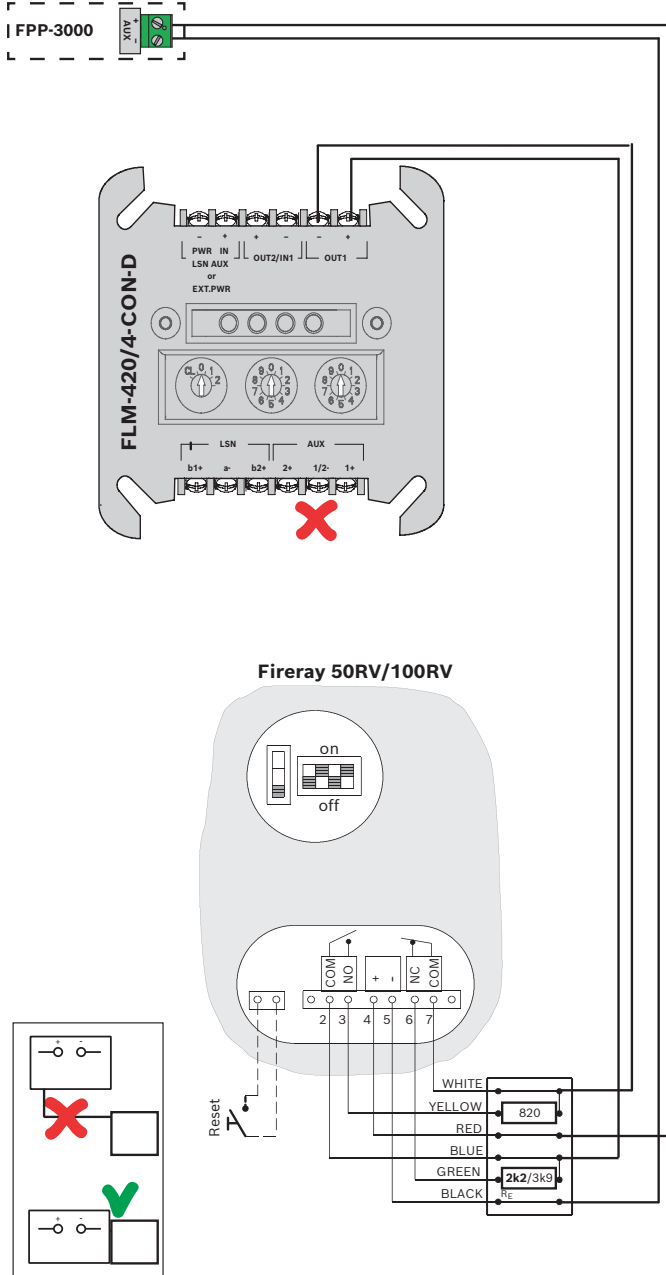




FIRERAY5000

2 x OUT1

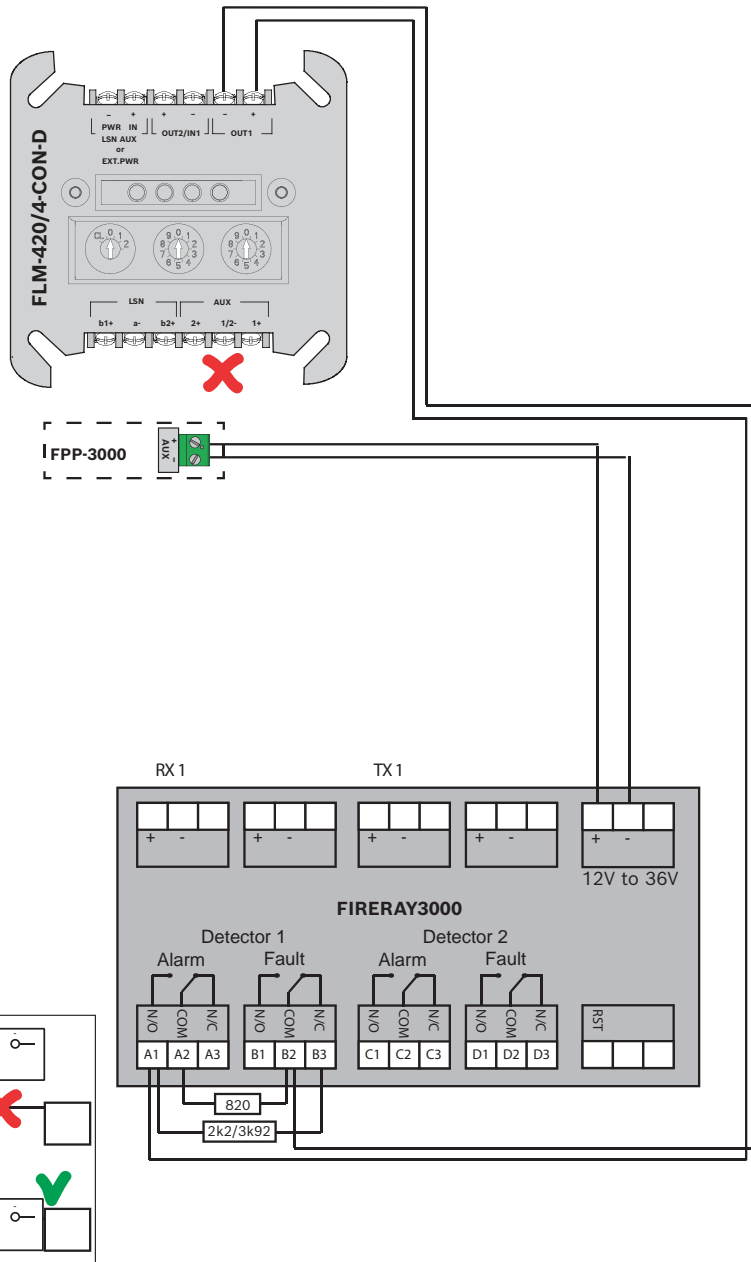




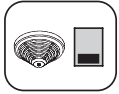


FIRERAY3000

1 x

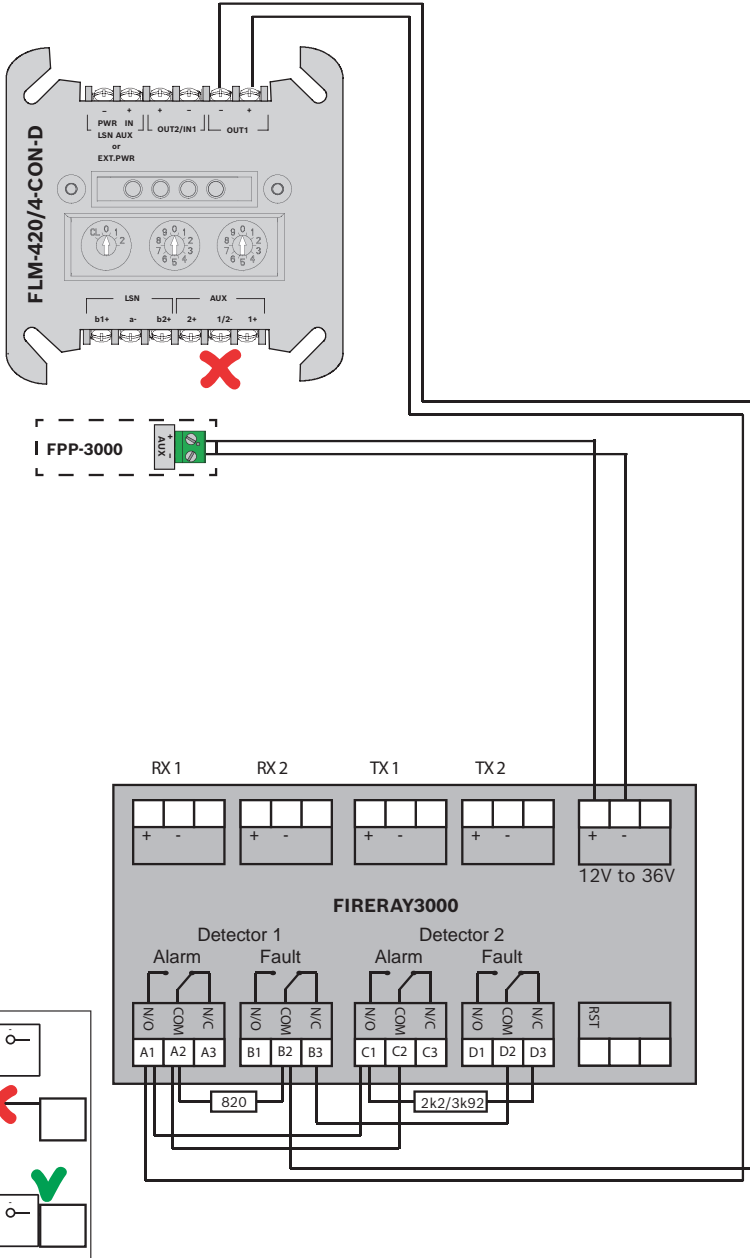


Reset action

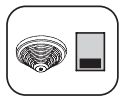


FIRERAY3000

2 x  **OUT1**

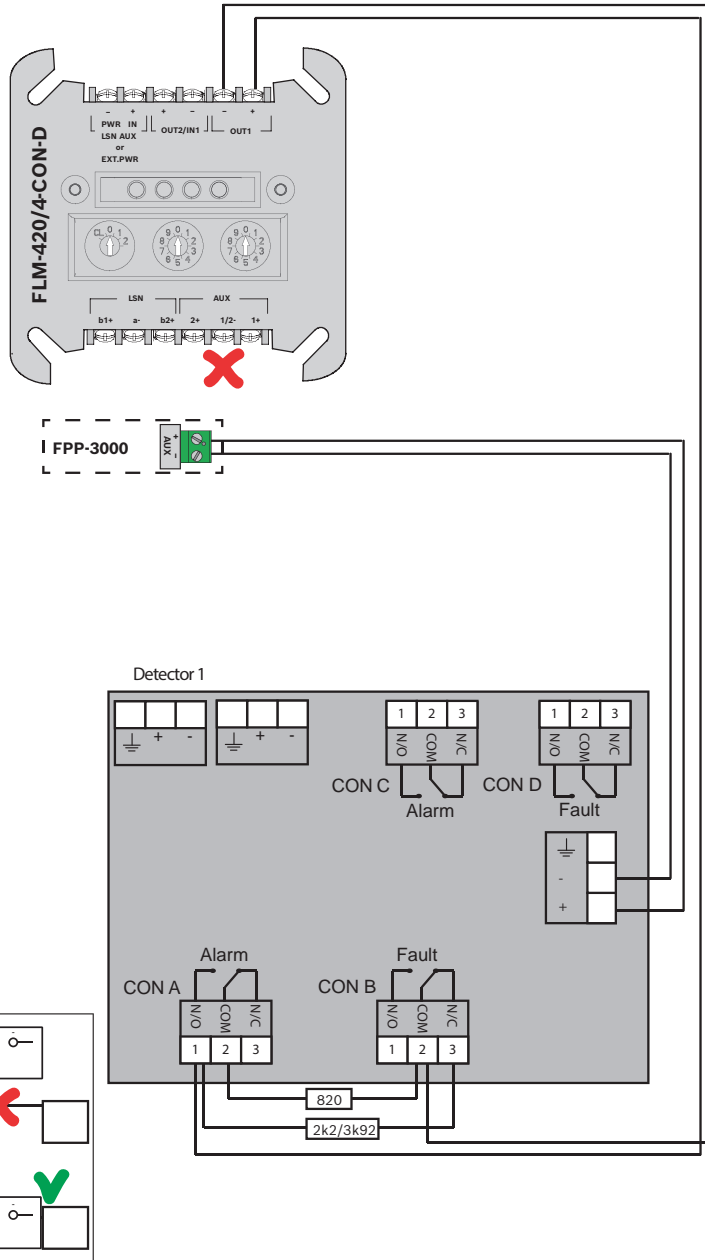


 **Reset action**



FIRERAY5000

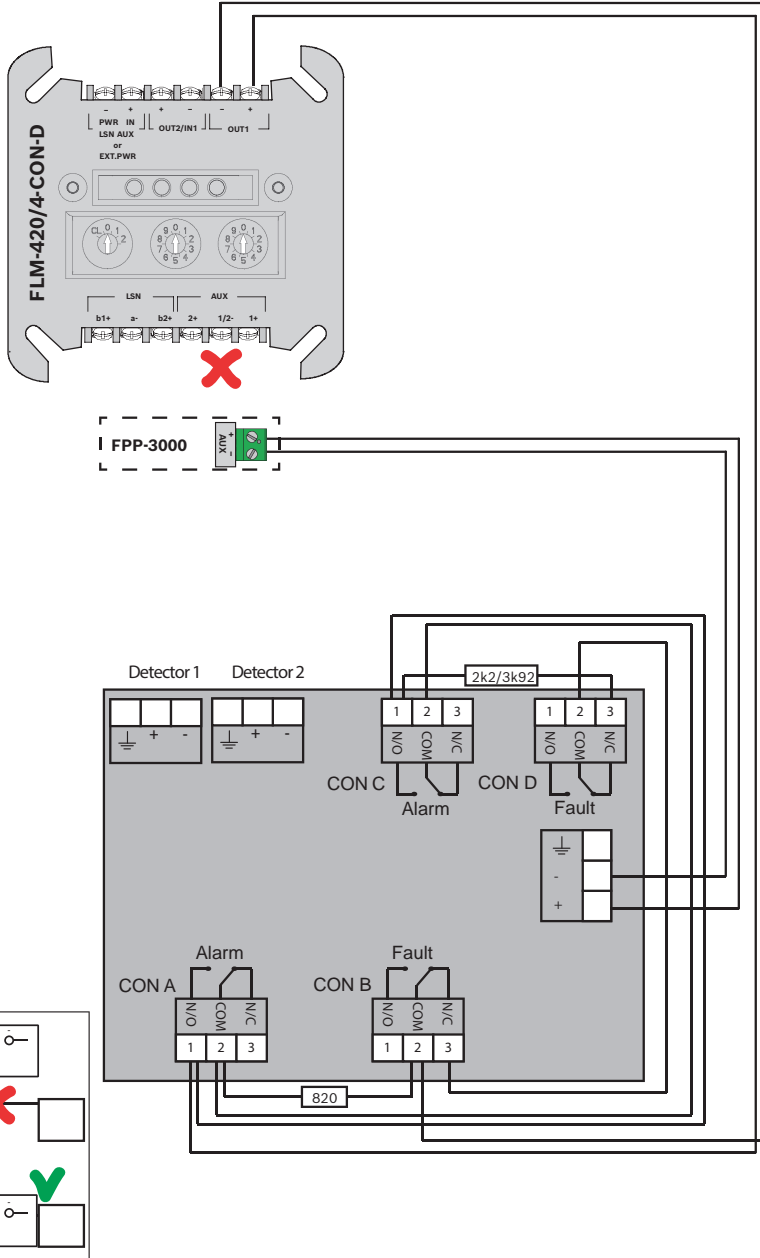
1 x



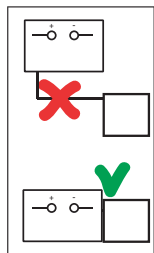


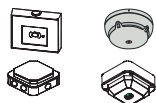
FIRERAY5000

2 x OUT1

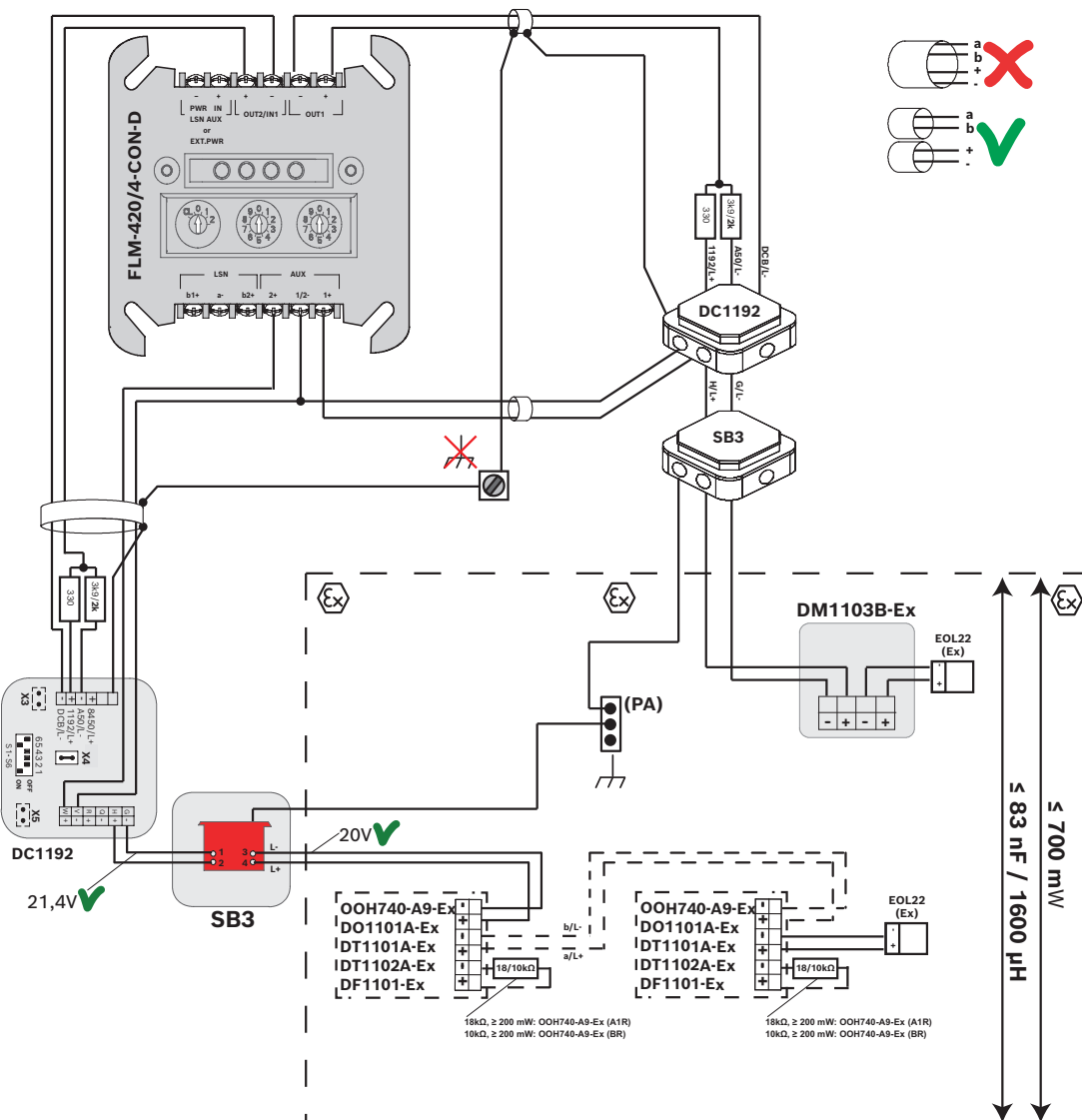


Reset action



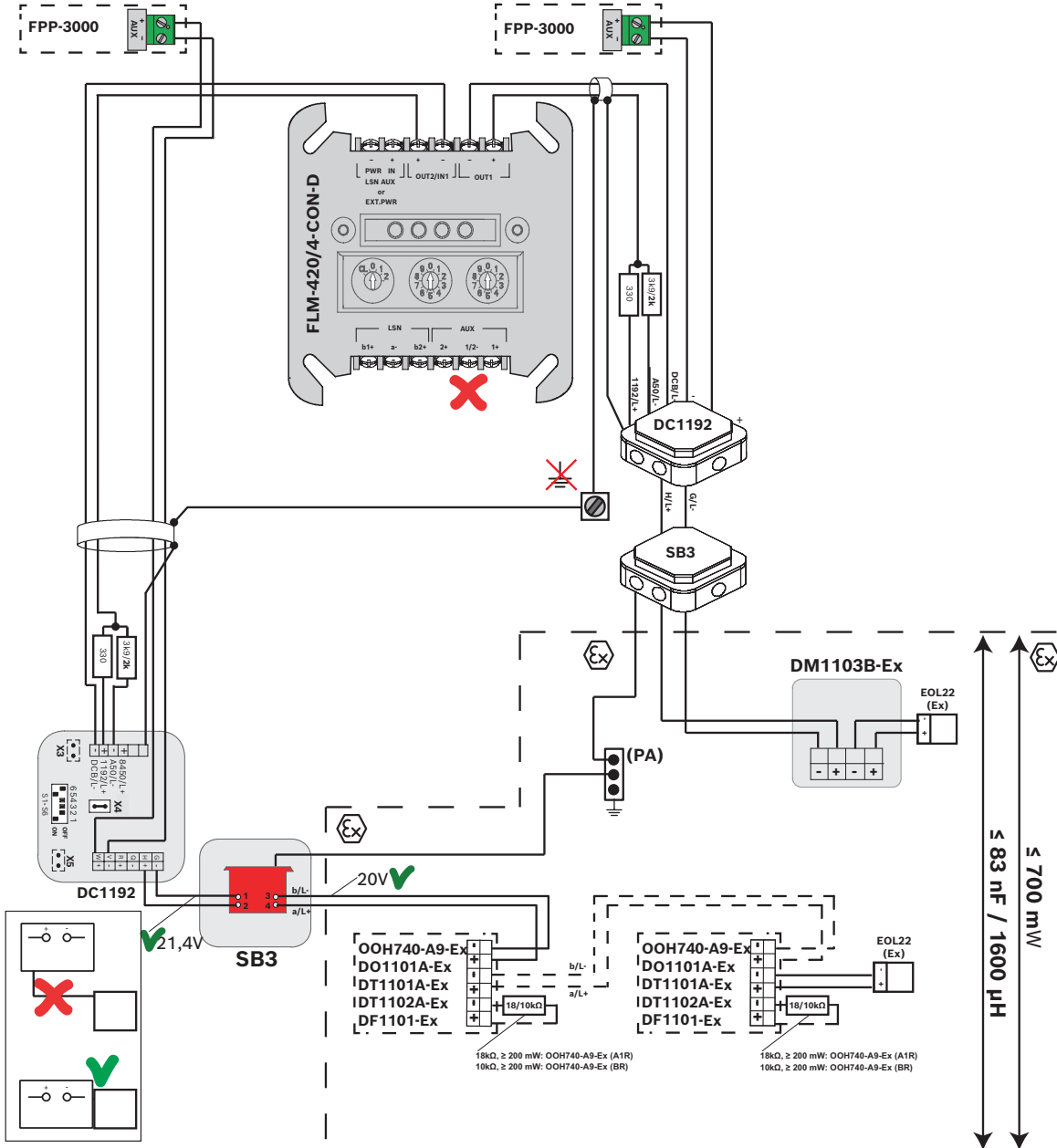


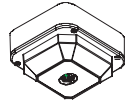
DC1192, SB3
OOH740-A9-Ex
DO1101A-Ex
DT1101A-Ex-
/DT1102A-Ex
DF1101-Ex



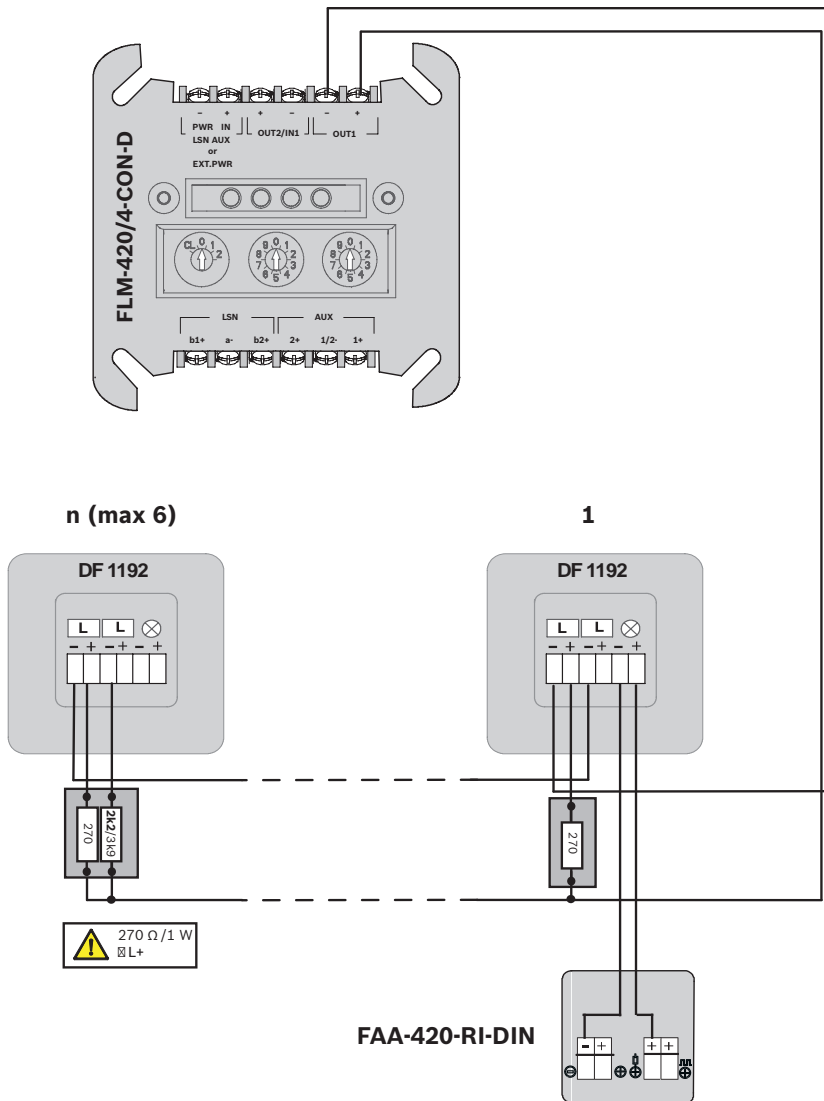


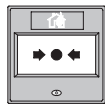
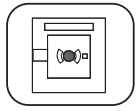
DC1192, SB3
 OOH740-A9-Ex
 DO1101A-Ex
 DT1101A-Ex/DT1102A-Ex
 DF1101-Ex
 DM1103B-Ex



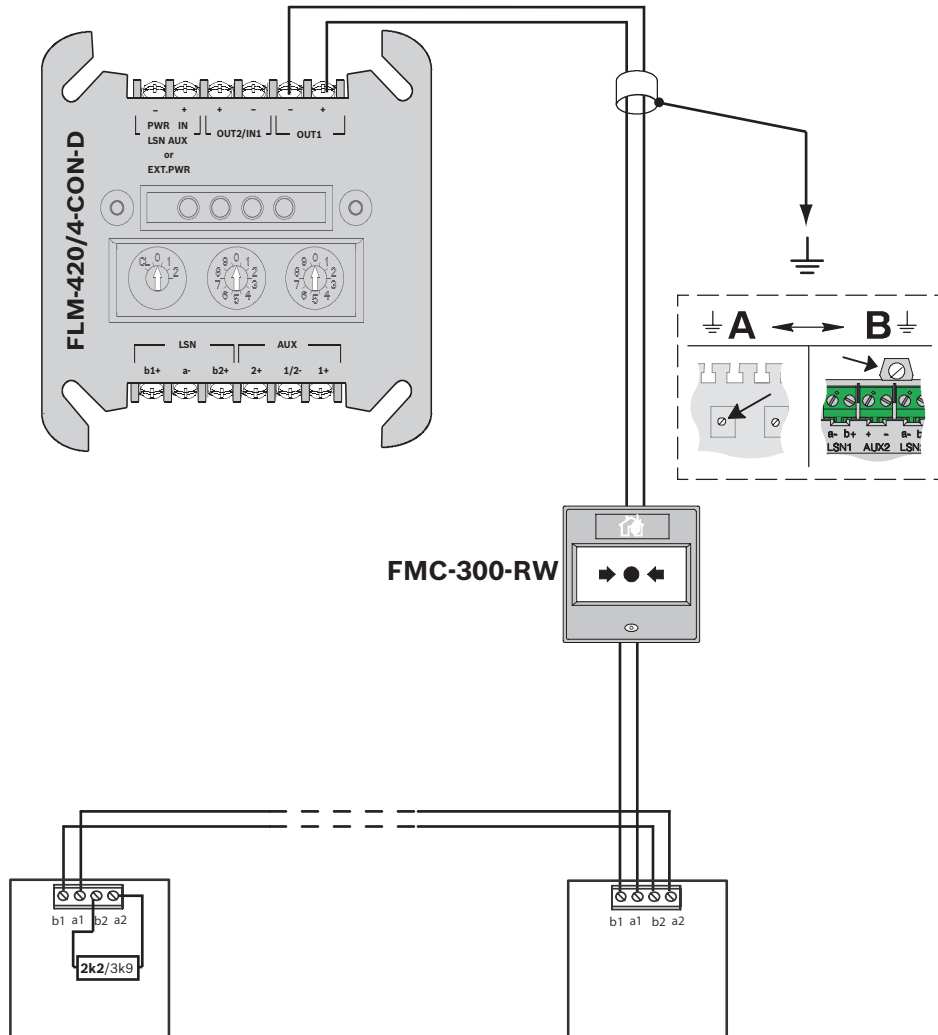
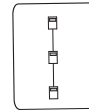


DF 1192



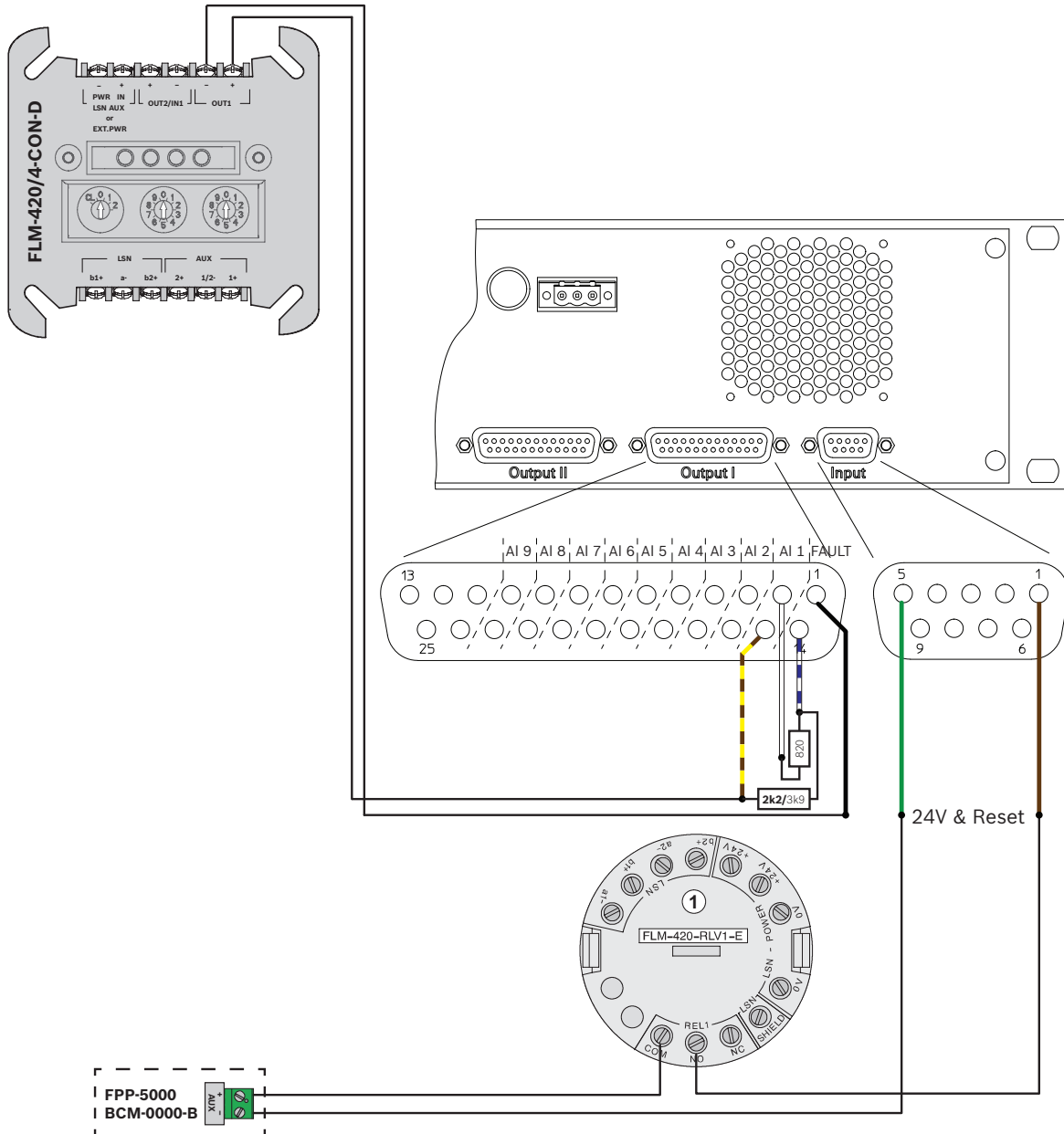


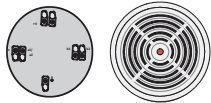
FMC-300-RW



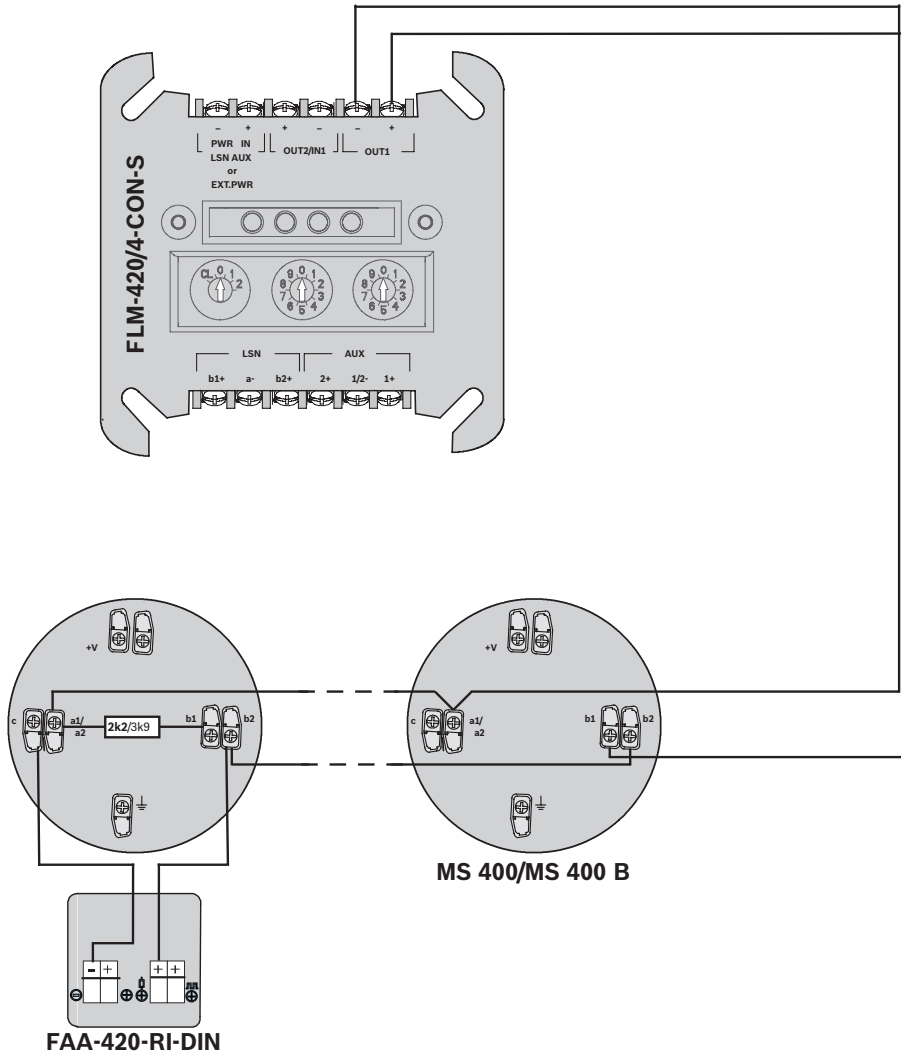


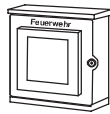
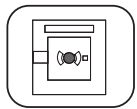
N4387A



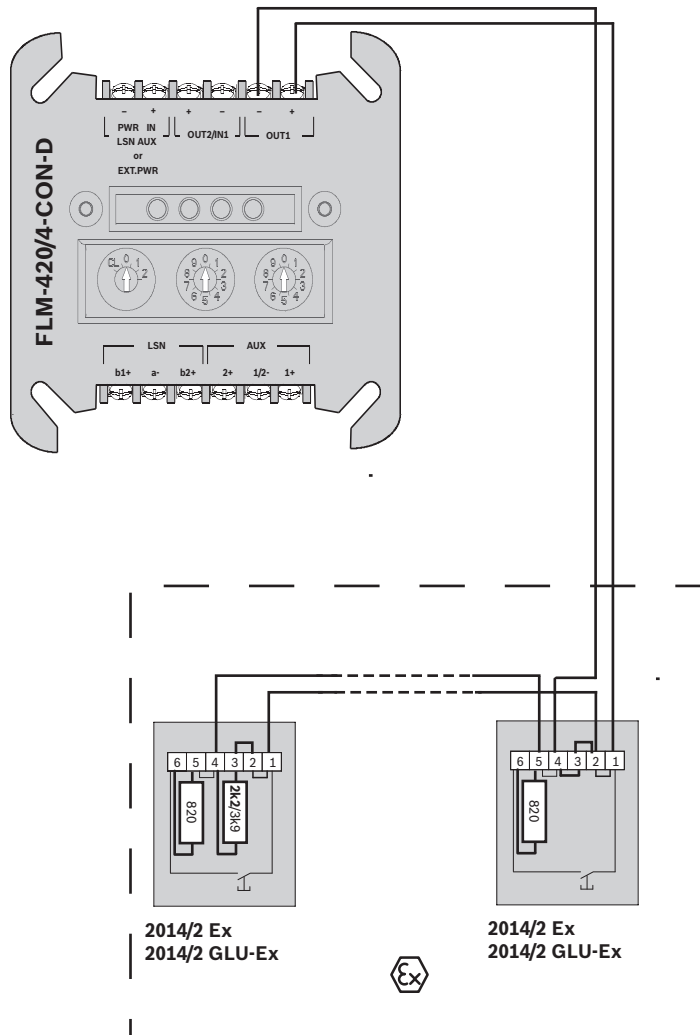
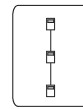


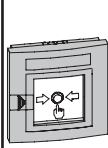
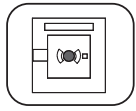
MSS 400, MSS 400 B
 FCH-320-T320
 FCH-T320-R470, FCH-T320-FSA
 FCP-O320, FCP-O320-R470
 FCP-OC320, FCP-OC320-R470
 FCP-OT320, FCP-OT320-R470



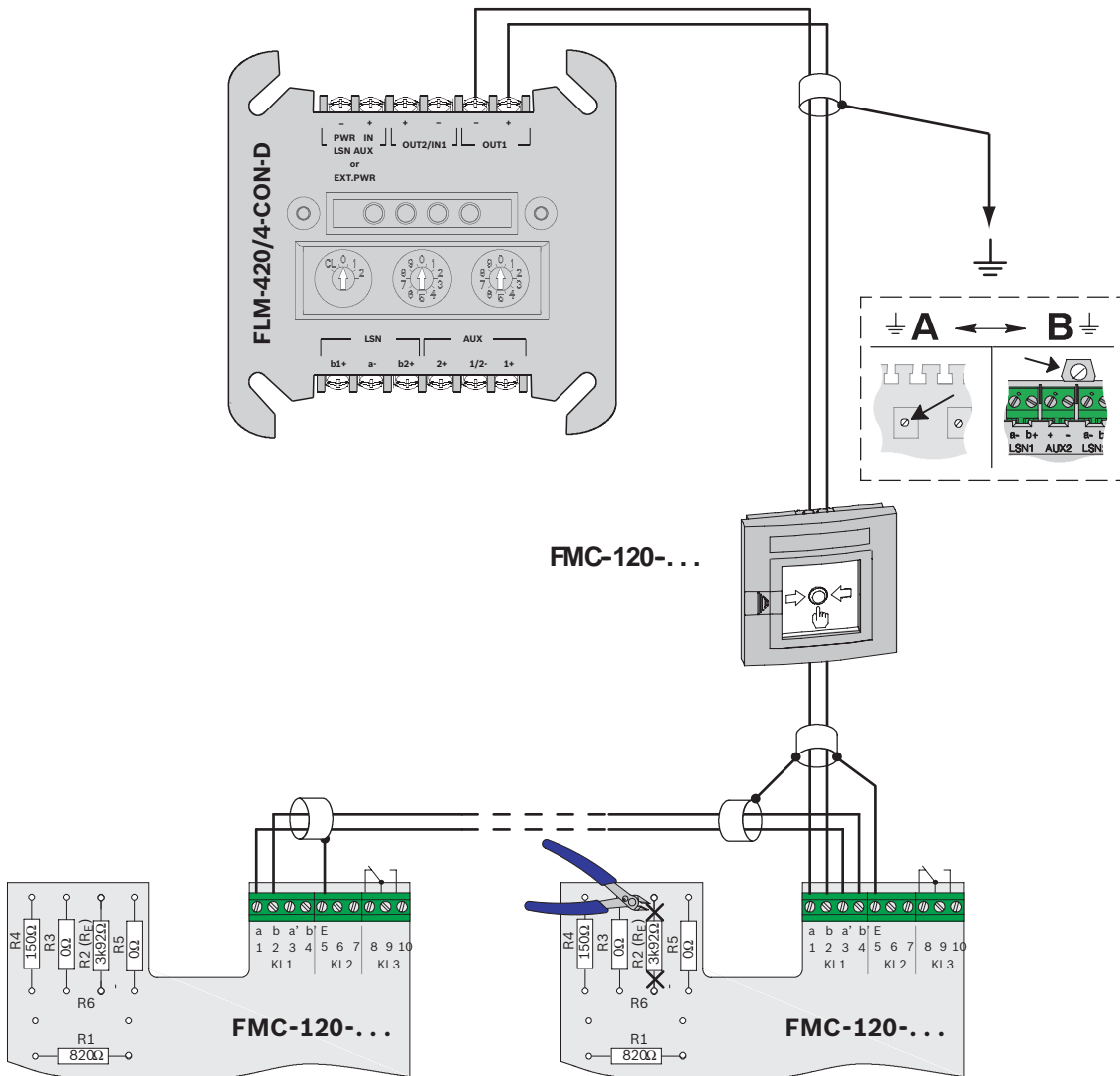
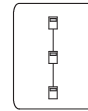


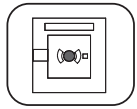
2014/2 Ex
2014/2 GLU-Ex



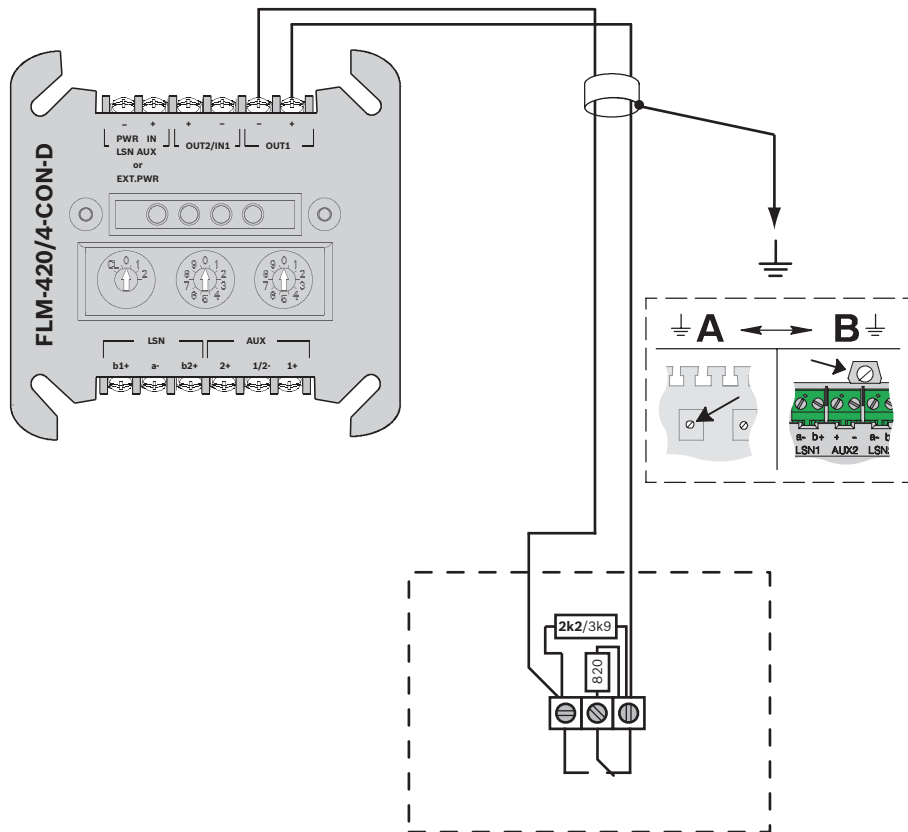
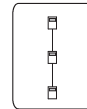


FMC-120-DKM-G-R FMC-120-DKM-G-Y
 FMC-120-DKM-H-R FMC-120-EST-G-B
 FMC-120-DKM-G-B
 FMC-120-DKM-H-B



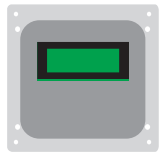


NO



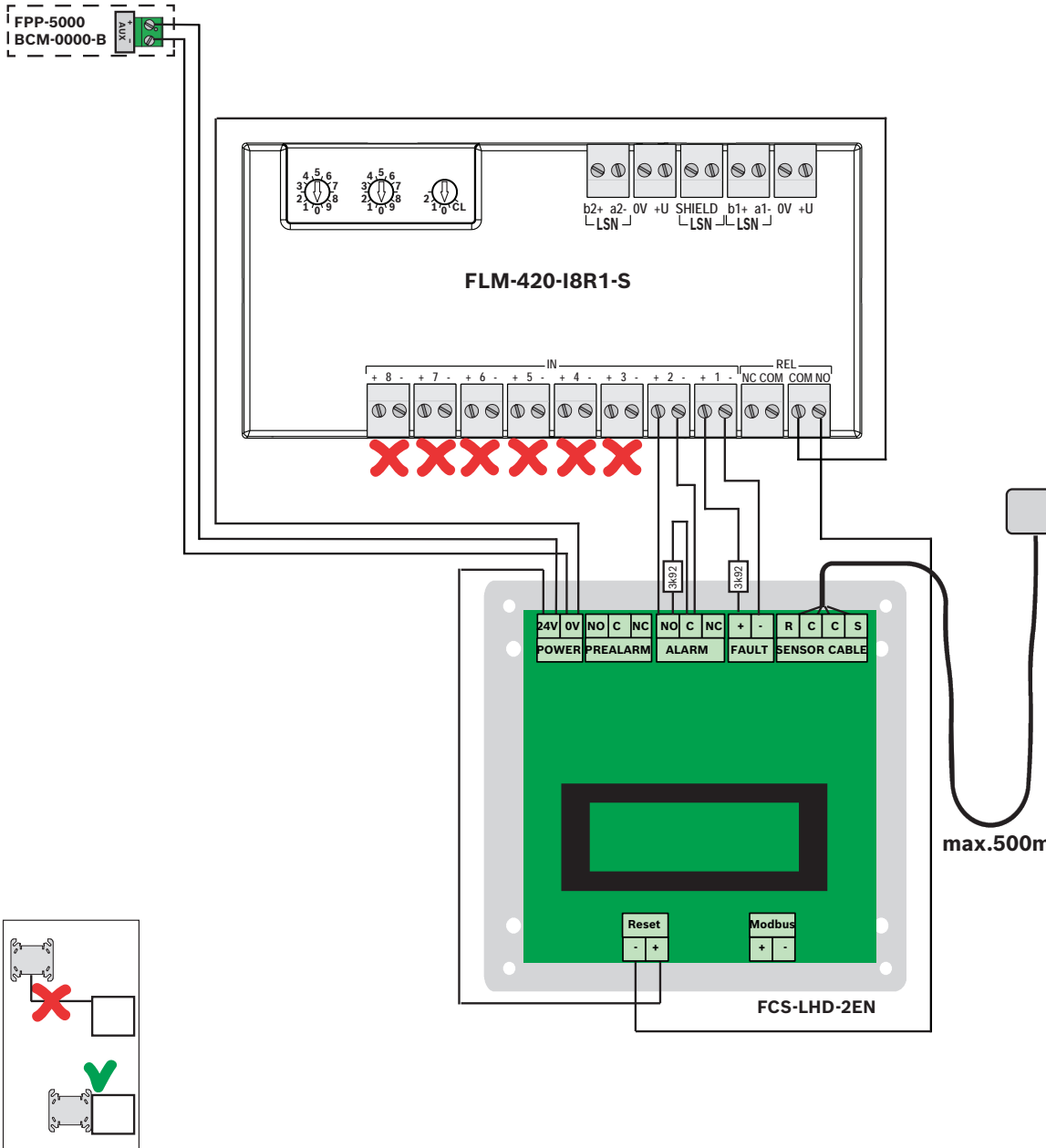
2.5.2

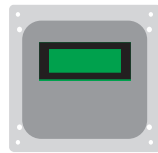
FLM-420-I8R1-S



ProReact EN Analogue

FCS-LHD-2EN





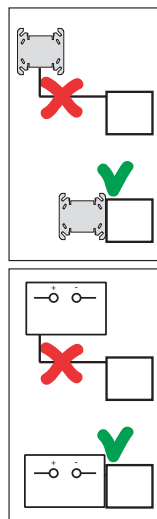
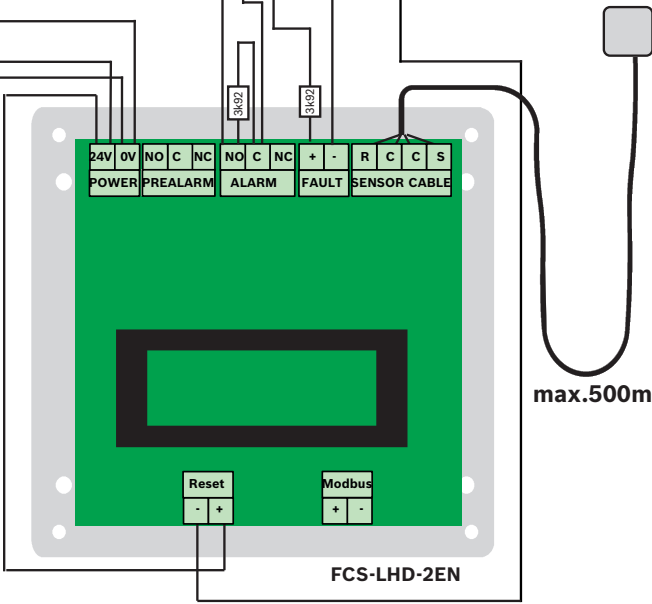
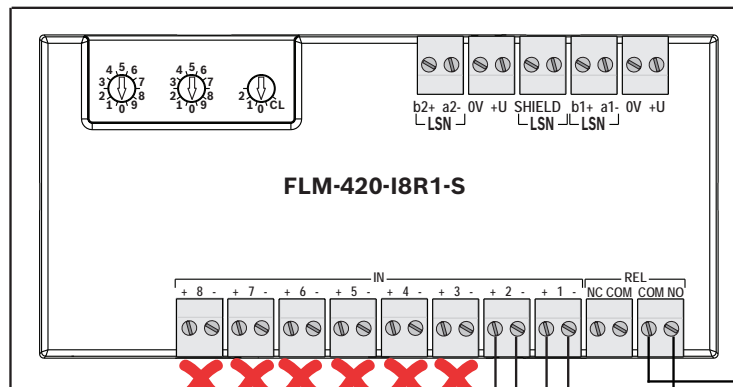
ProReact EN Analogue

FCS-LHD-2EN

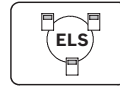


ELS

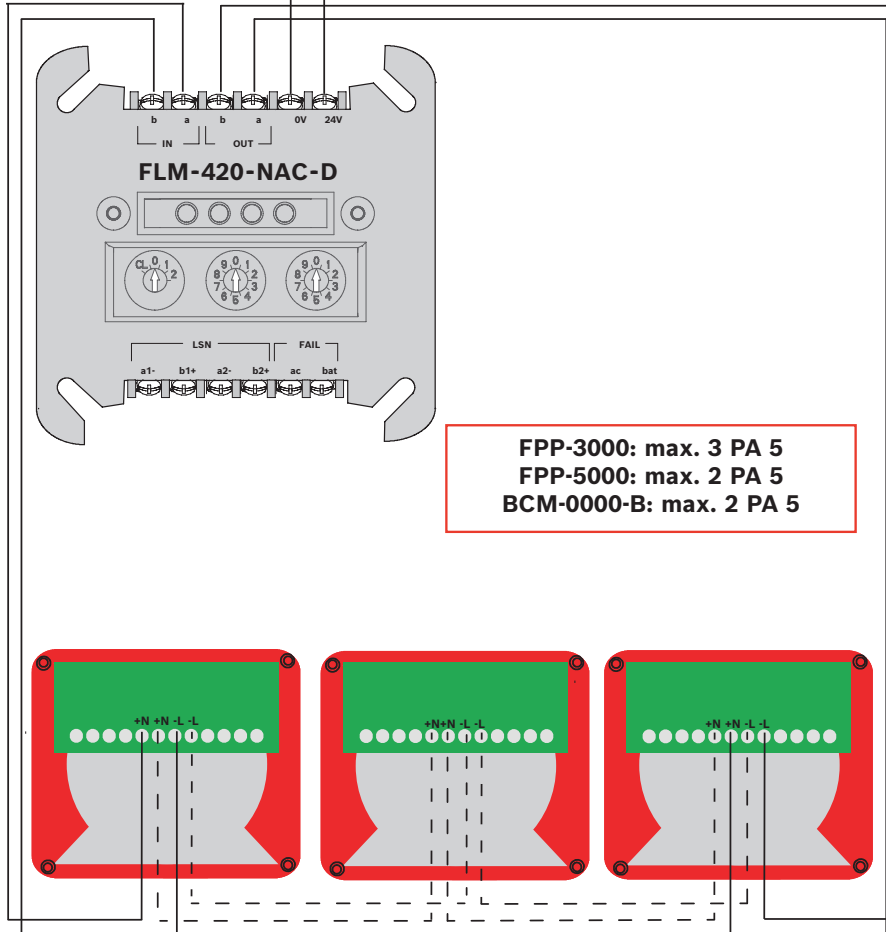
FPP-3000(ZSP135-DR)
FPP-5000
BCM-0000-B



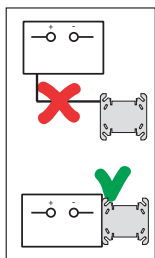
2.5.3 FLM-420-NAC-D/S



FPP-3000(ZSP135-DR)
FPP-5000
BCM-0000-B

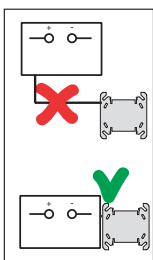
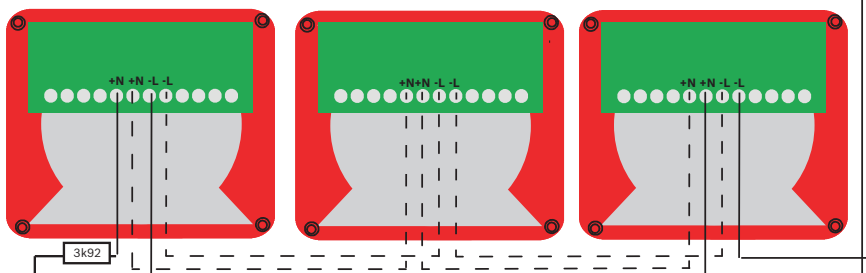
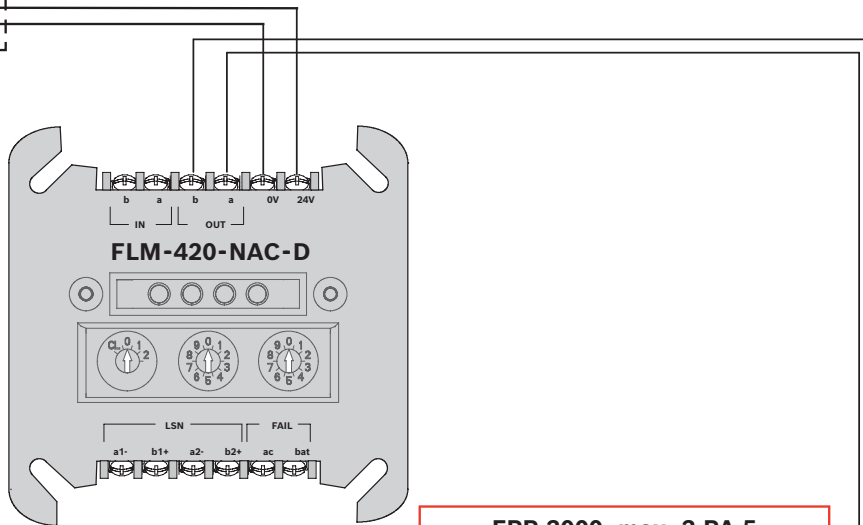


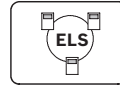
FPP-3000: max. 3 PA 5
FPP-5000: max. 2 PA 5
BCM-0000-B: max. 2 PA 5



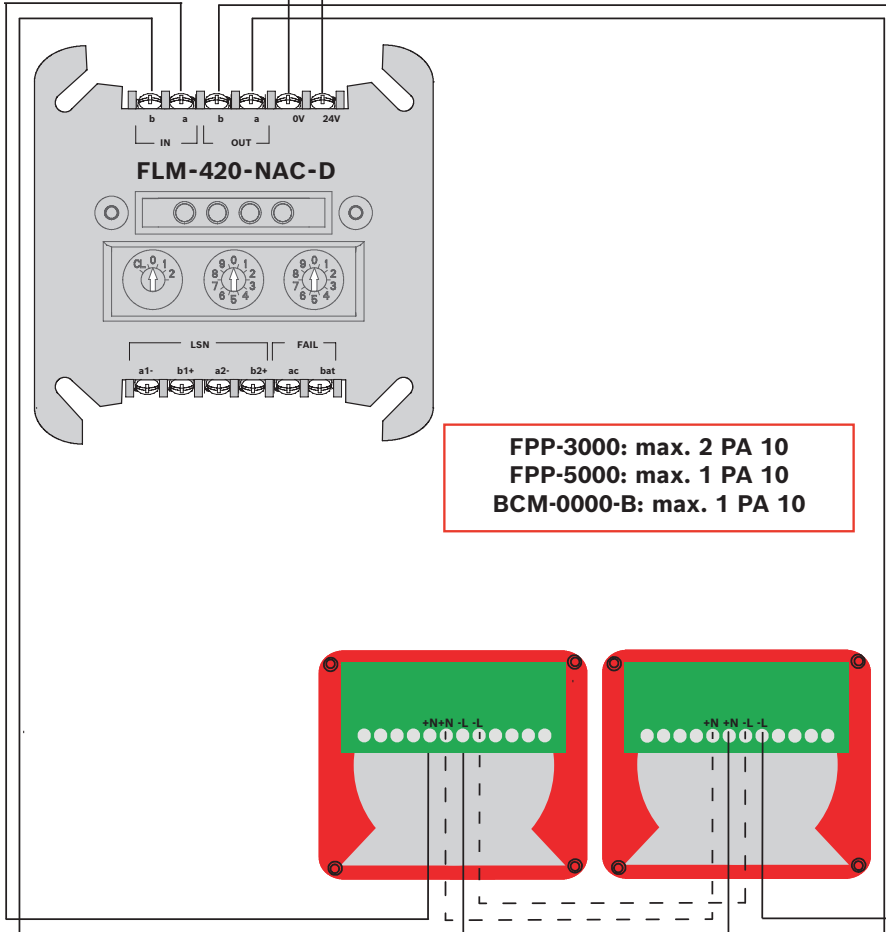


FPP-3000
FPP-5000
BCM-0000-B

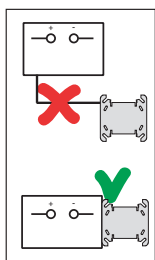




FPP-3000(ZSP135-DR)
FPP-5000
BCM-0000-B

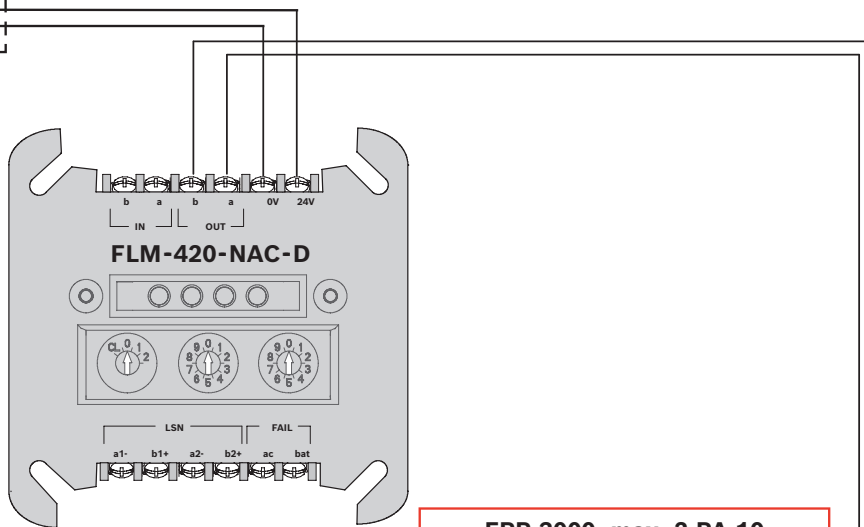


FPP-3000: max. 2 PA 10
FPP-5000: max. 1 PA 10
BCM-0000-B: max. 1 PA 10

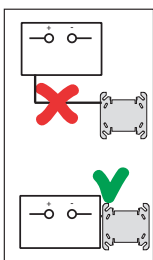
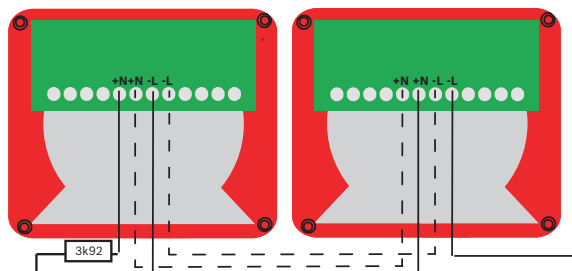


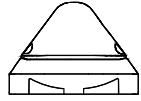


FPP-3000
FPP-5000
BCM-0000-B

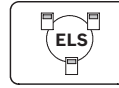


FPP-3000: max. 2 PA 10
FPP-5000: max. 1 PA 10
BCM-0000-B: max. 1 PA 10

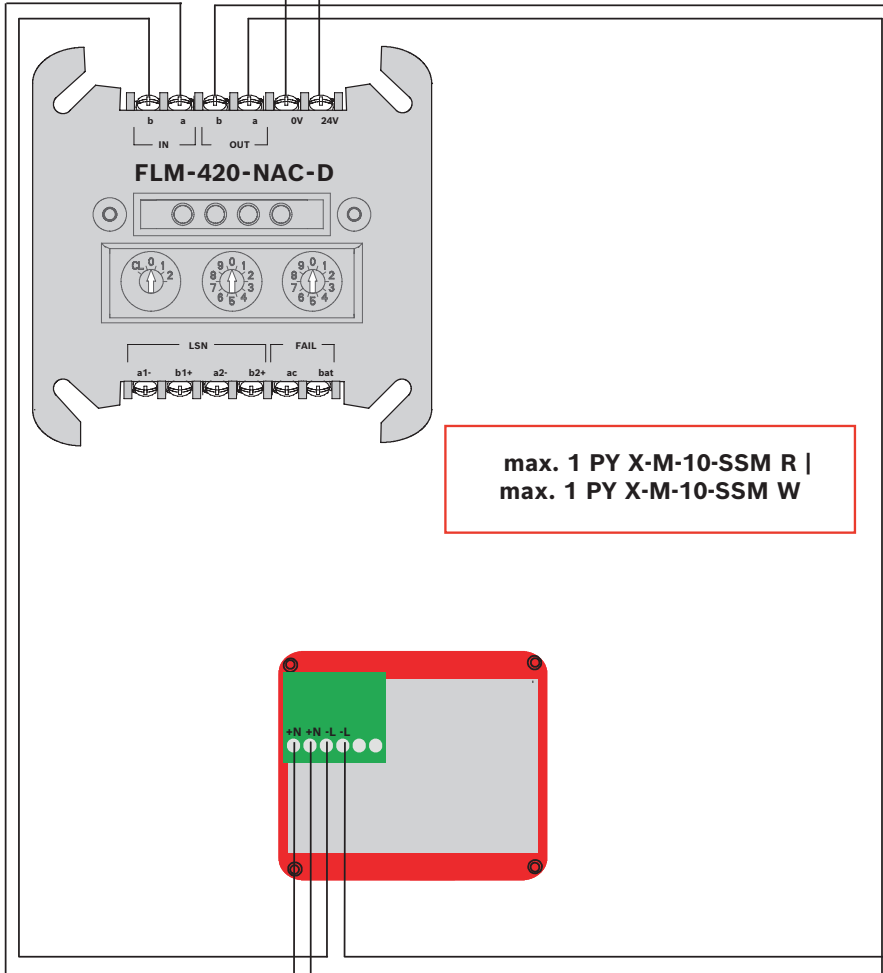




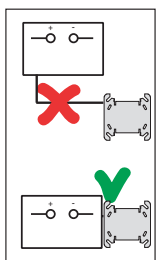
PY X-M-10-SSM R
PY X-M-10-SSM W

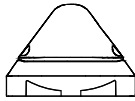


FPP-3000(ZSP-135-DR)
FPP-5000
BCM-0000-B



max. 1 PY X-M-10-SSM R |
max. 1 PY X-M-10-SSM W

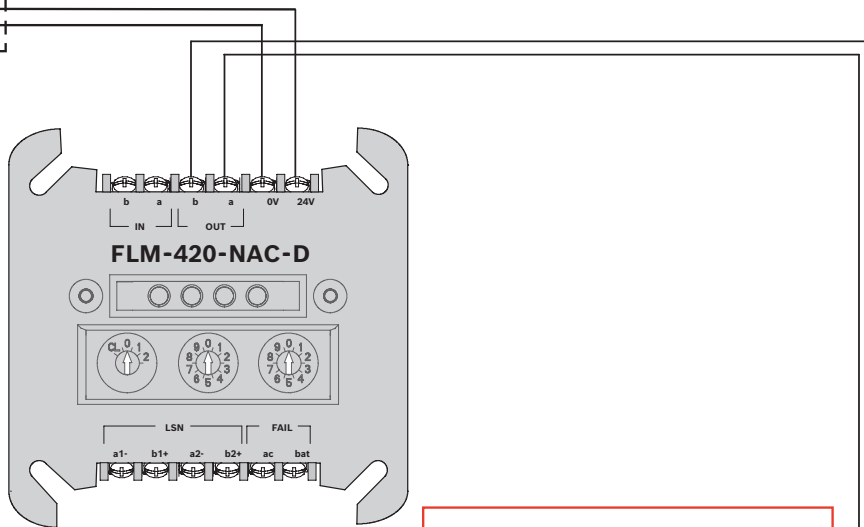




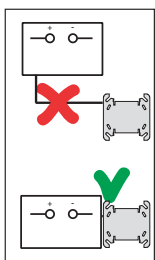
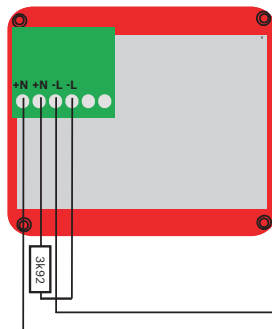
PY X-M-10-SSM R
PY X-M-10-SSM W



FPP-3000
FPP-5000
BCM-0000-B

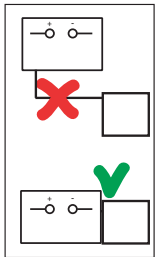
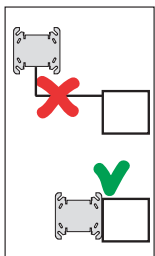
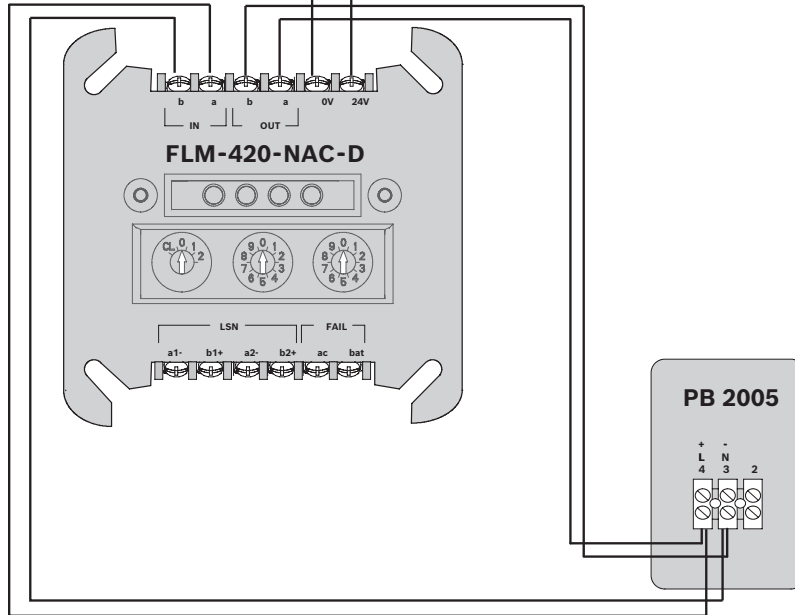
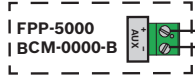
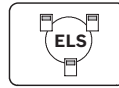


max. 1 PY X-M-10-SSM R |
max. 1 PY X-M-10-SSM W



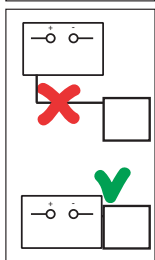
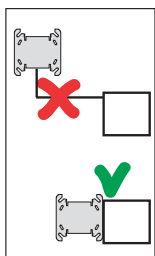
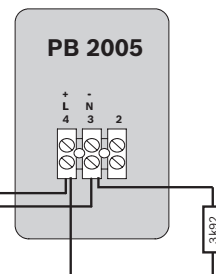
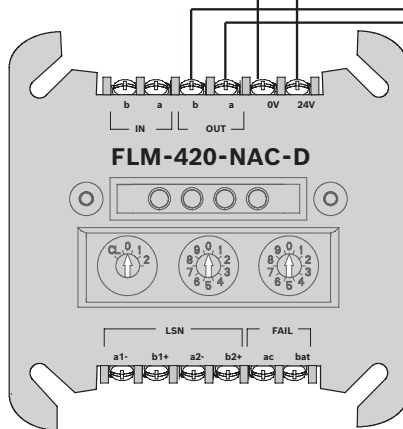


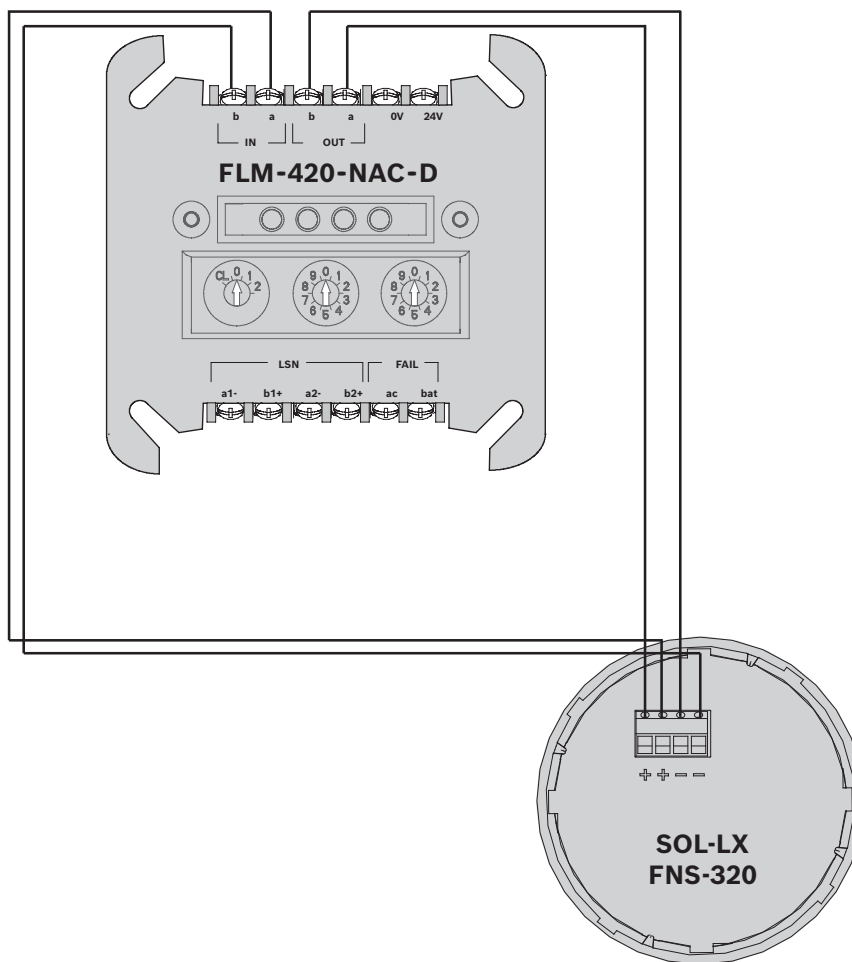
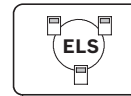
PB 2005

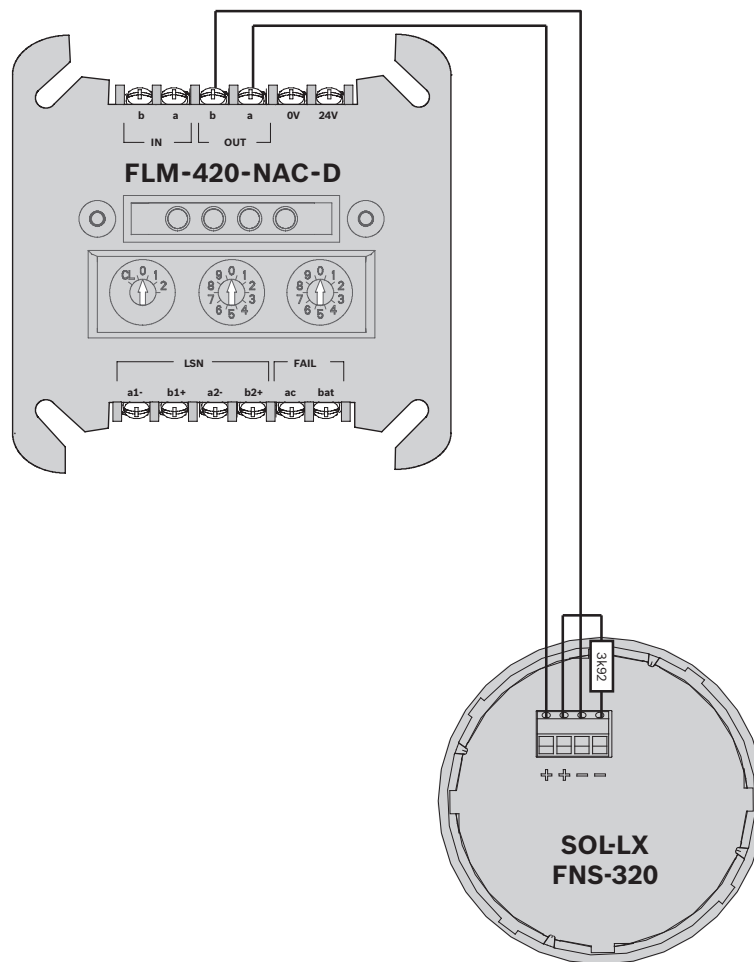
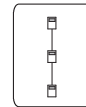


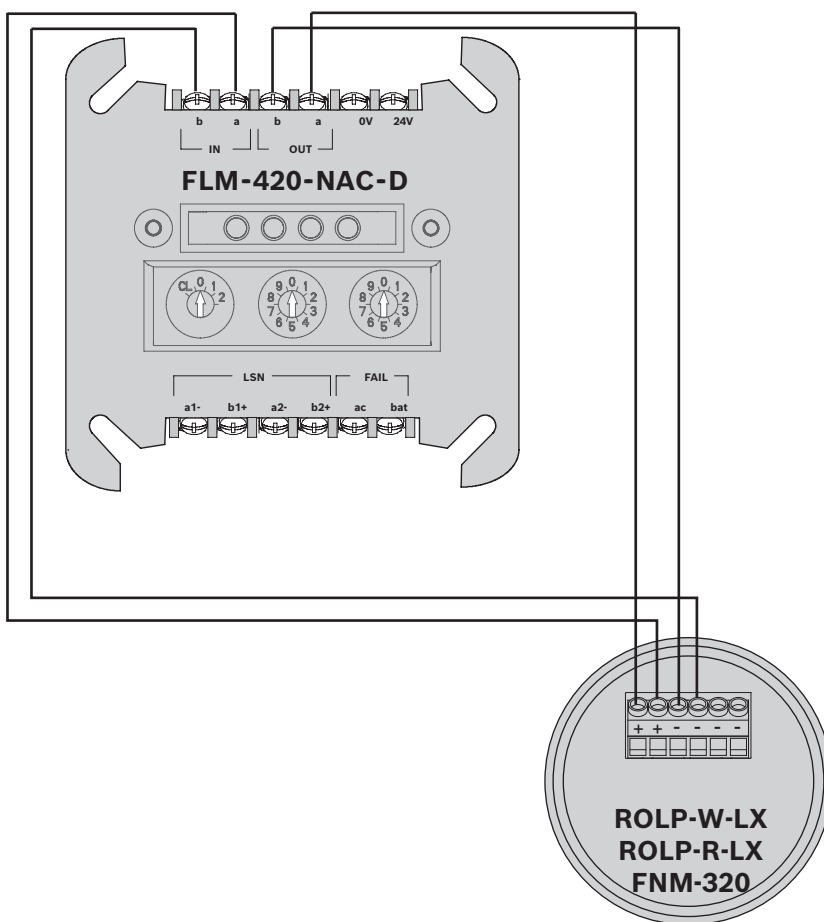
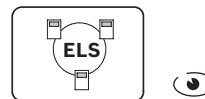


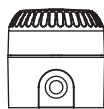
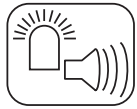
PB 2005



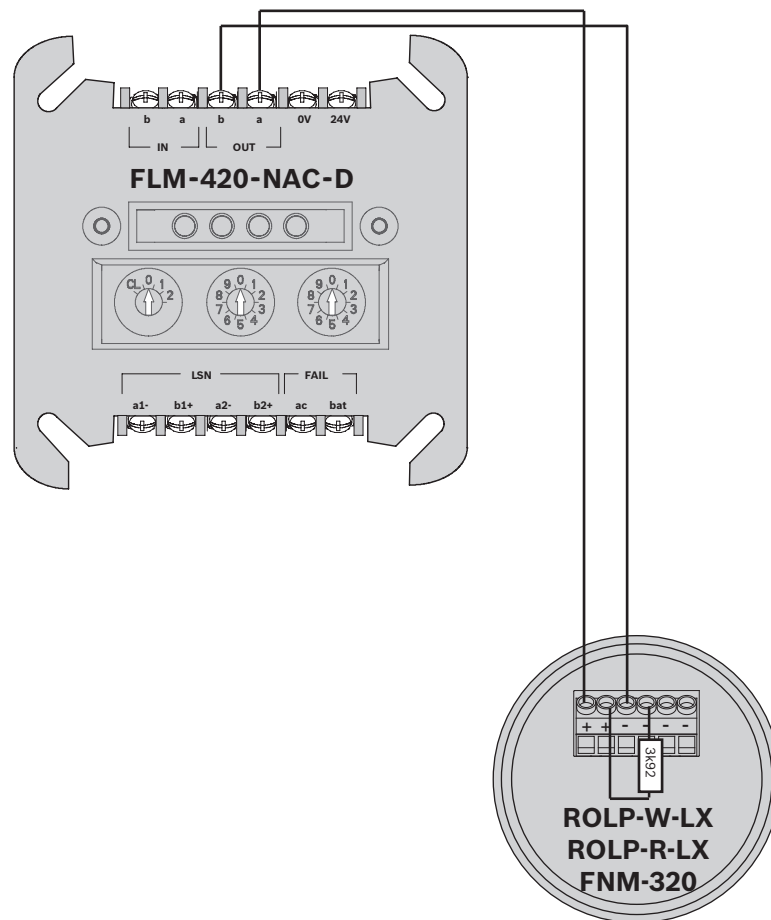
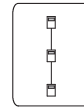




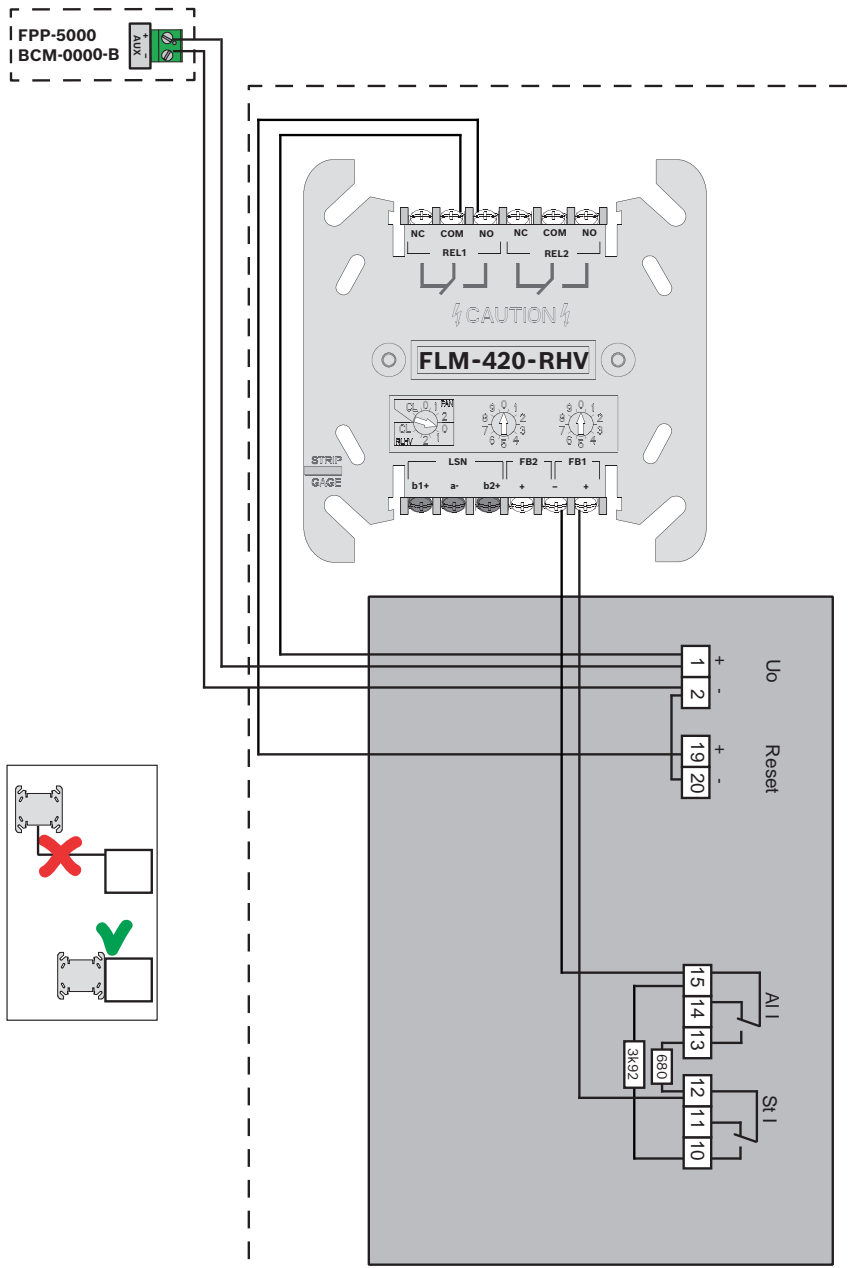




ROLP-W-LX
ROLP-R-LX
FNM-320

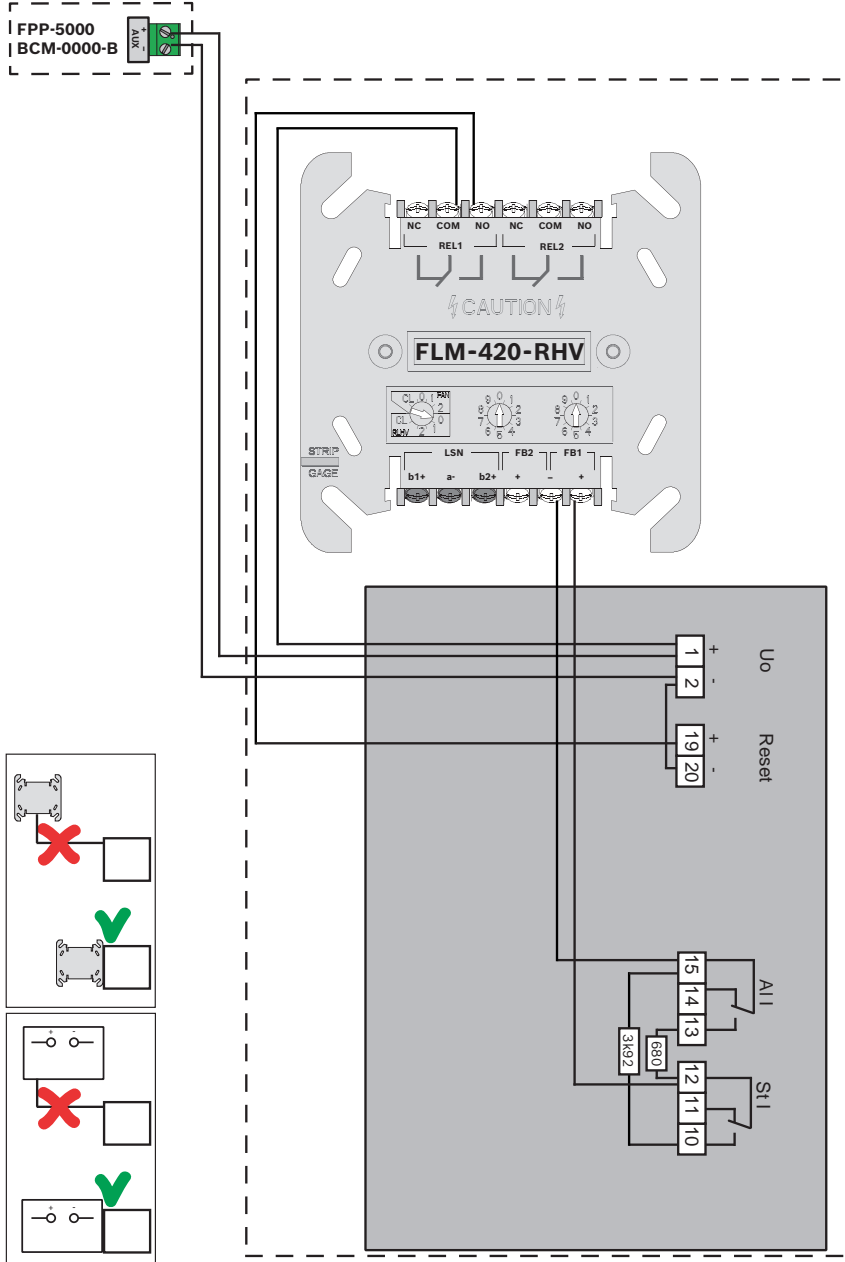


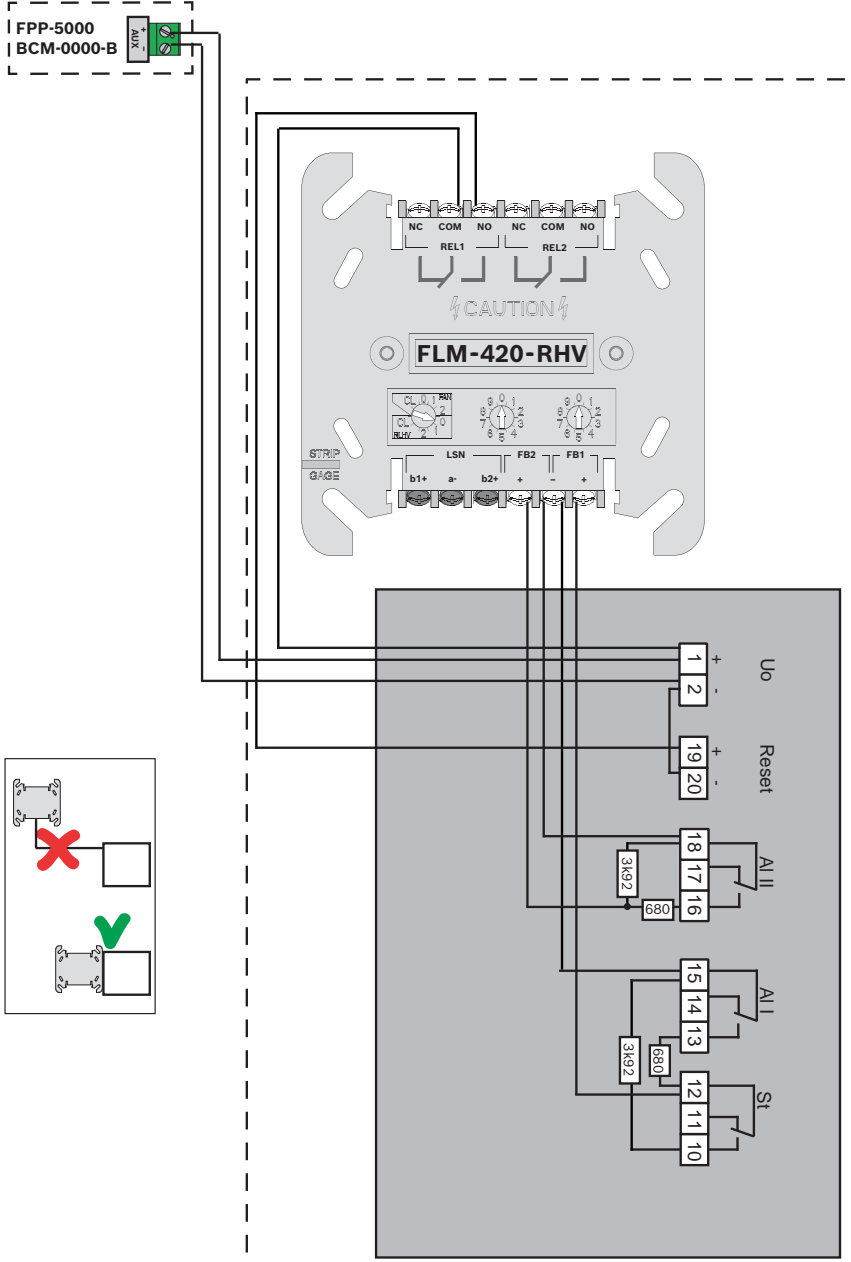
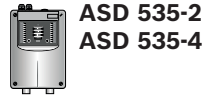
2.5.4 FLM-420-RHV





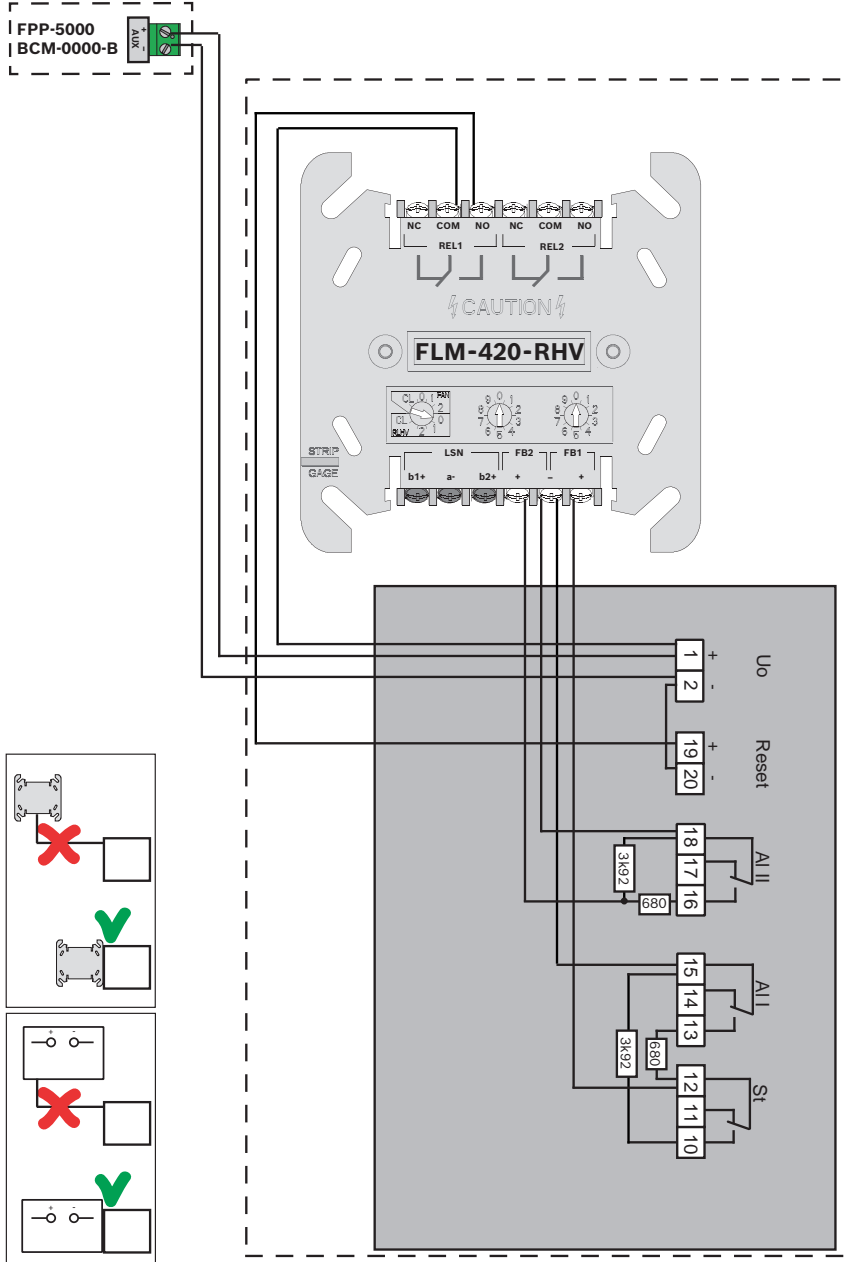
ELS

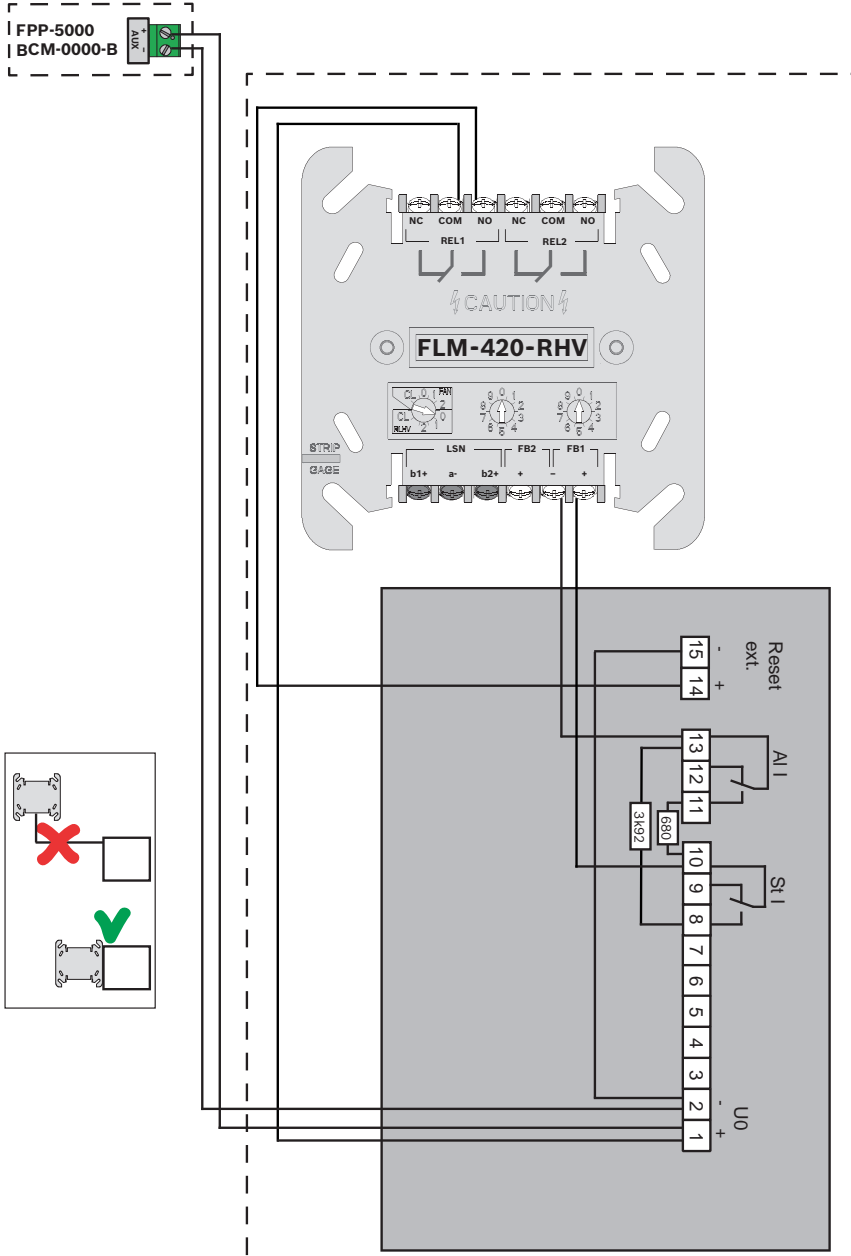






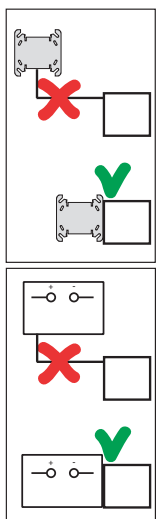
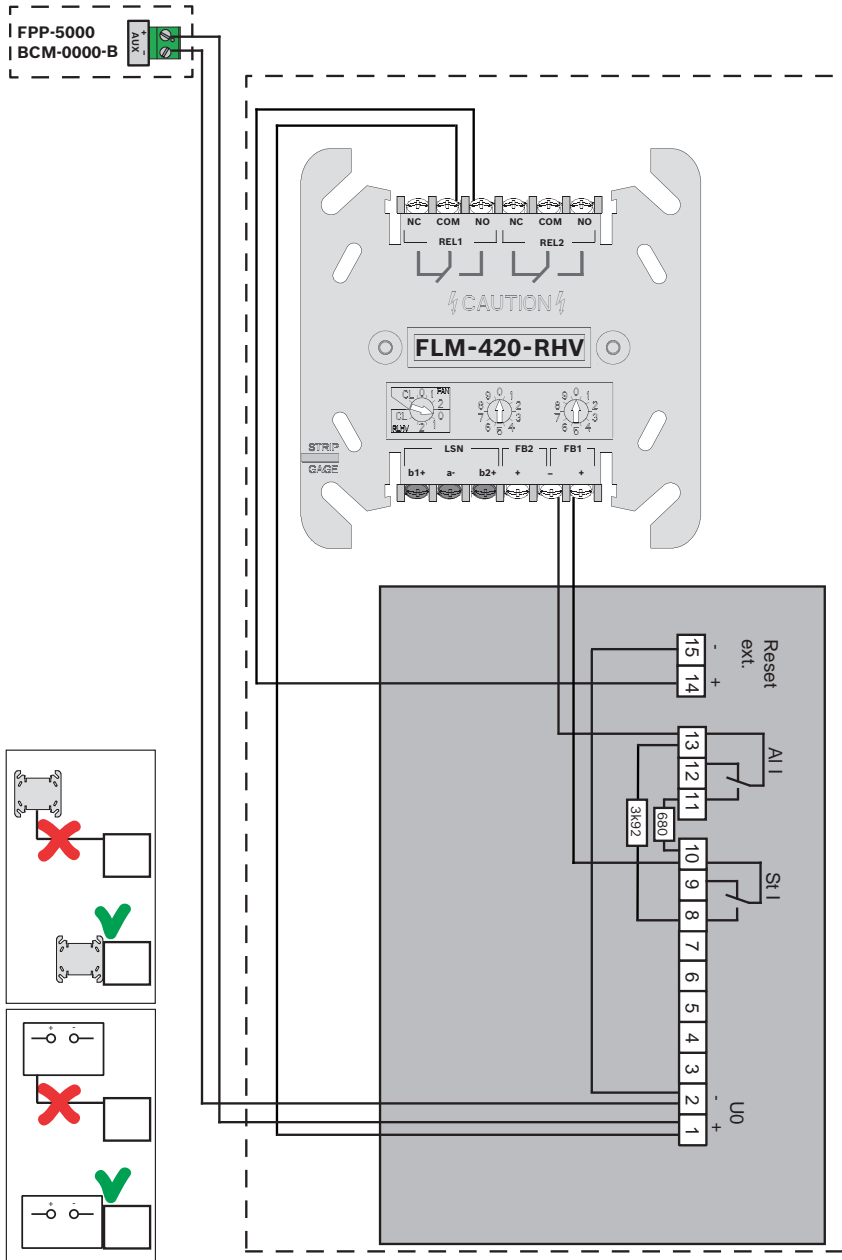
ELS





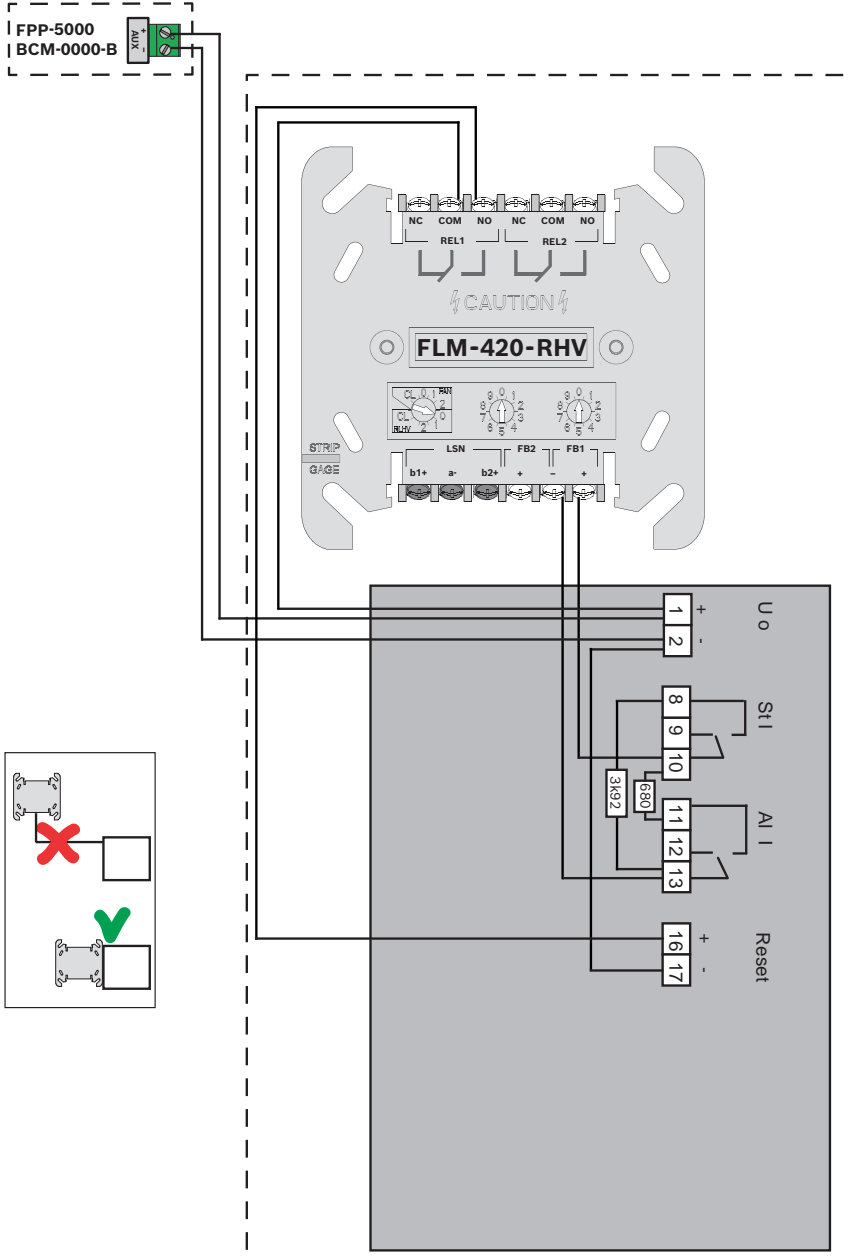


ELS





ADW 535-1

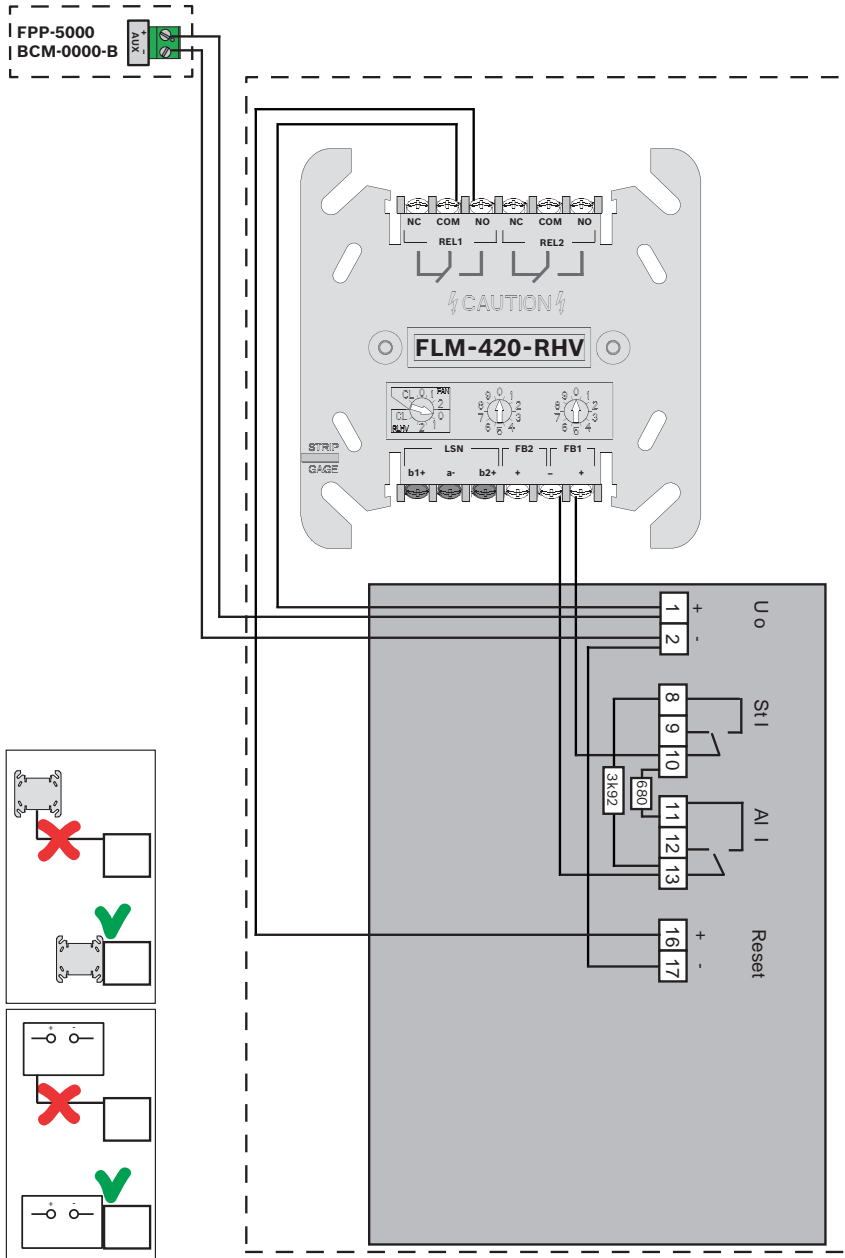




ADW 535-1

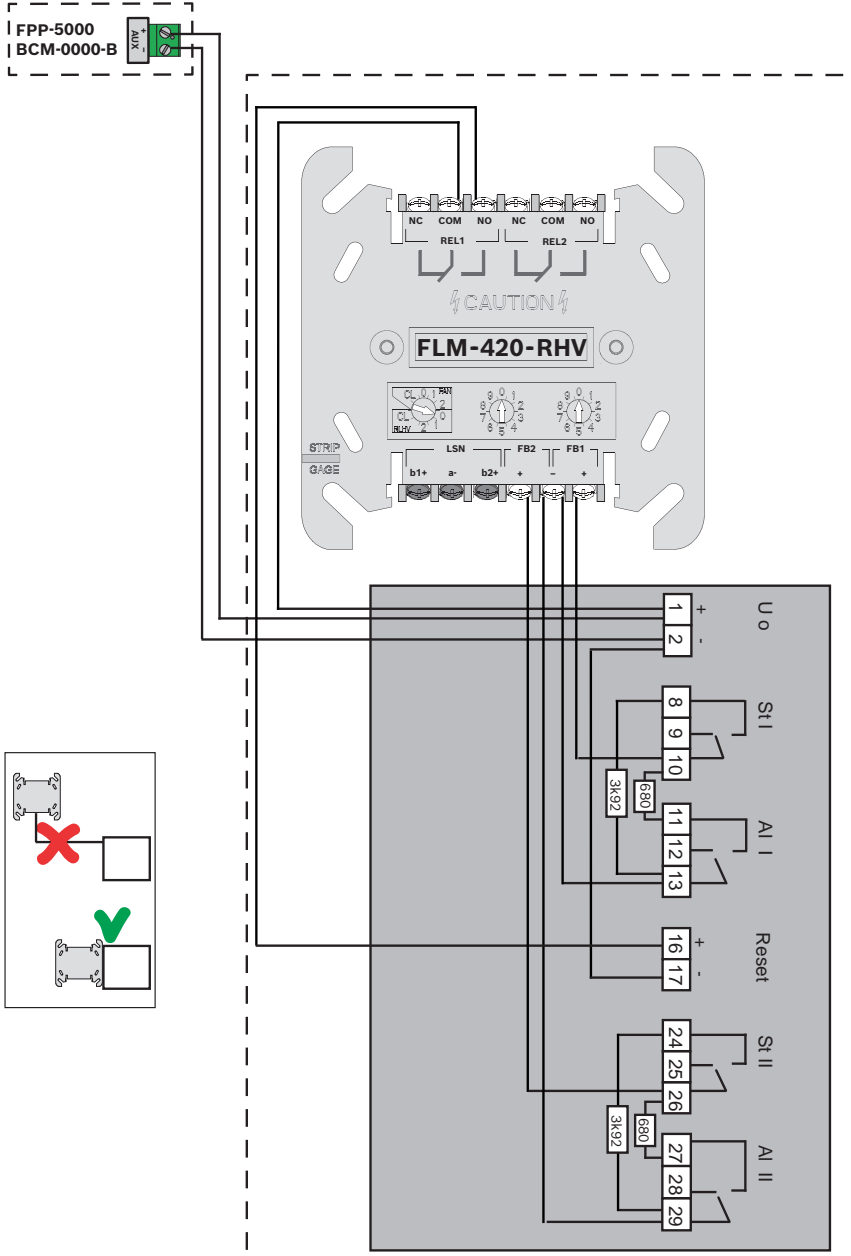


ELS





ADW 535-2

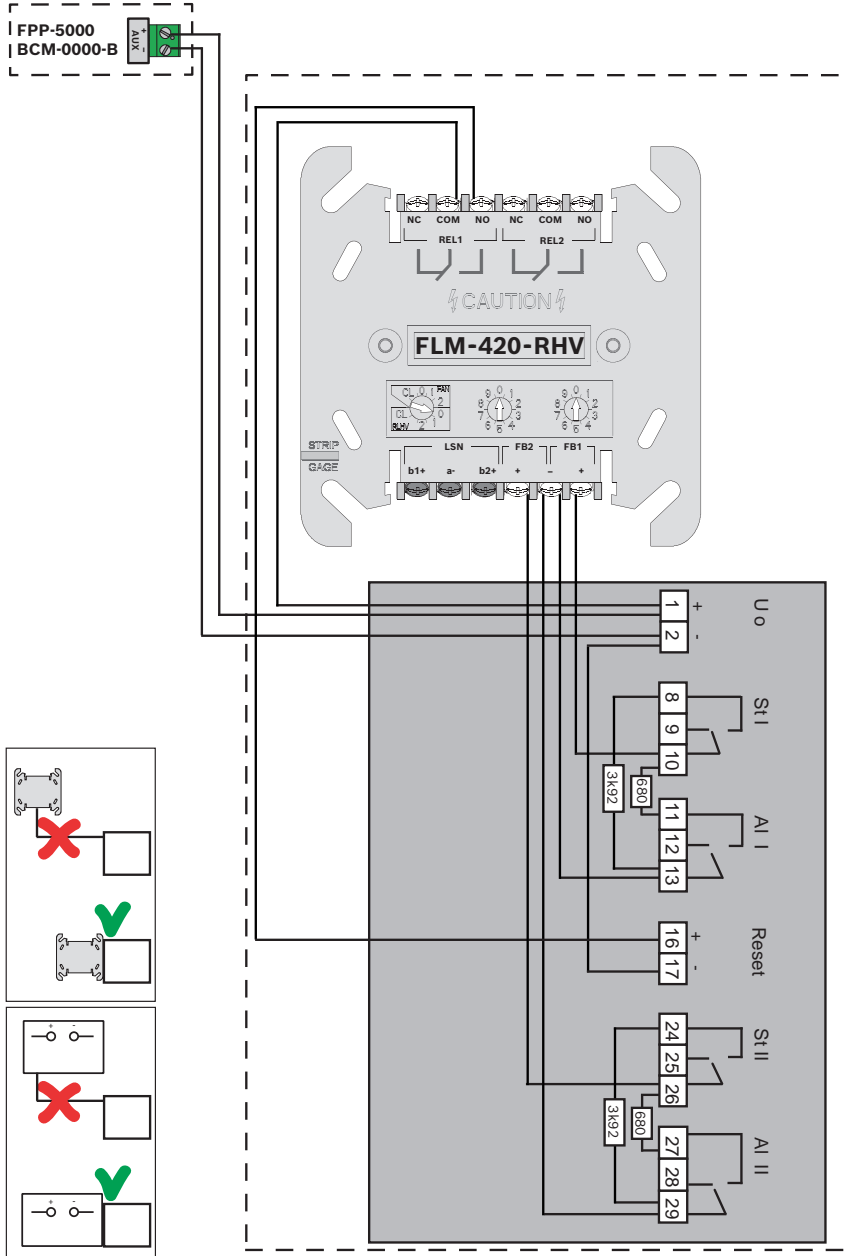




ADW 535-2

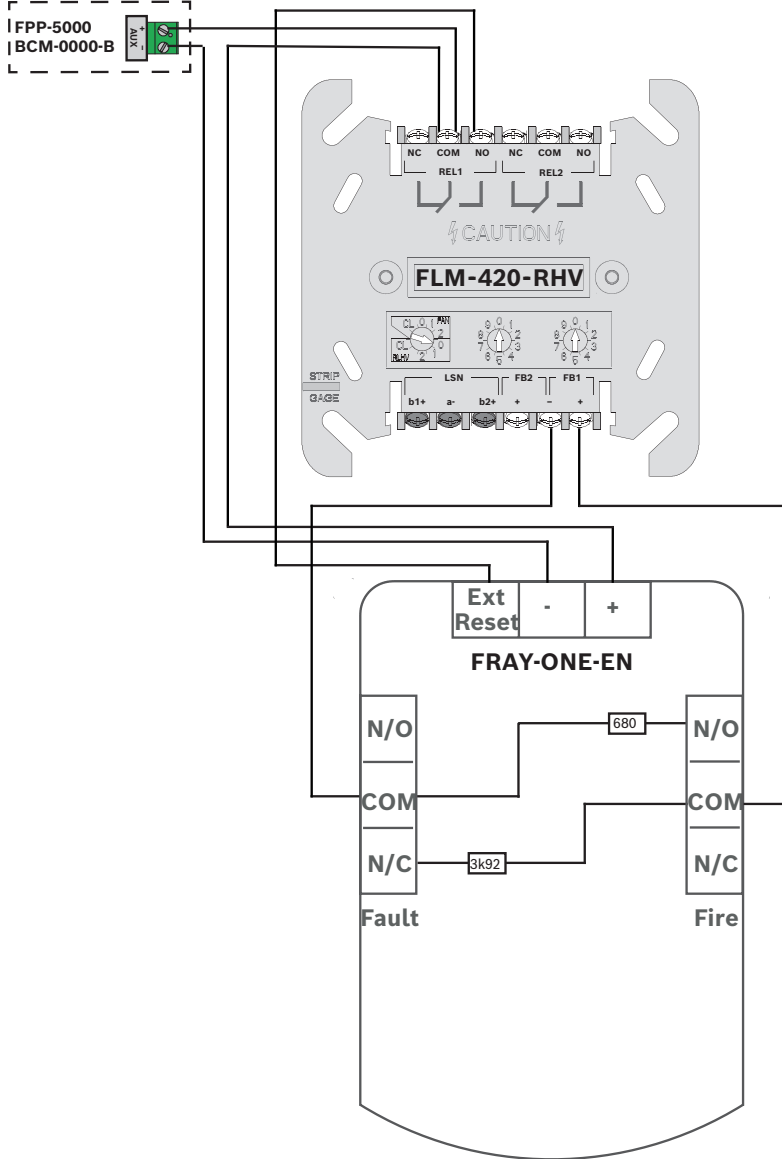


ELS





Fireray One



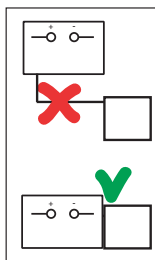
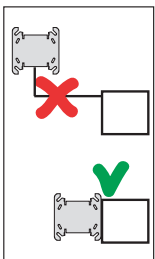
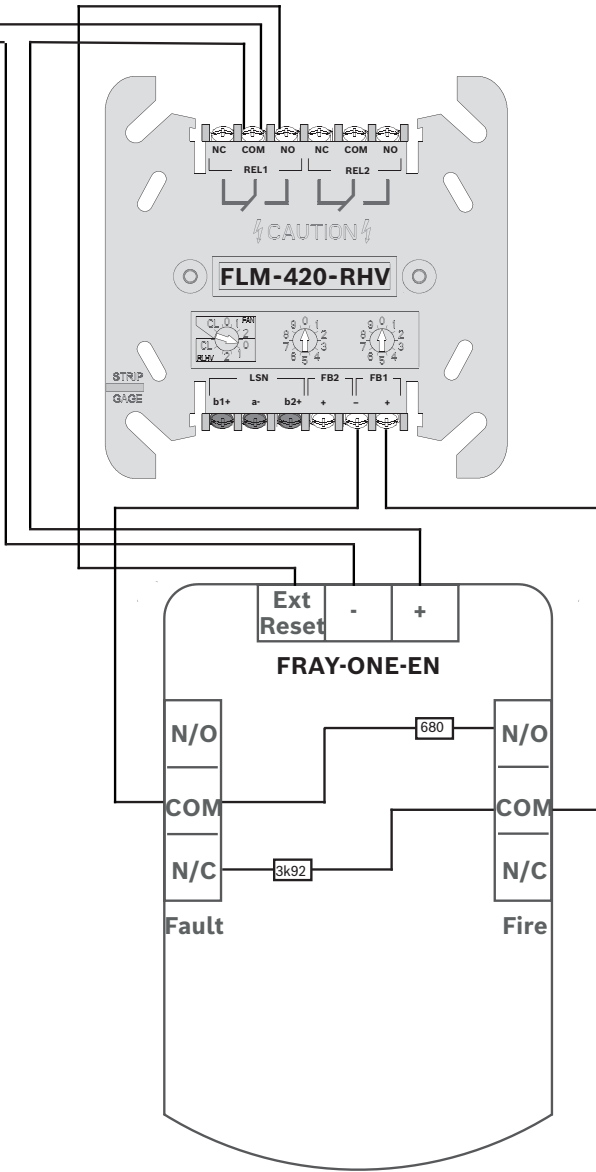


Fireray One



ELS

FPP-5000
BCM-0000-B

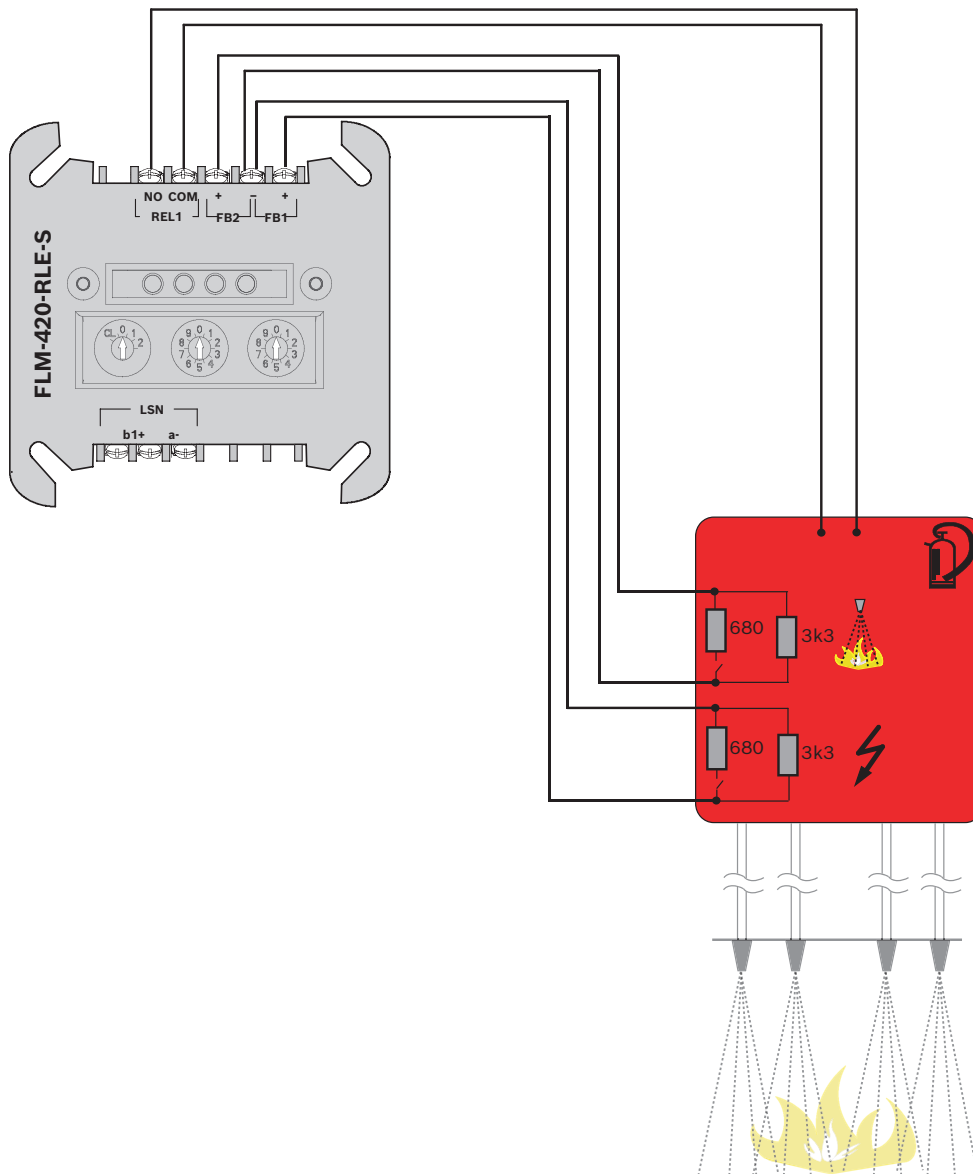


2.5.5

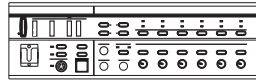
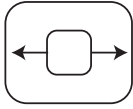
FLM-420-RLE-S



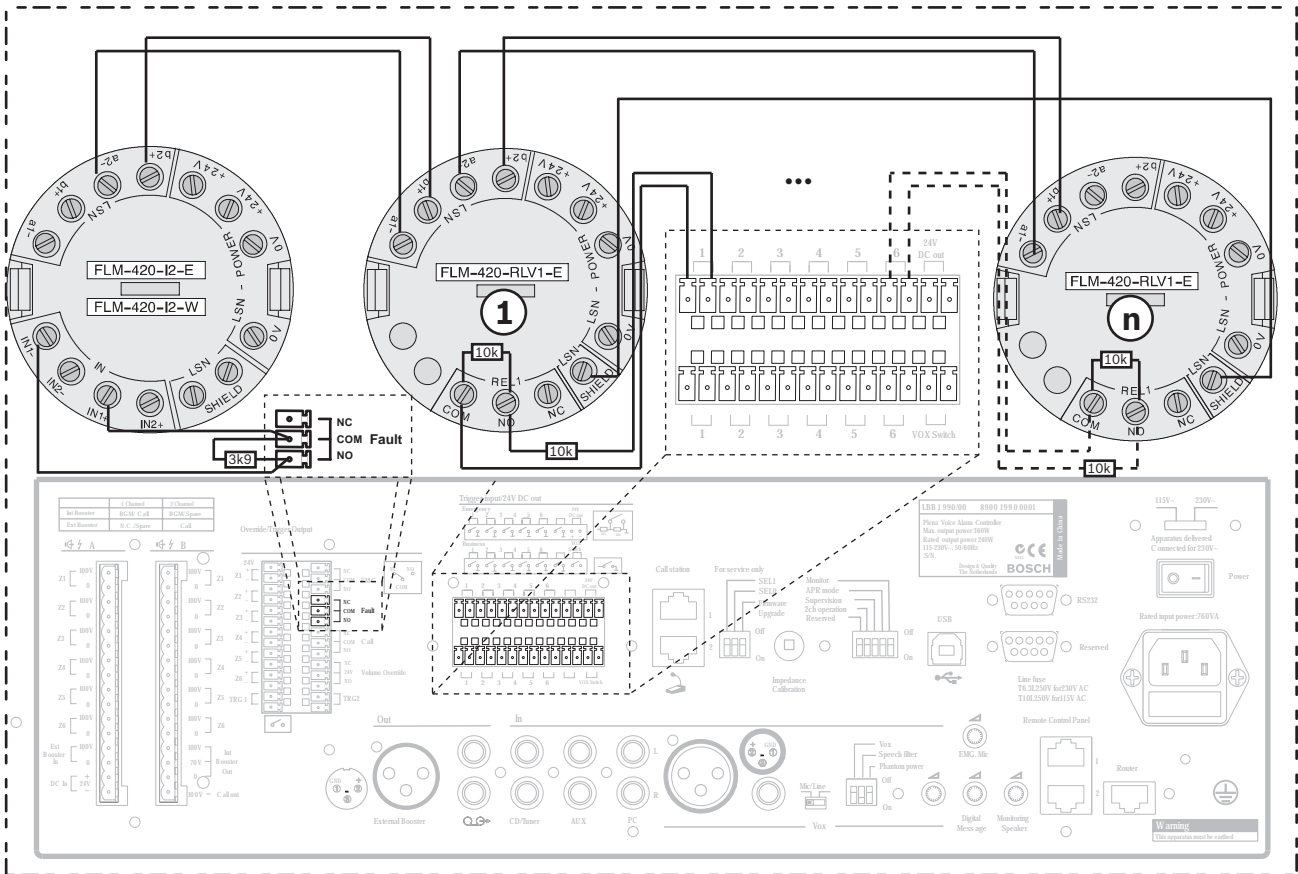
VdS 2496



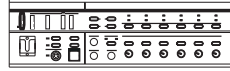
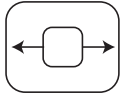
2.5.6 FLM-420-RLV1-E



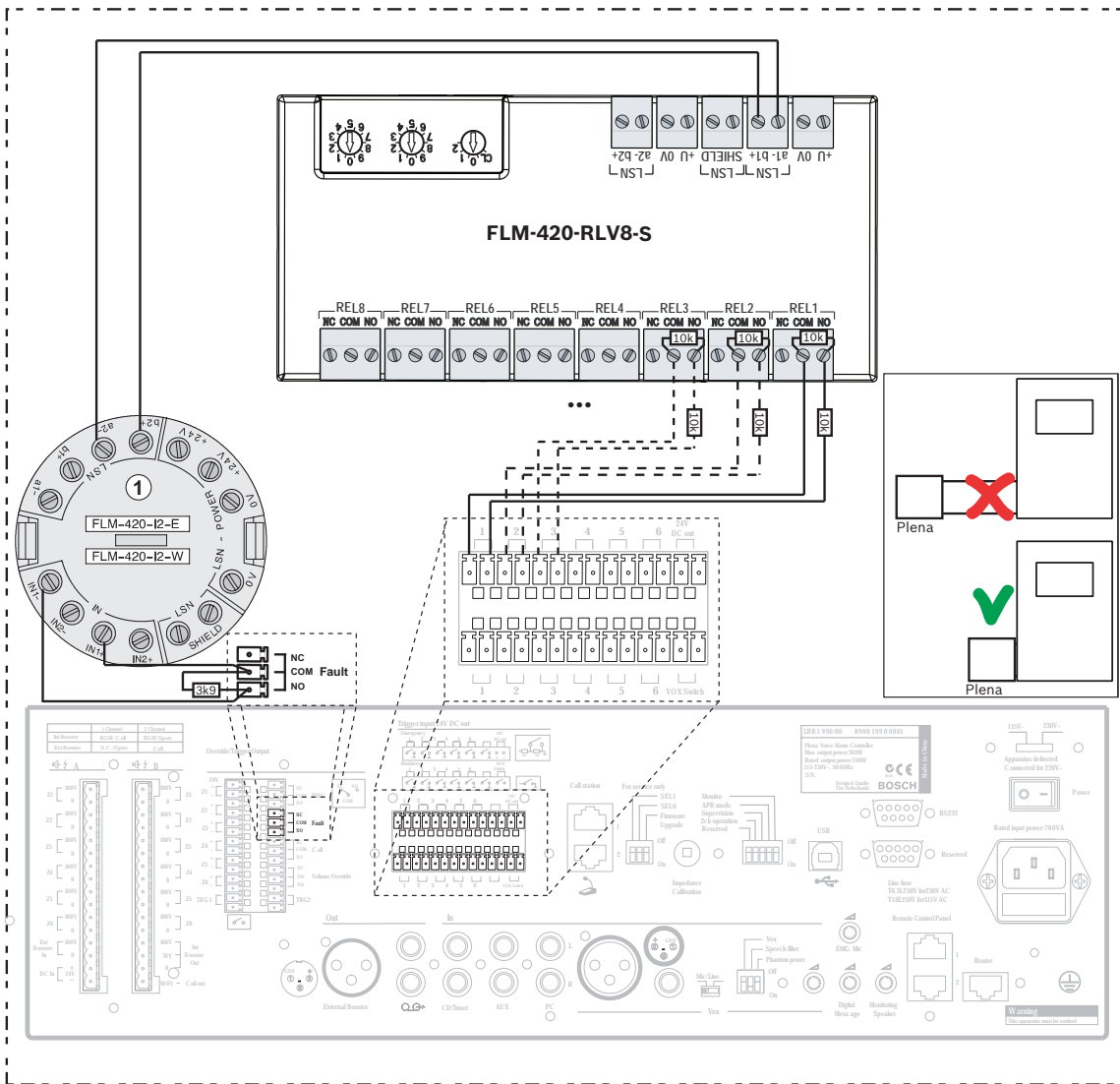
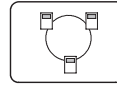
Plena



2.5.7 FLM-420-RLV8-S



Plena



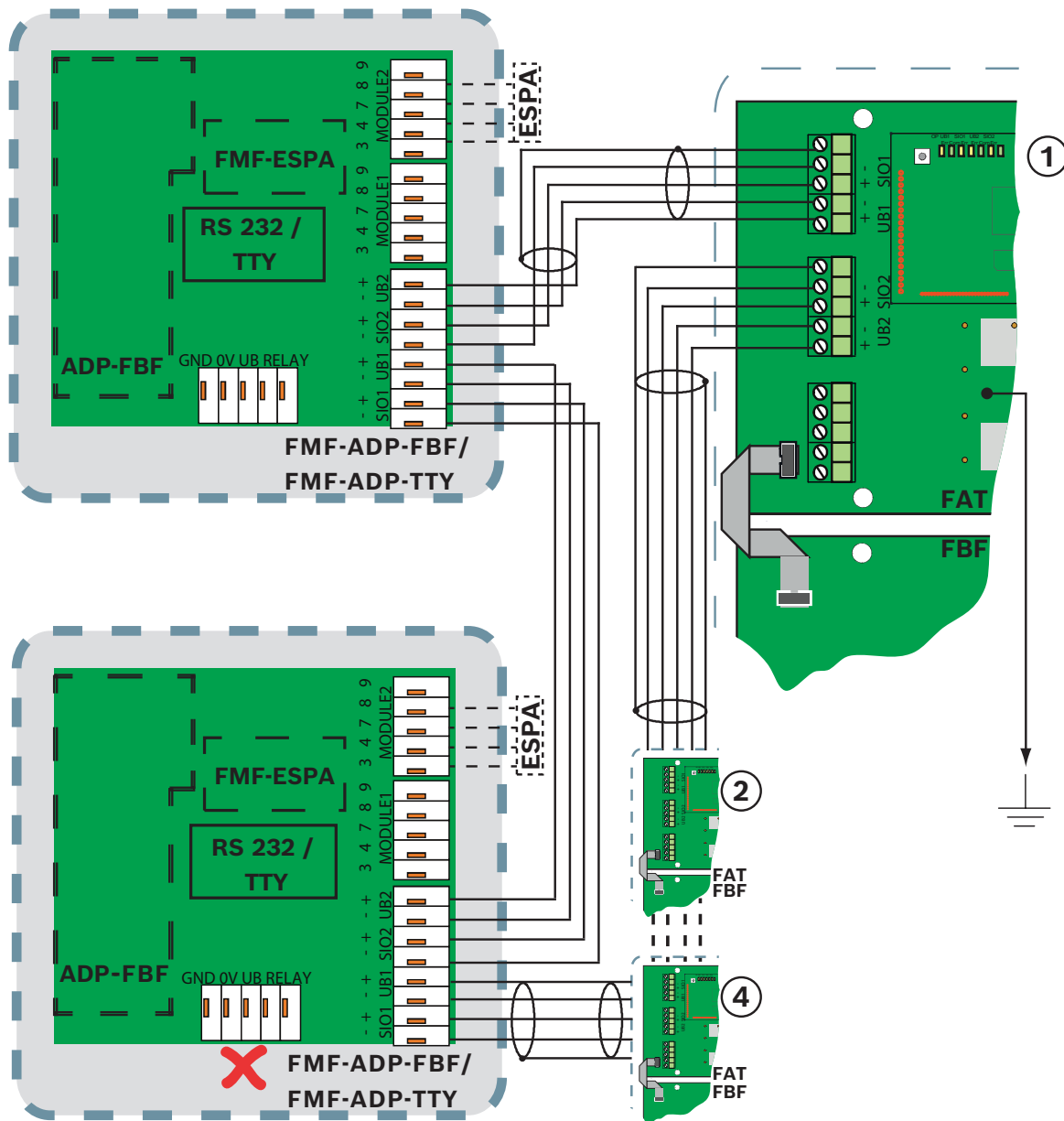
2.5.8 FMF-ADP-FBF/FMF-ADP-TTY



FAT4000 FBF4000 ADP4000

FMF-FAT FMF-FBF-FAT
FMF-FIBS-A4/-A3
FMF-ADP

ELS



2.6

EOL



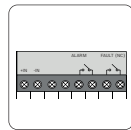
CZM 0004 A, σελίδα 189

LSN 0300 A, σελίδα 201

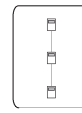
FLM-420/4-CON-S/D, σελίδα 246

2.6.1

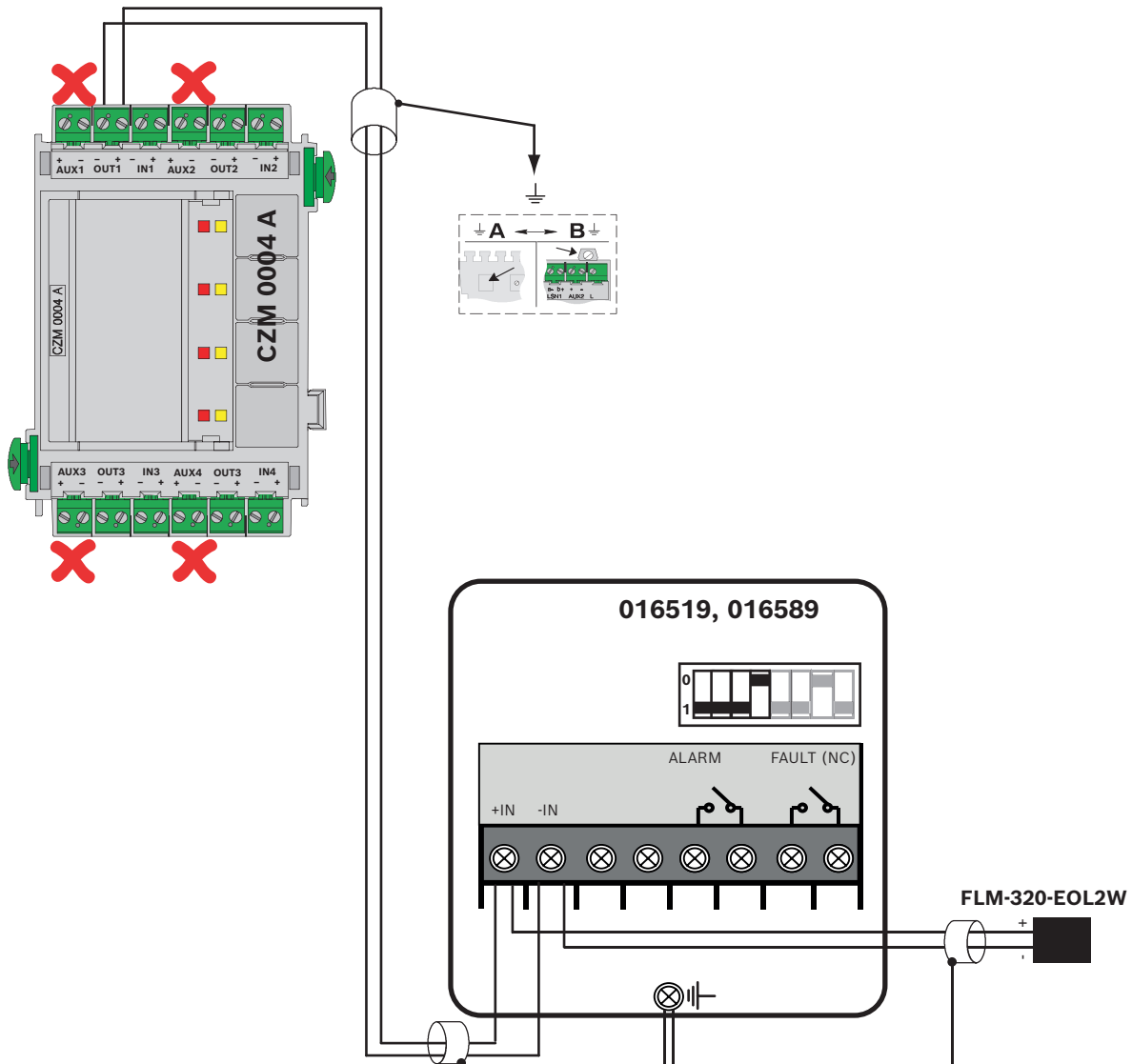
CZM 0004 A

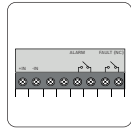


016519, 016589
IR3 Flame Detector

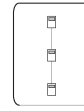


ELS

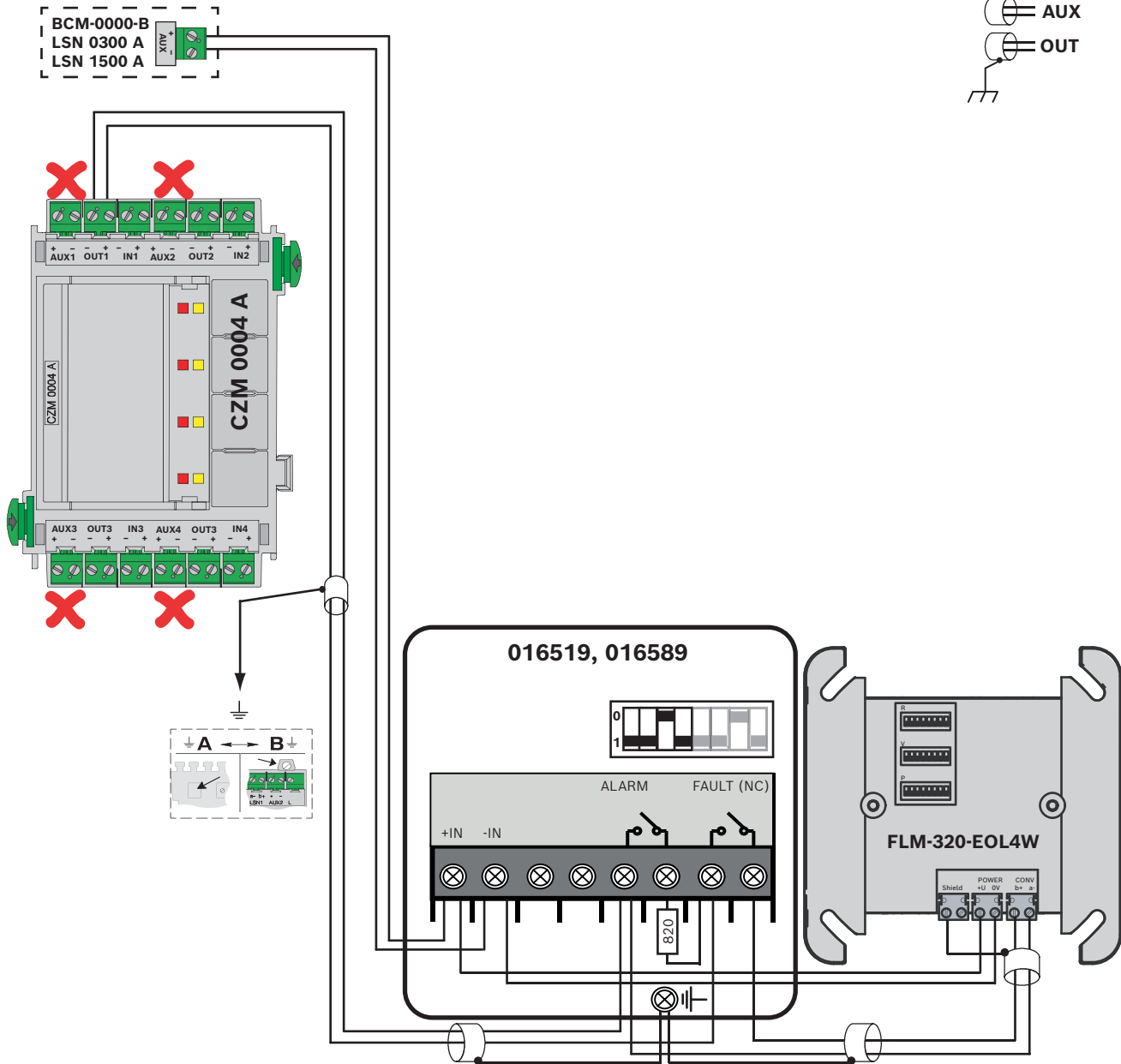




016519, 016589
IR3 Flame Detector



ELS

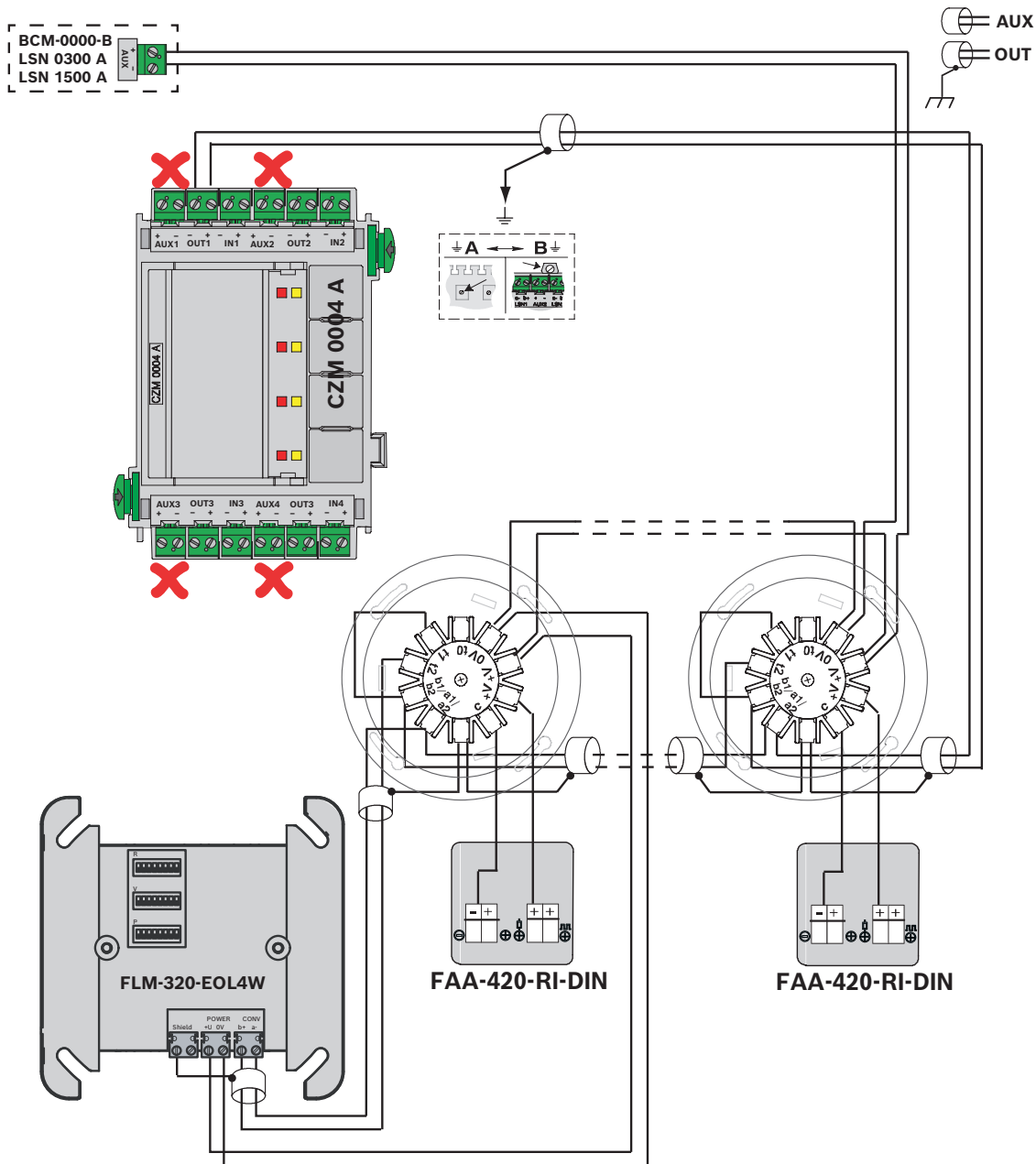


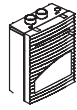


FCA-500-EU
FCP-O 500
FCP-O 500-P
FCP-OC 500
FCP-OC 500-P

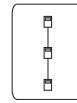


ELS



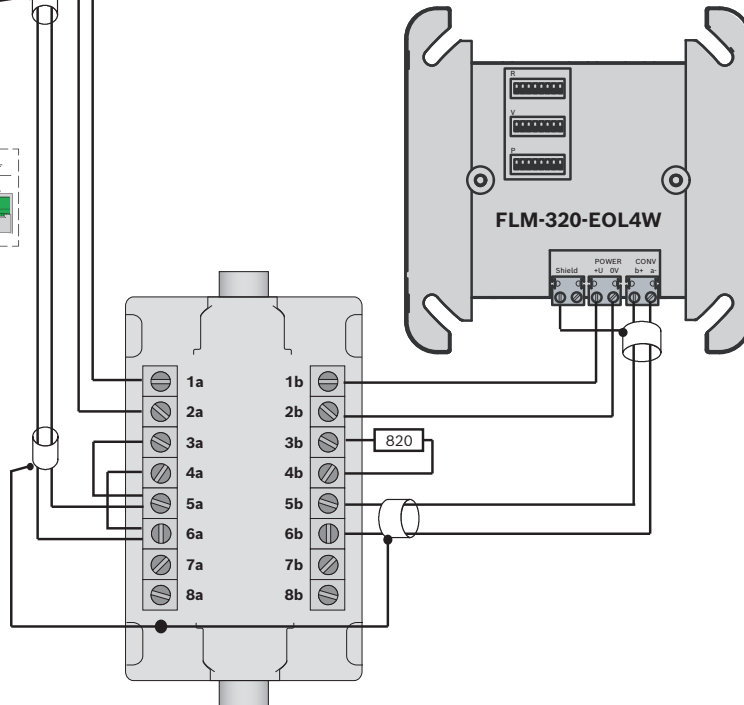
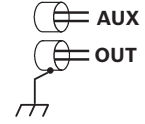
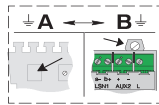
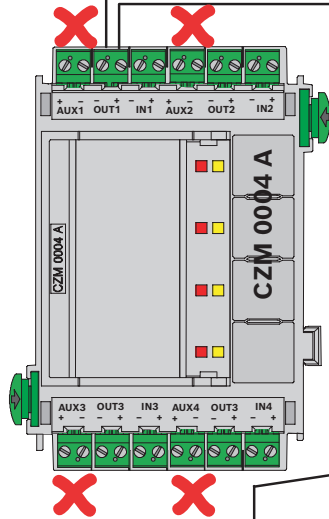


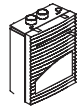
FCS-320-TM Series



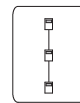
ELS

BCM-0000-B
LSN 0300 A
LSN 1500 A

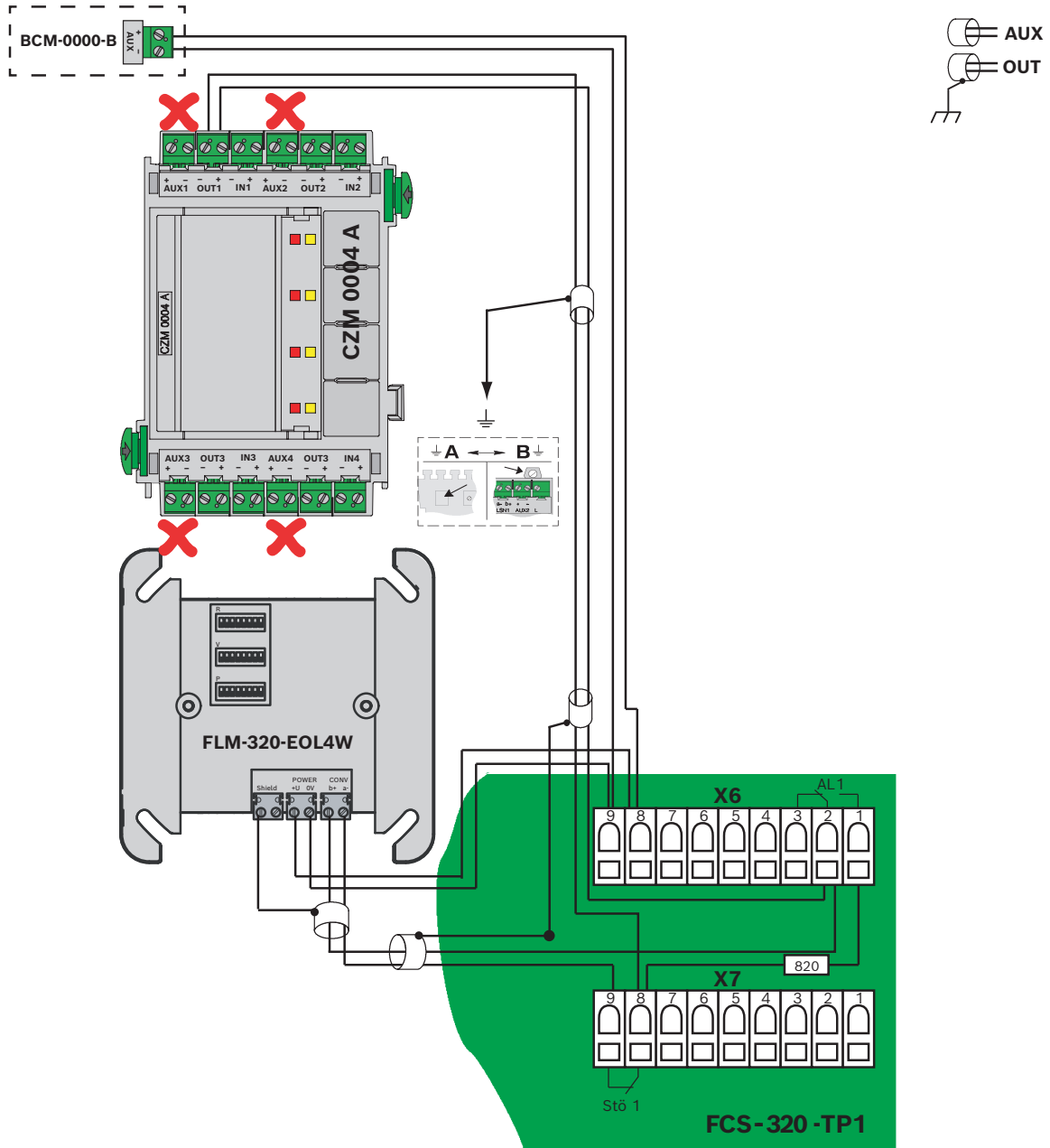


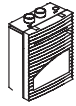


FCS-320-TP1



ELS

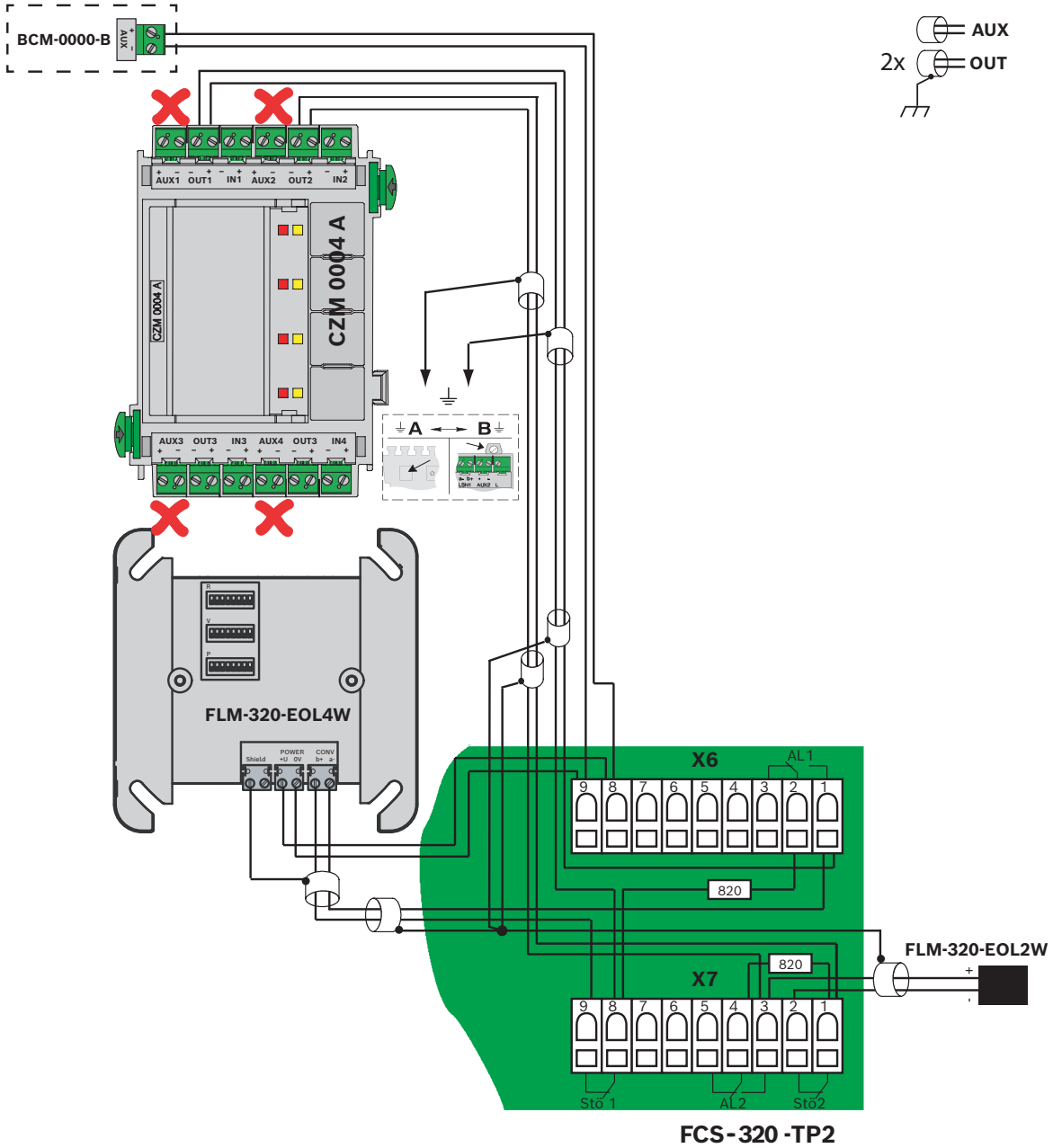




FCS-320-TP2



ELS





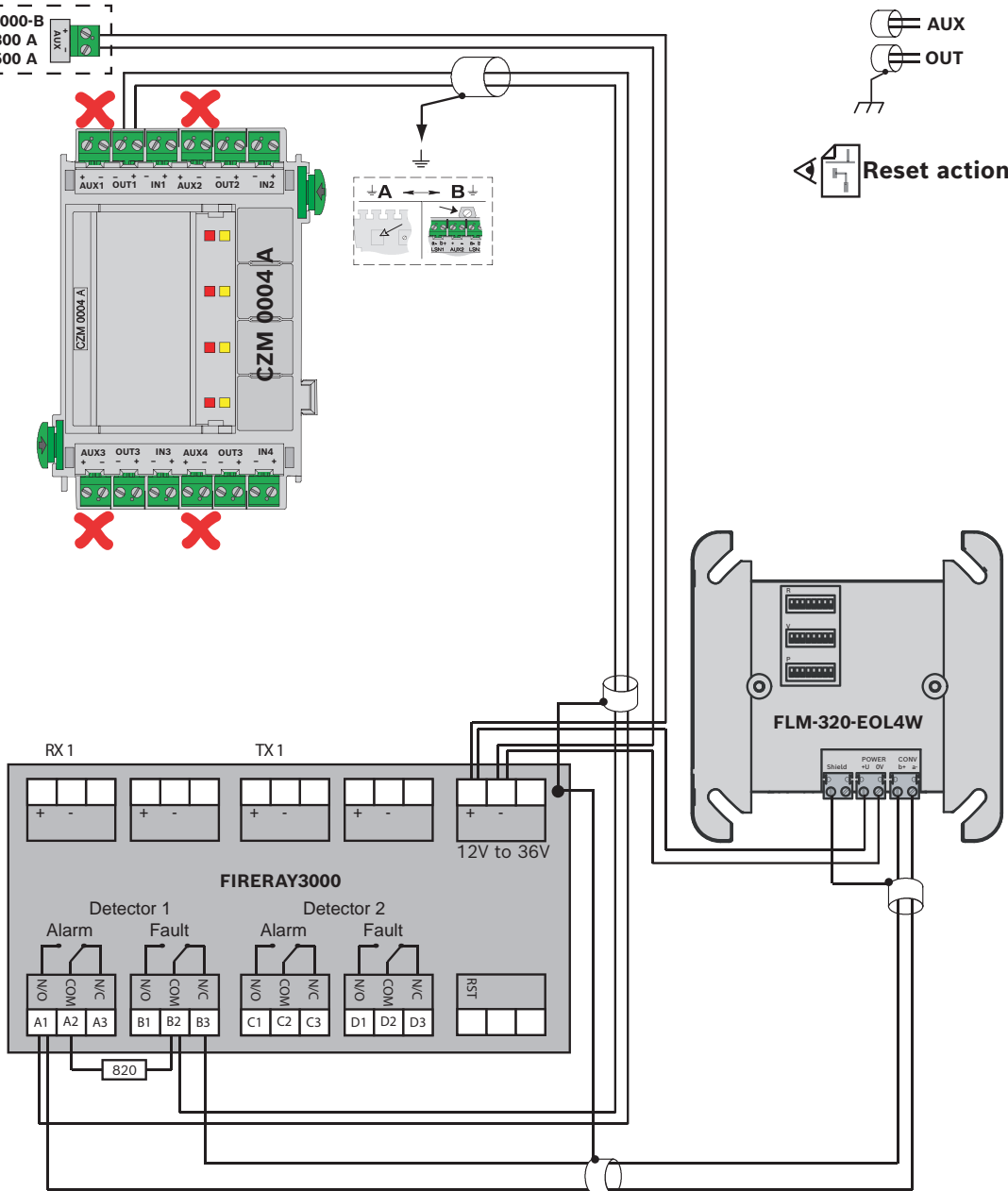
FIRERAY3000

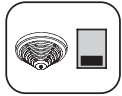
1 x



ELS

BCM-0000-B
LSN 0300 A
LSN 1500 A

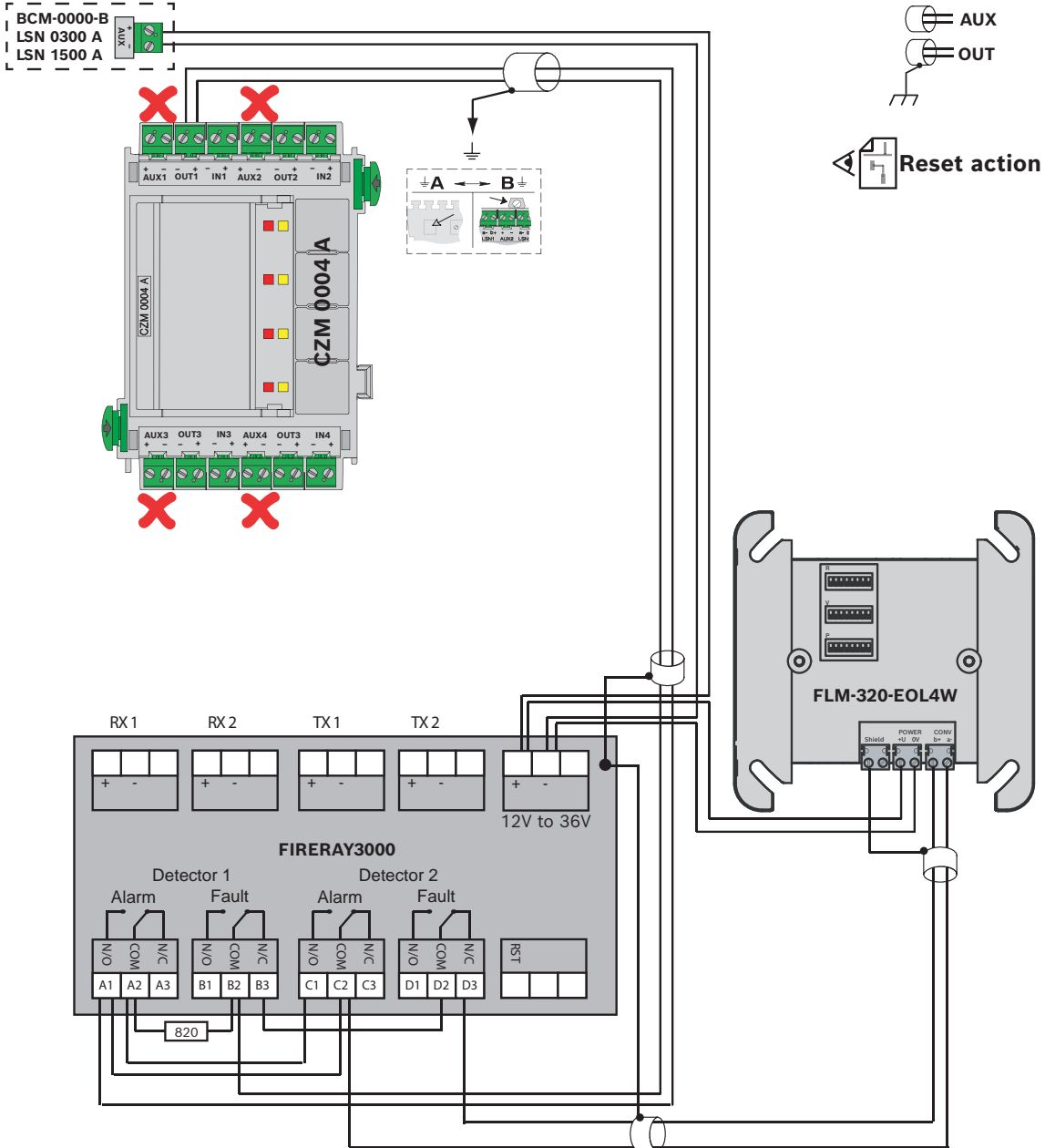




FIRERAY3000
2 x **OUT1**



ELS



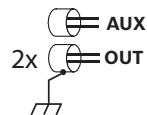
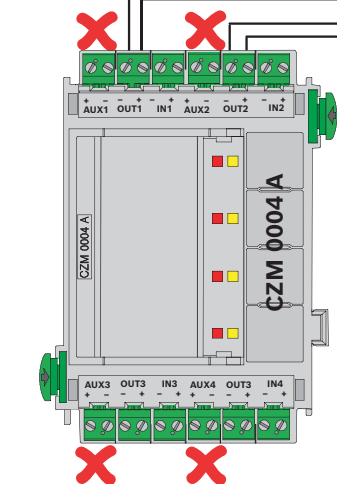


FIRERAY3000
2 x **OUT1+2**

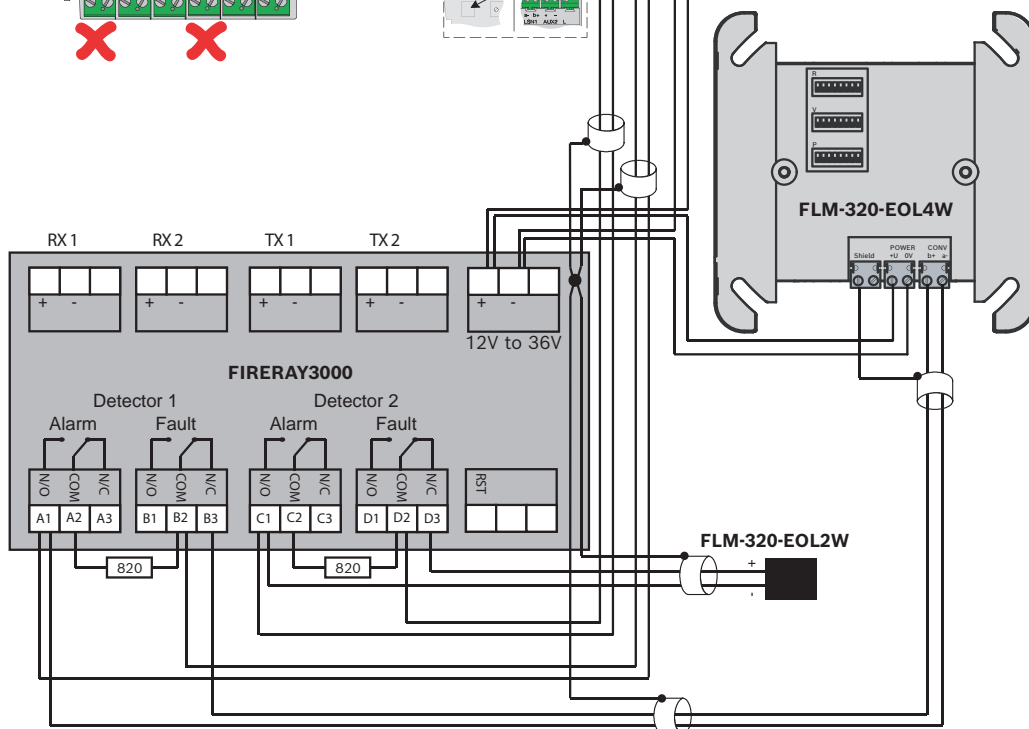
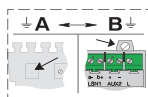


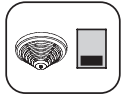
ELS

BCM-0000-B
LSN 0300 A
LSN 1500 A



Reset action



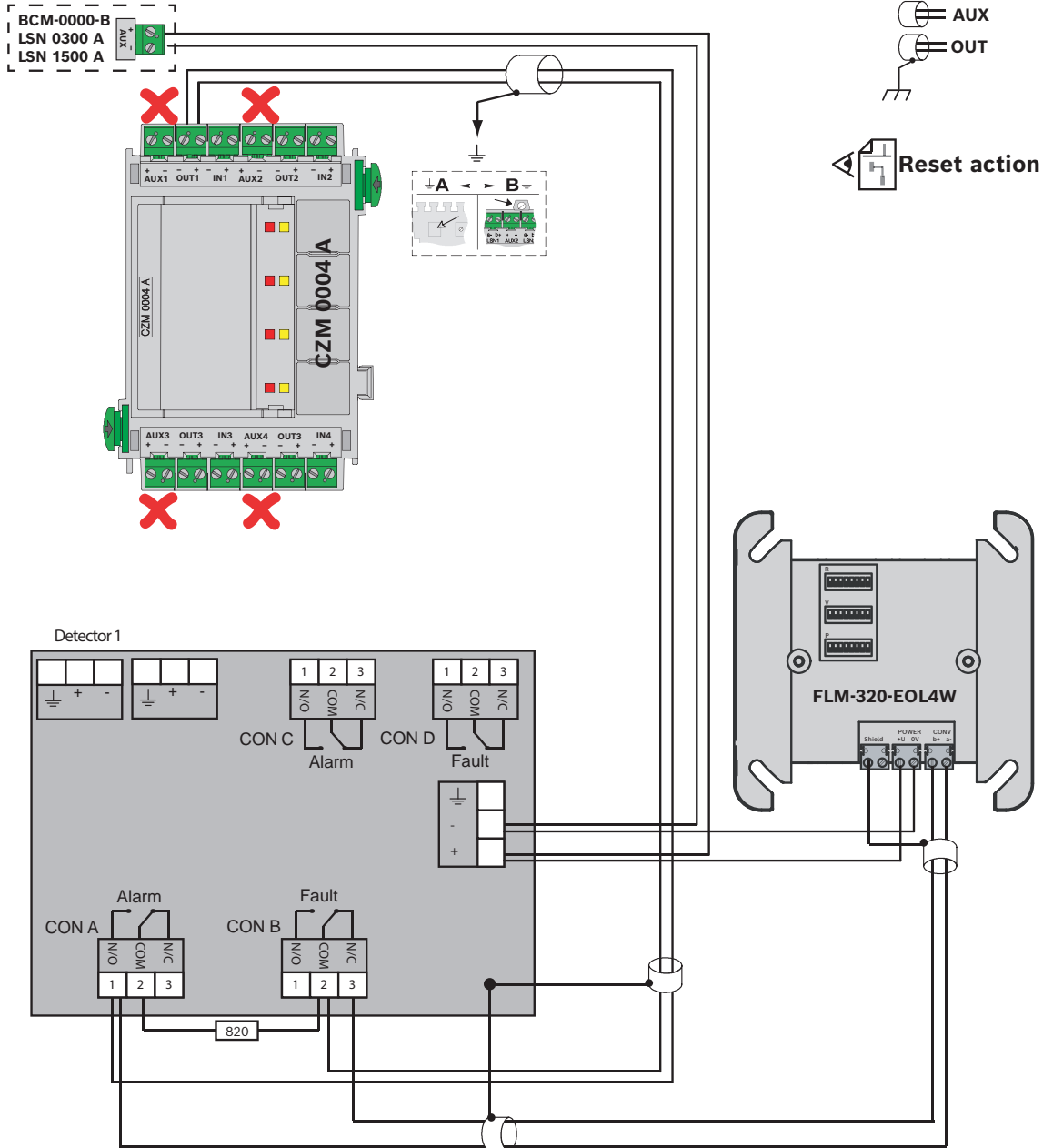


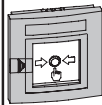
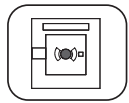
FIRERAY5000

1 x 

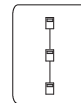


ELS

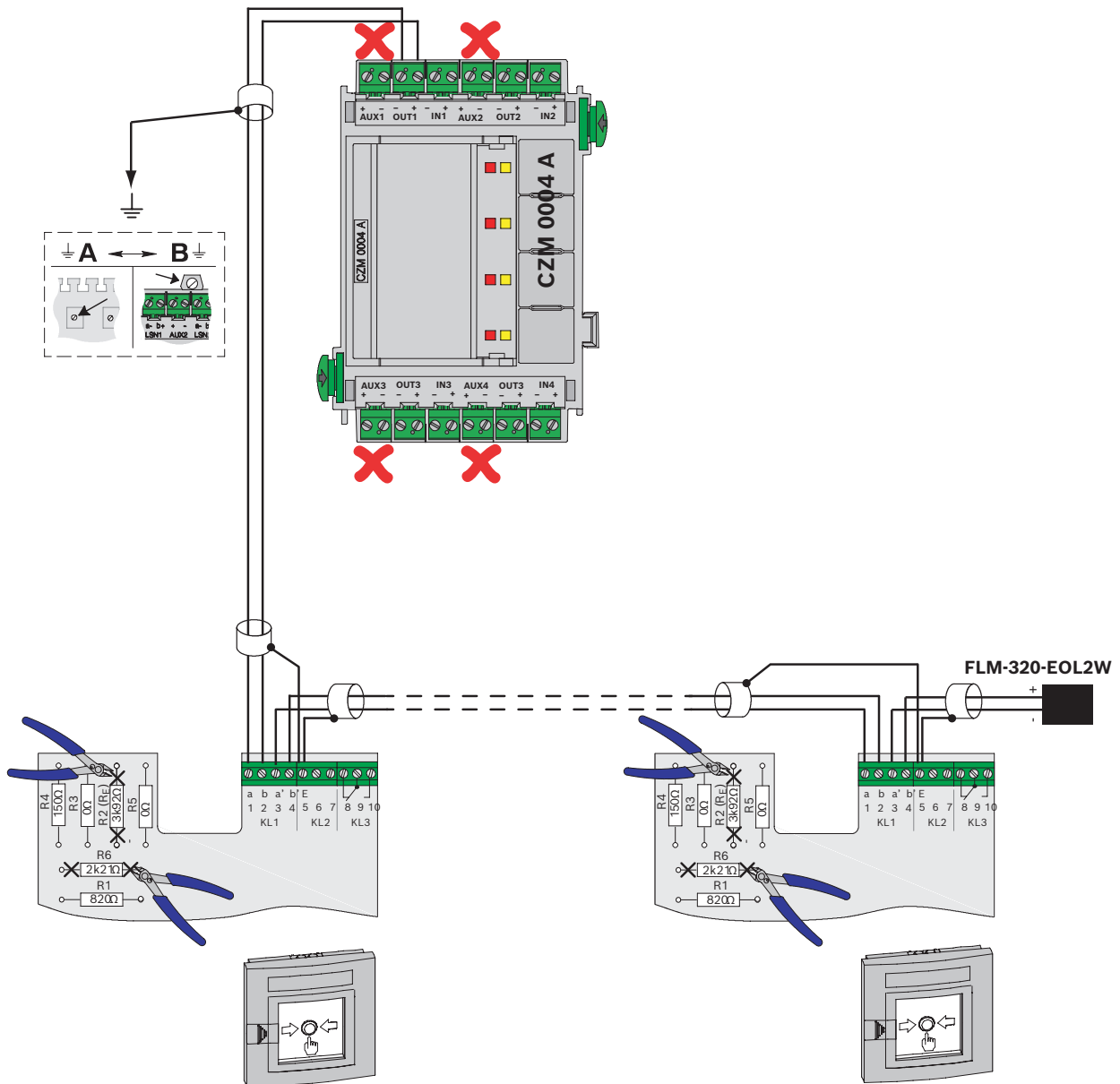


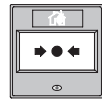
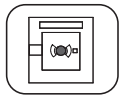


FMC-120-DKM-G-R
 FMC-120-DKM-H-R
 FMC-120-DKM-G-B
 FMC-120-DKM-H-B
 FMC-120-DKM-G-Y



ELS

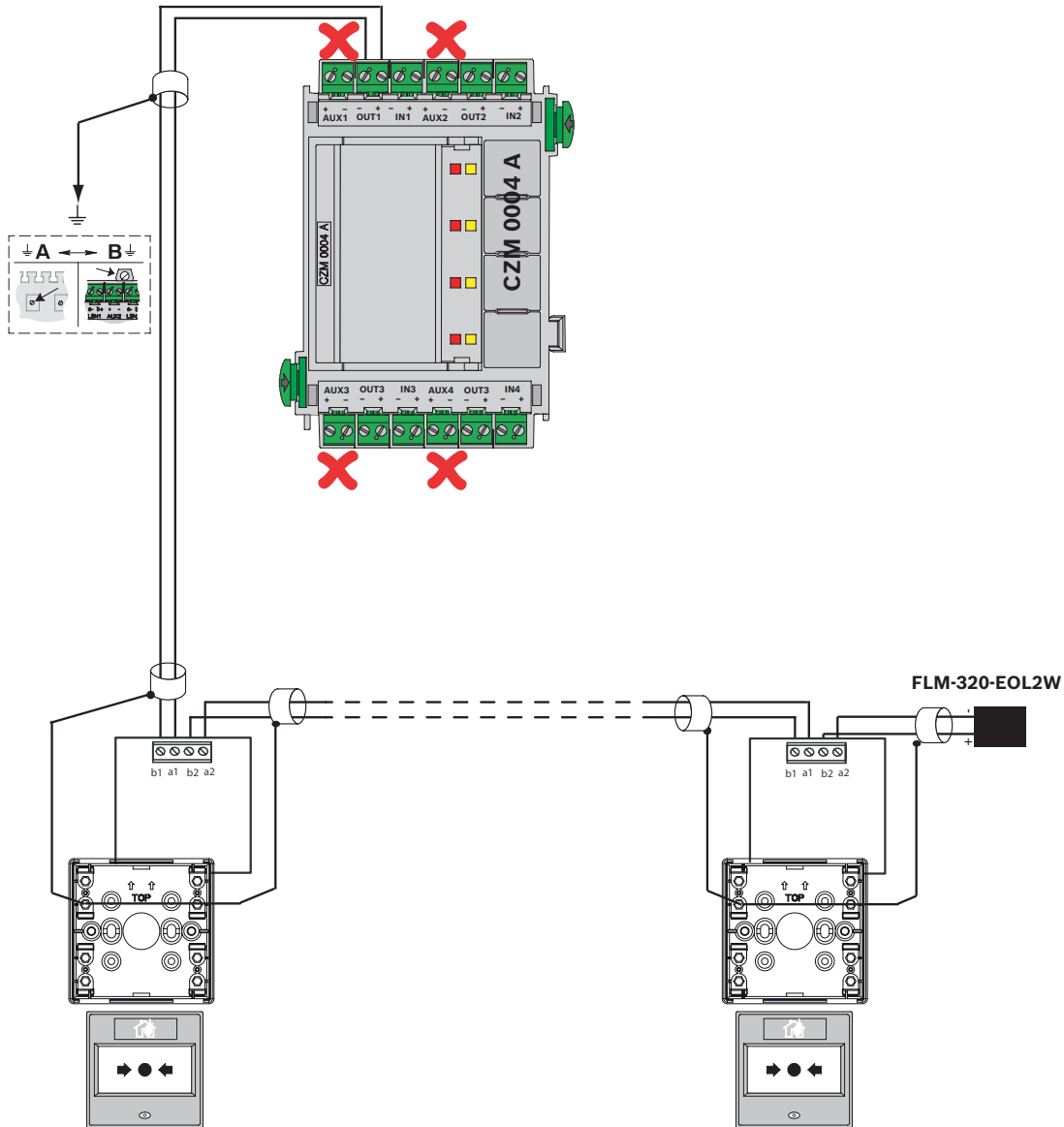




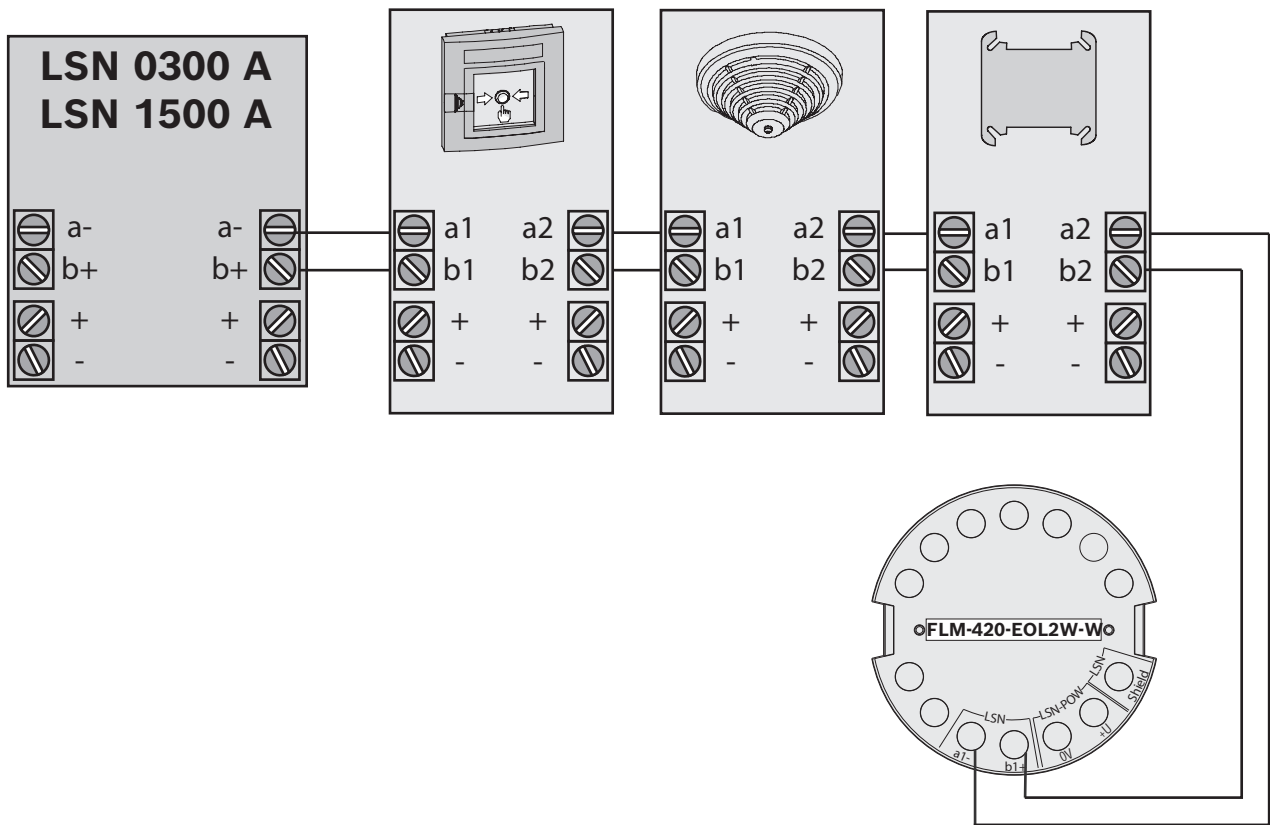
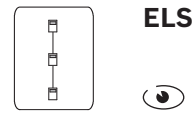
FMC-300RW-GSGBU
 FMC-300RW-GSRBU
 FMC-300RW-GSGRD
 FMC-300RW-GSRRD
 FMC-300RW-GSGYE
 FMC-300RW-GSRYE

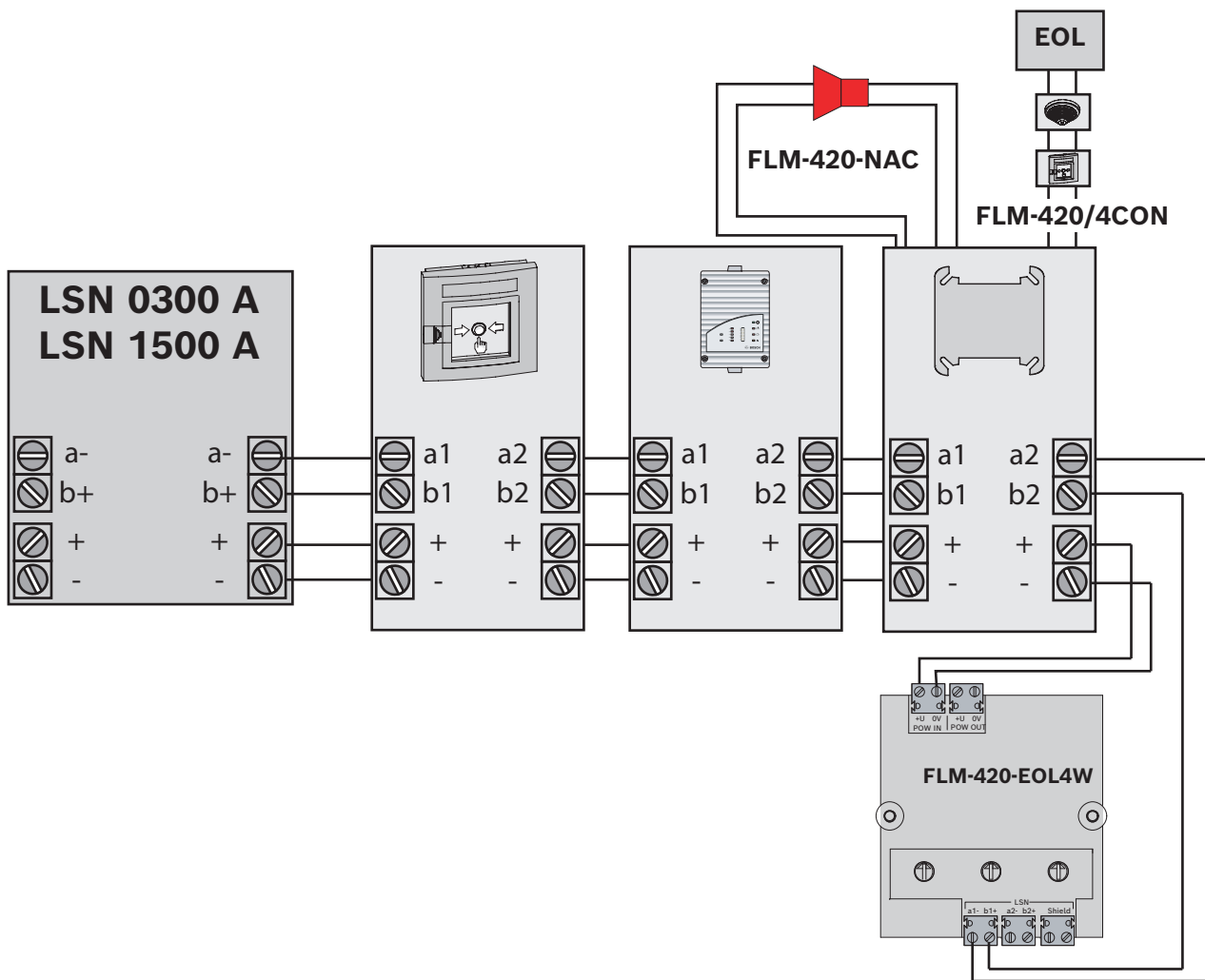
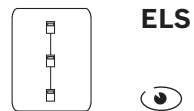


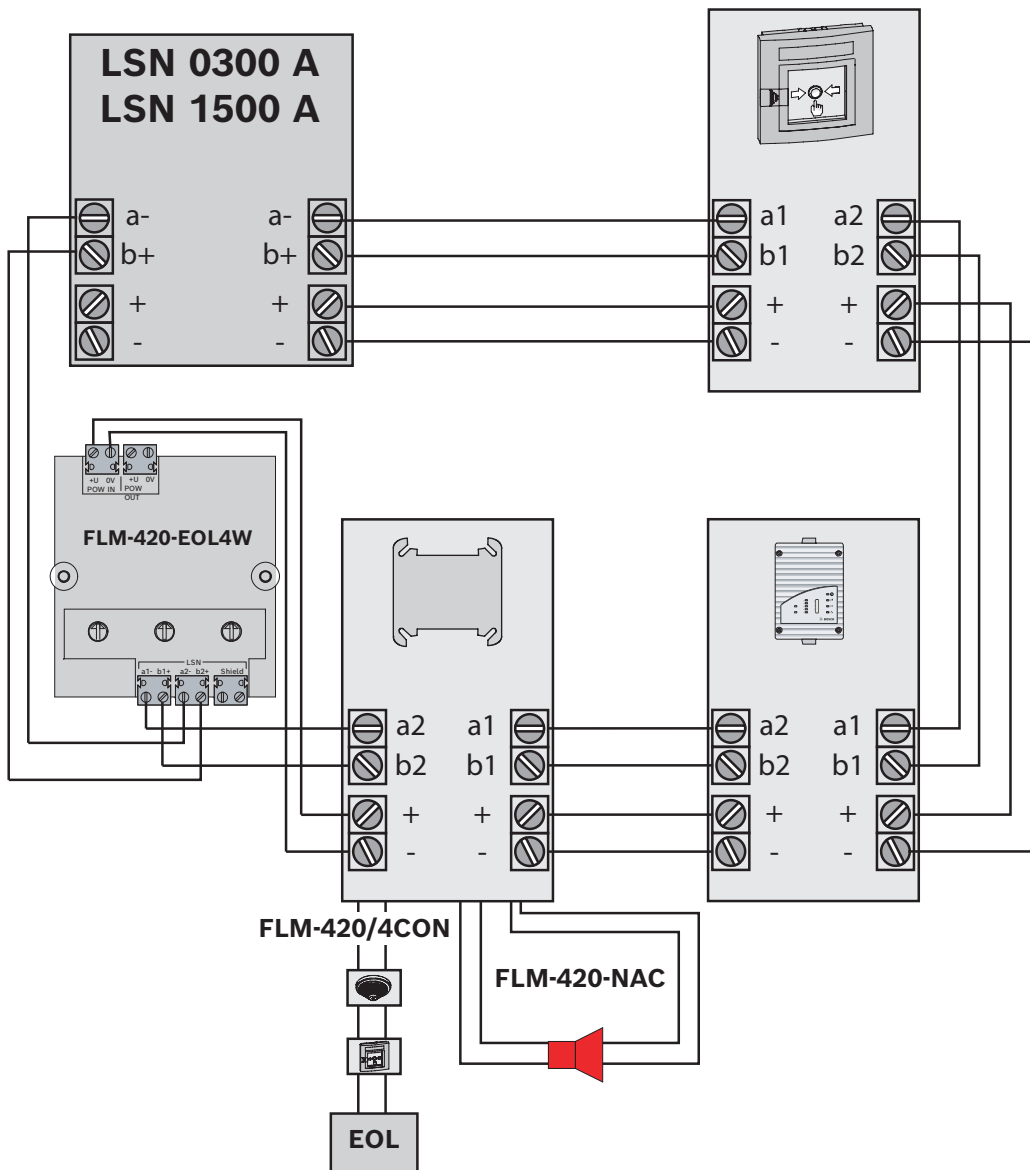
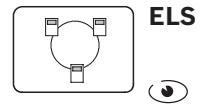
ELS



2.6.2 LSN 0300 A

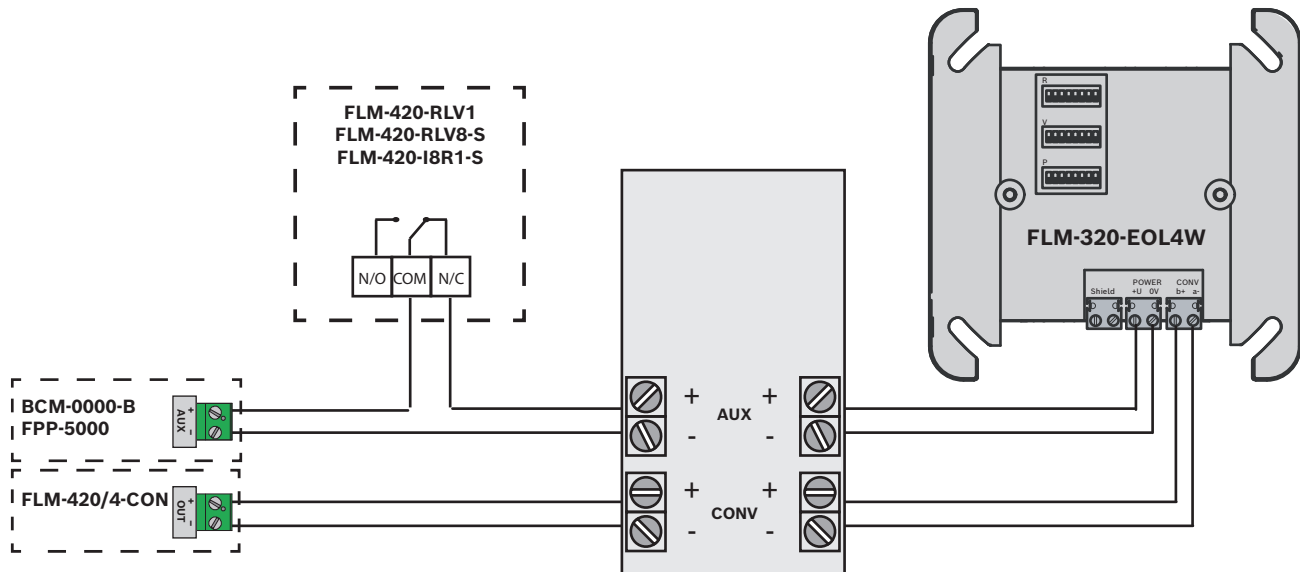


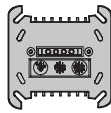
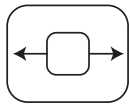




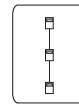
Reset action

ELS

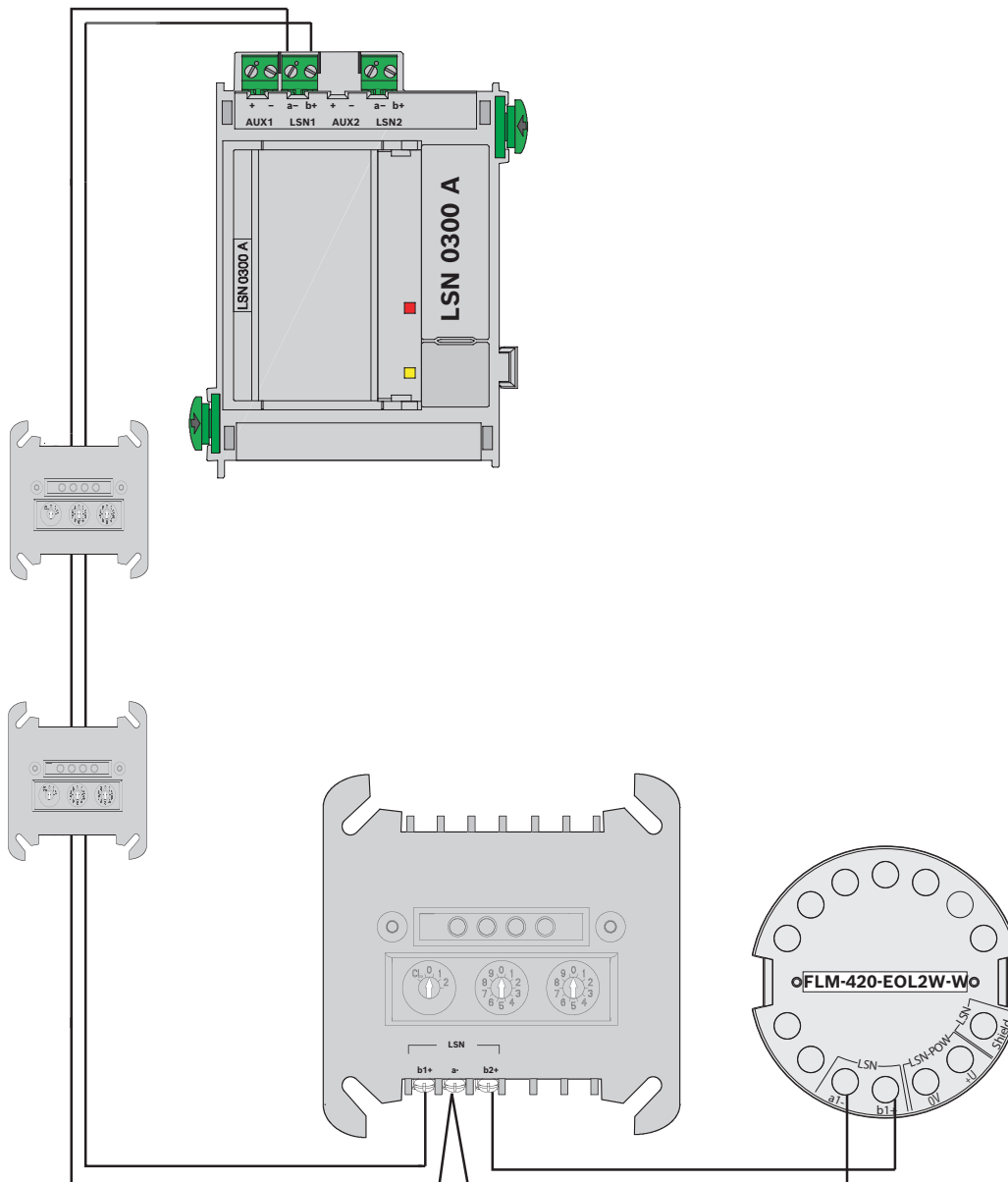


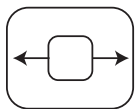


FLM-420-I2-D
 FLM-420-O111-D
 FLM-420-RHV-D/S
 FLM-420-RLV1-D

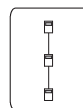


ELS

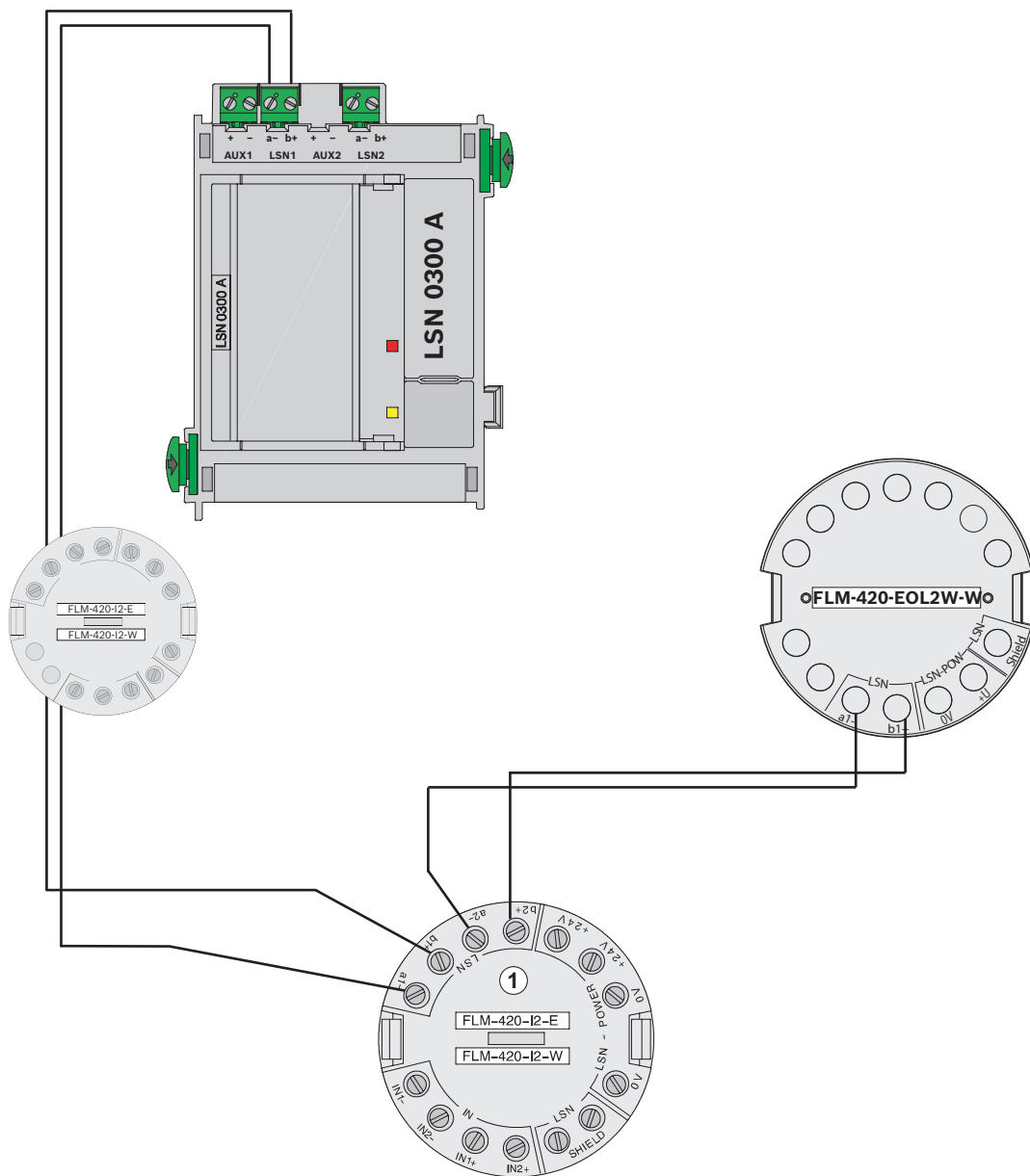


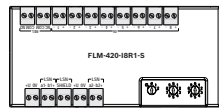
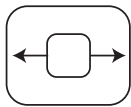


FLM-420-12-E/W

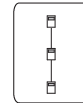


ELS

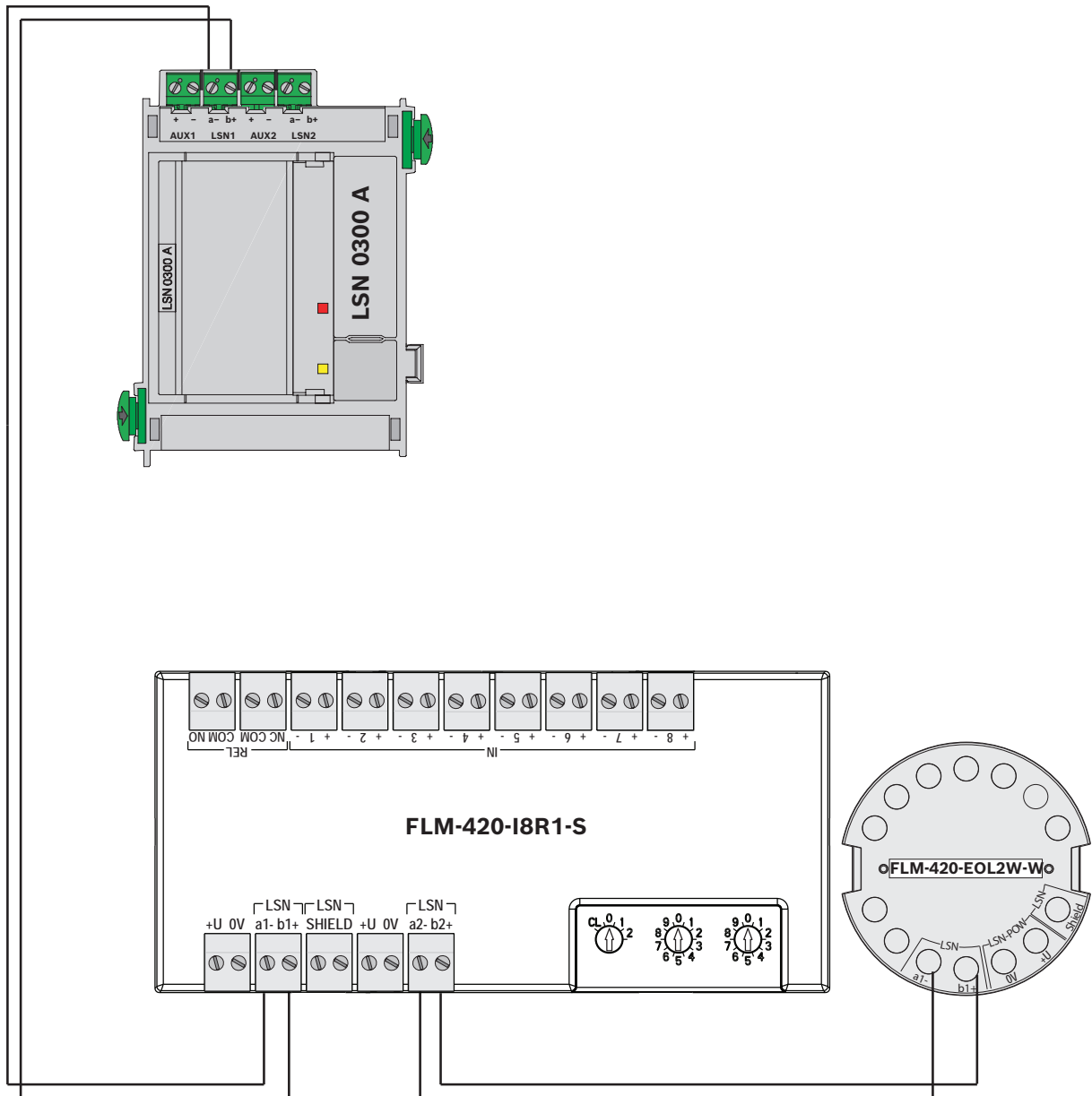


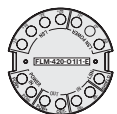
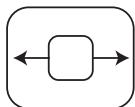


FLM-420-I8R1-S

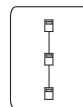


ELS

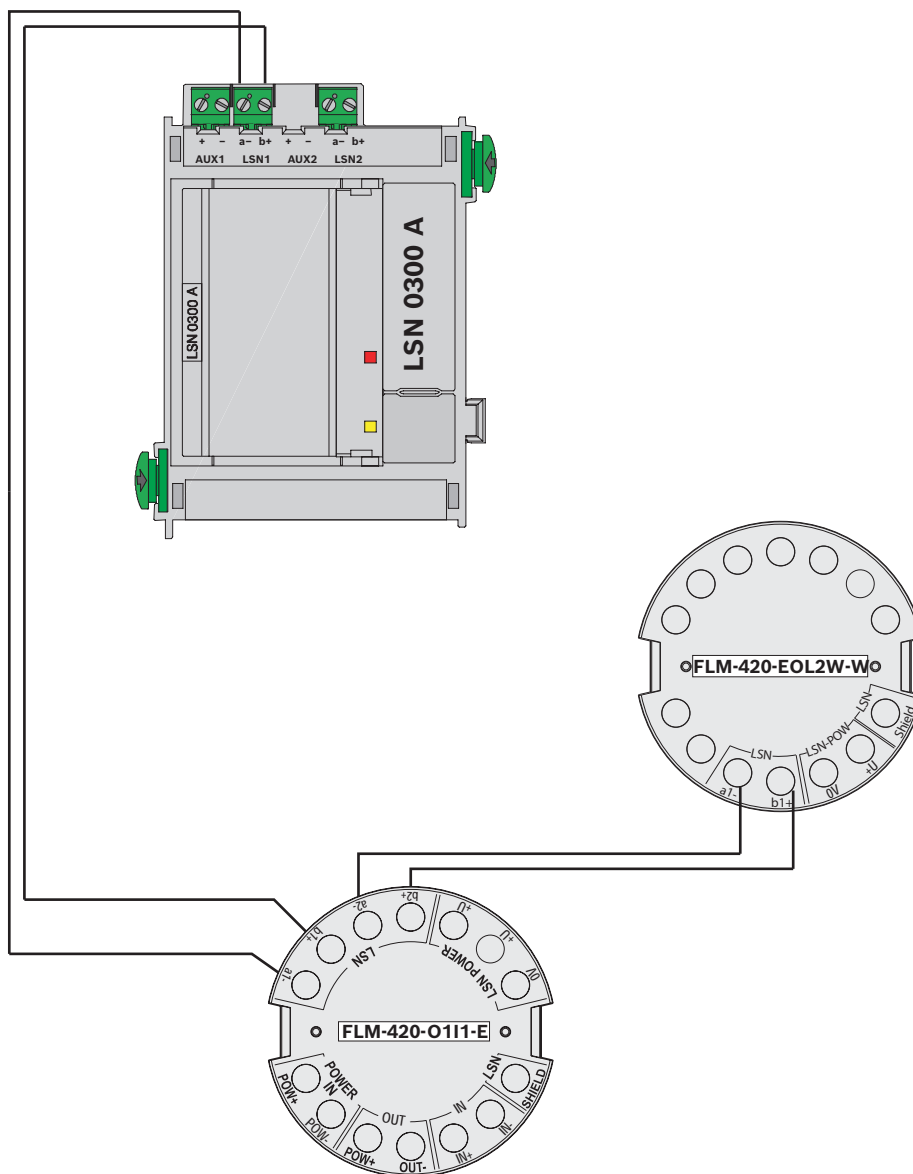


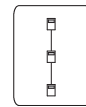
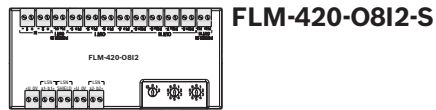
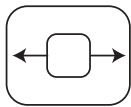


FLM-420-O111-E

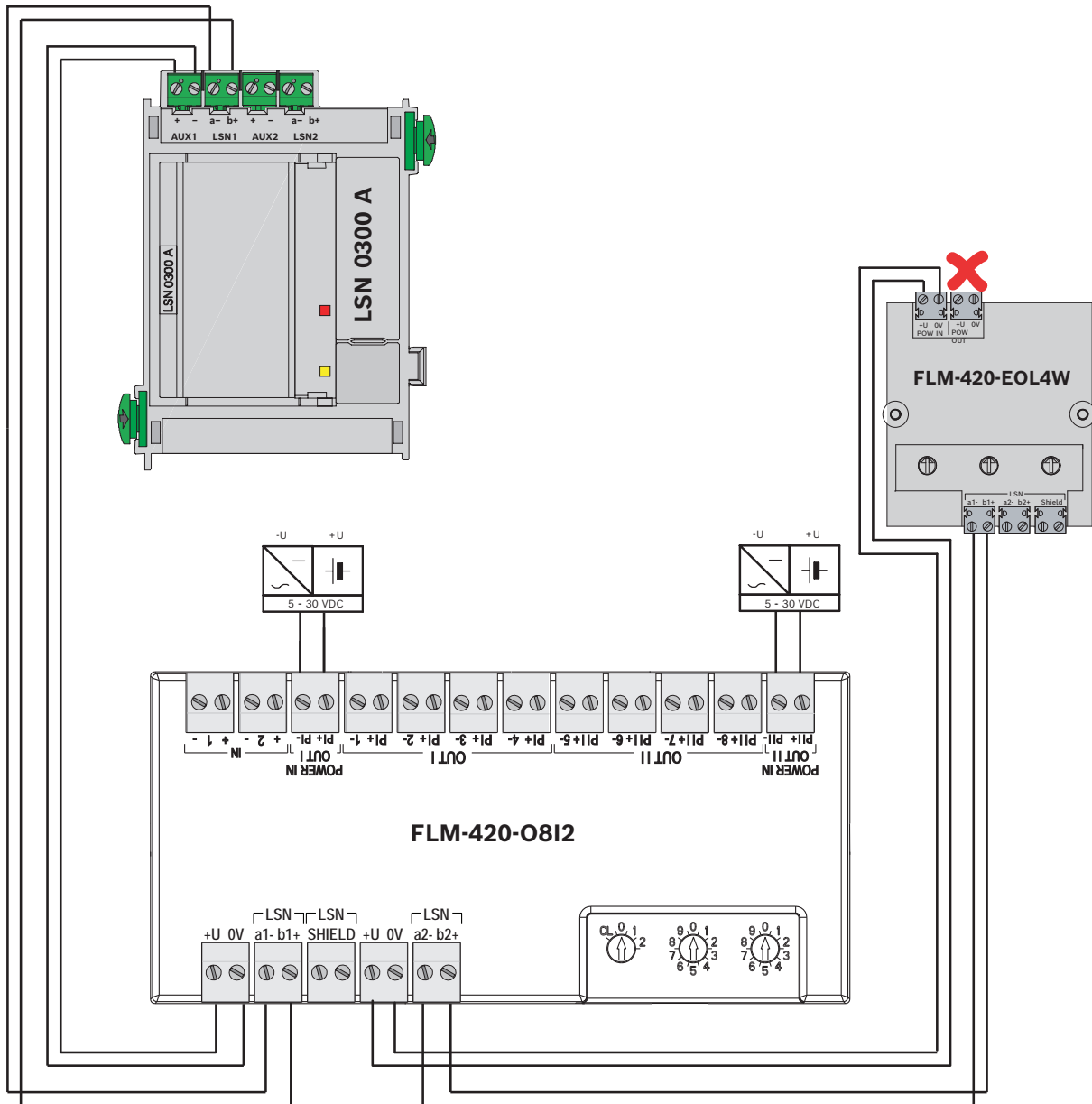


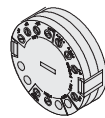
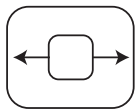
ELS



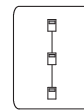


ELS

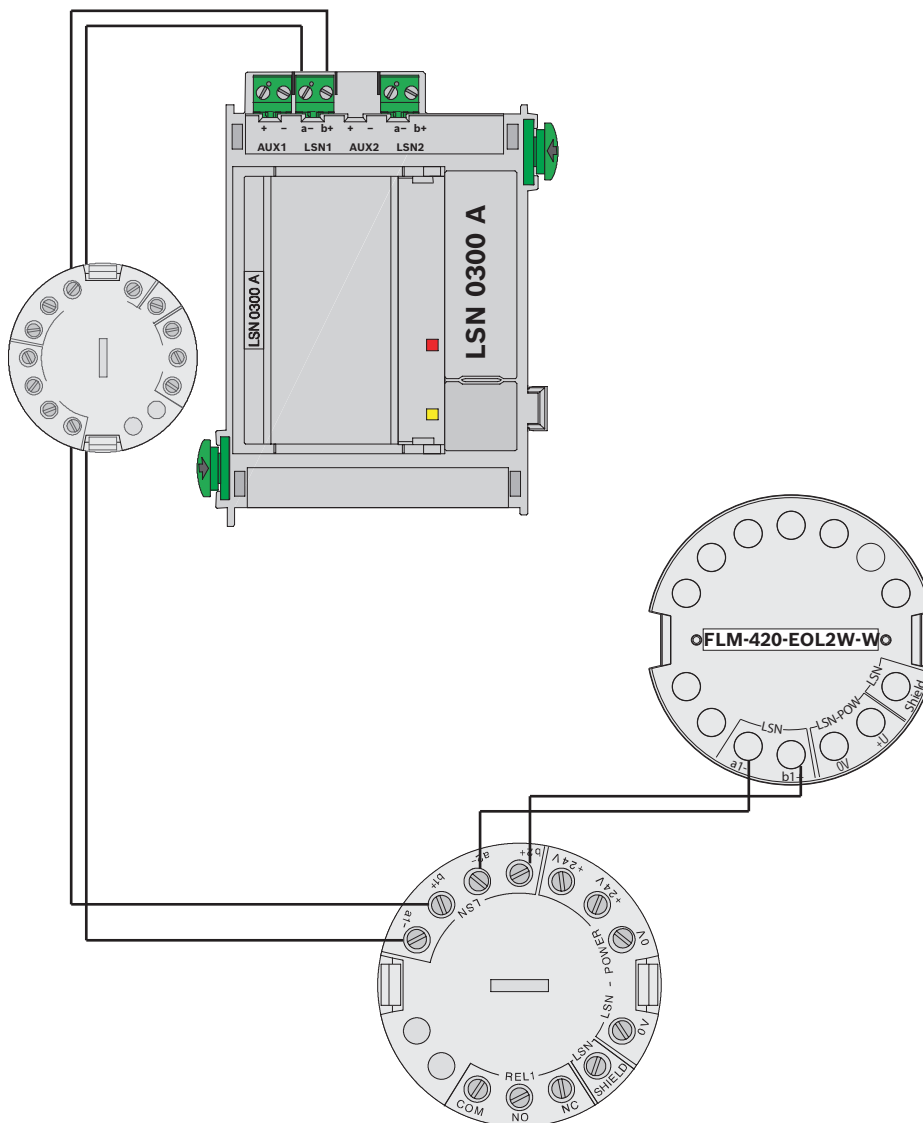


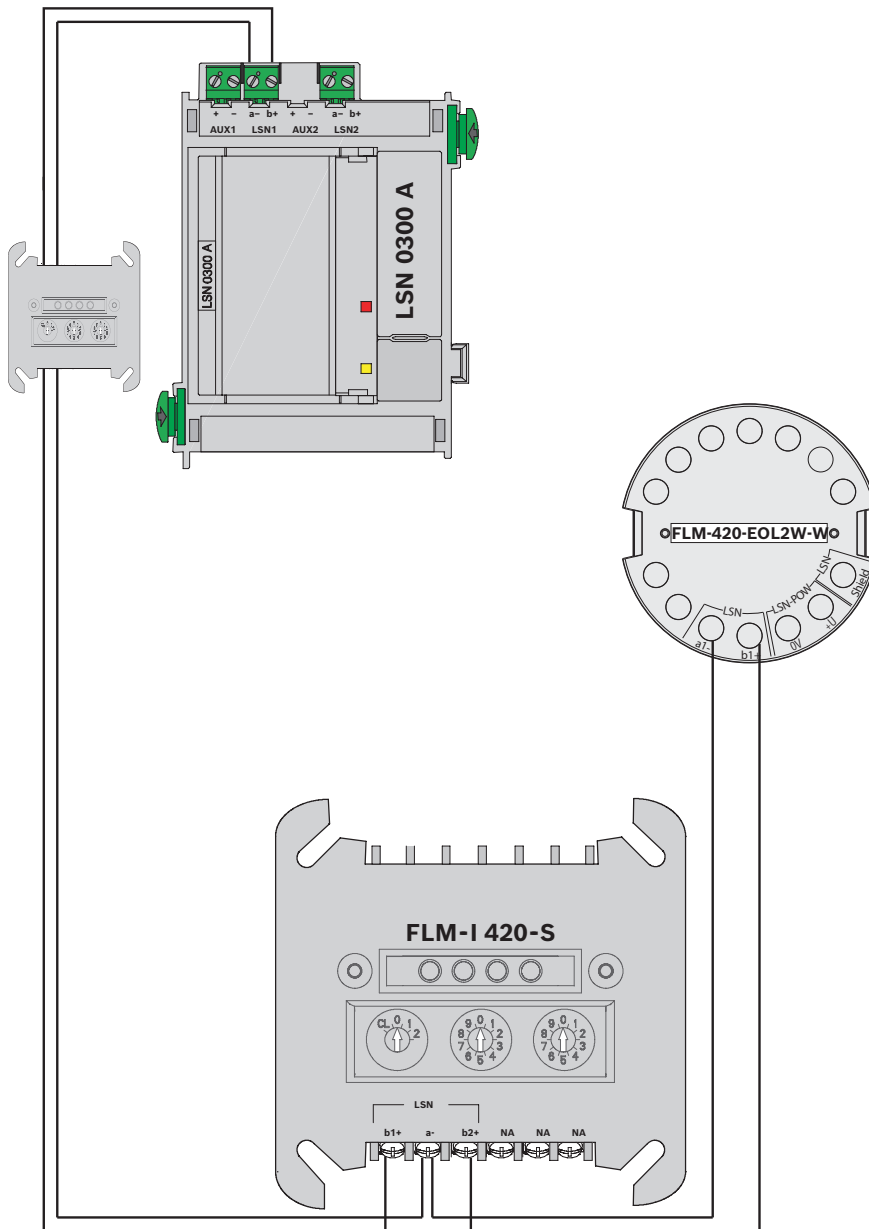
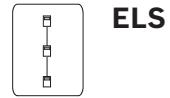
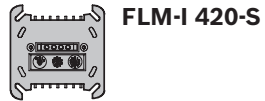
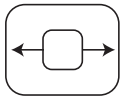


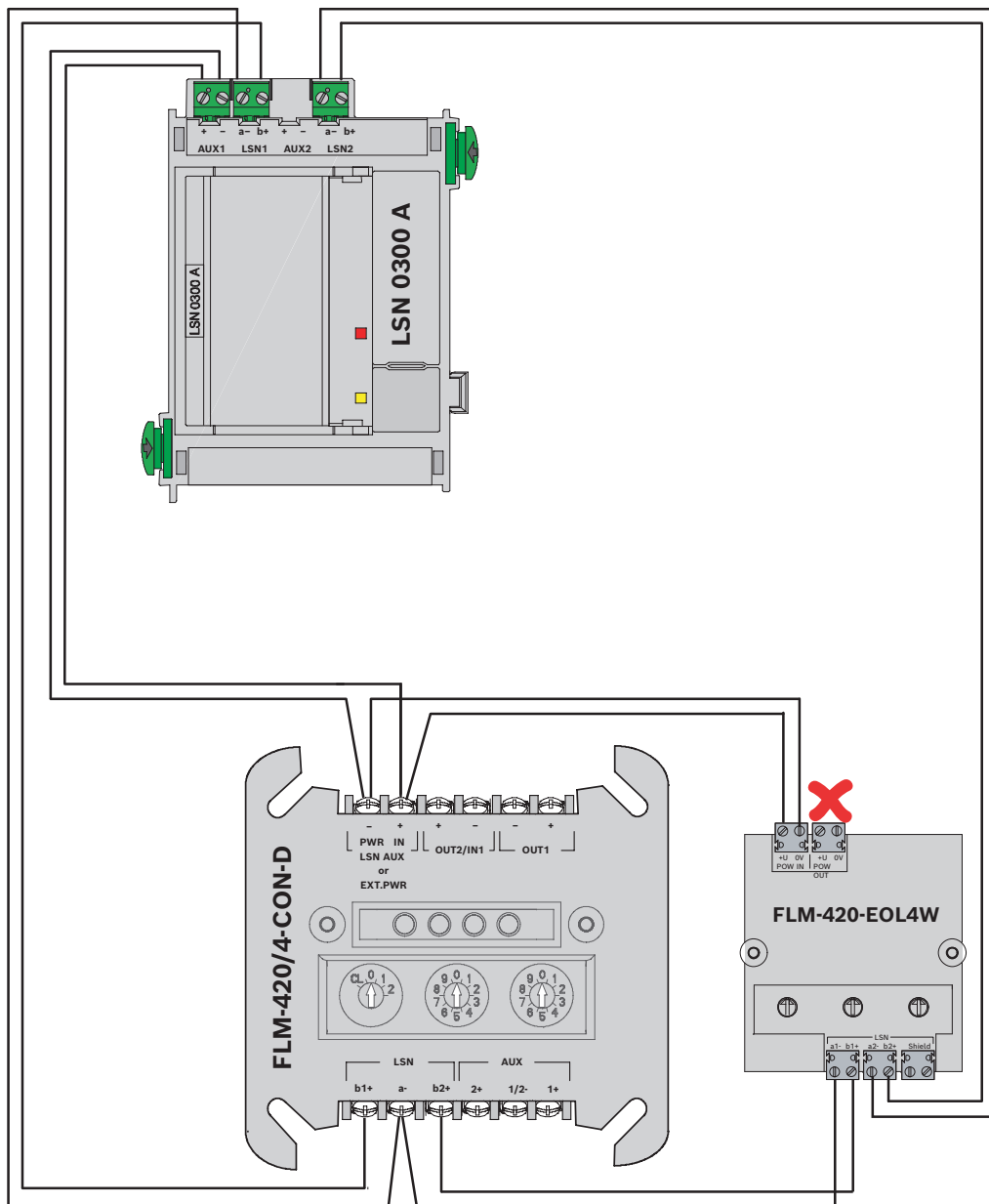
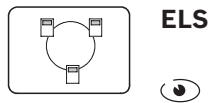
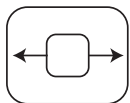
FLM-420-I2-E/-W
FLM-420-RLV1-E

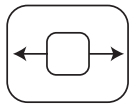


ELS

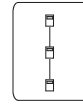




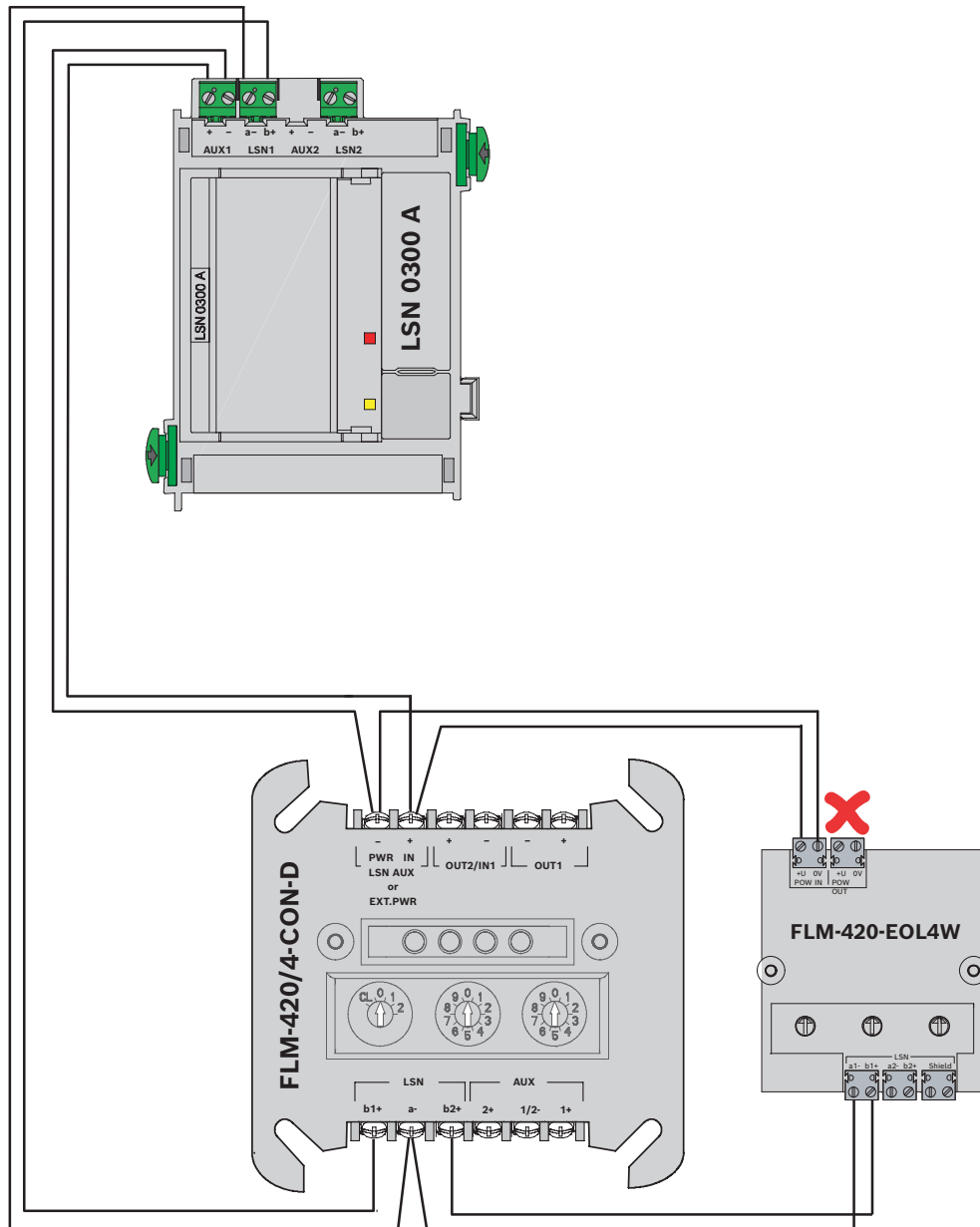


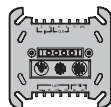
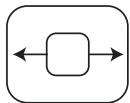


**FLM-420/
4-CON-D**

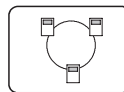


ELS

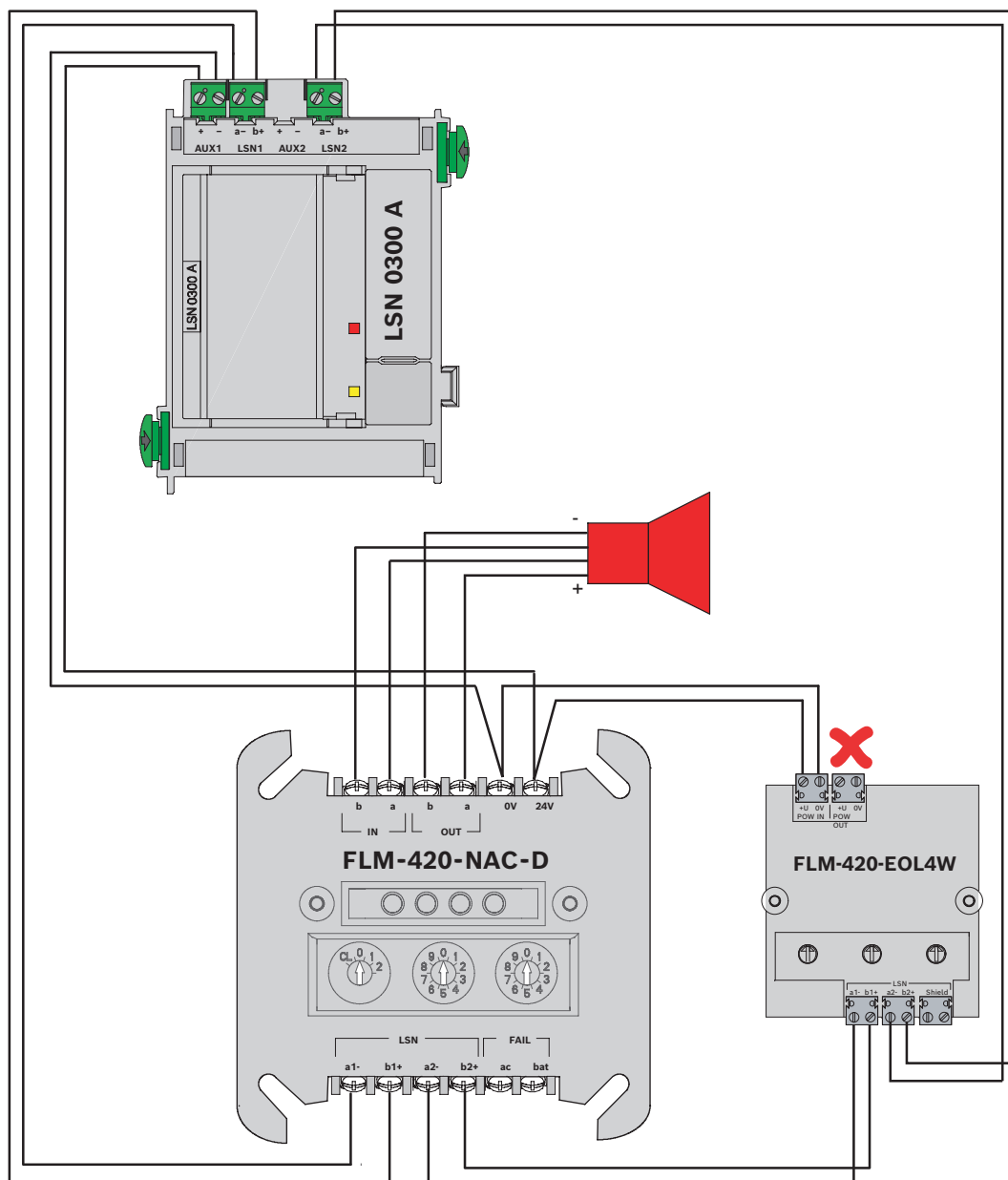


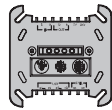
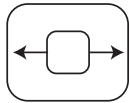


FLM-420-NAC-D/S

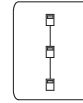


ELS
EN 54-2

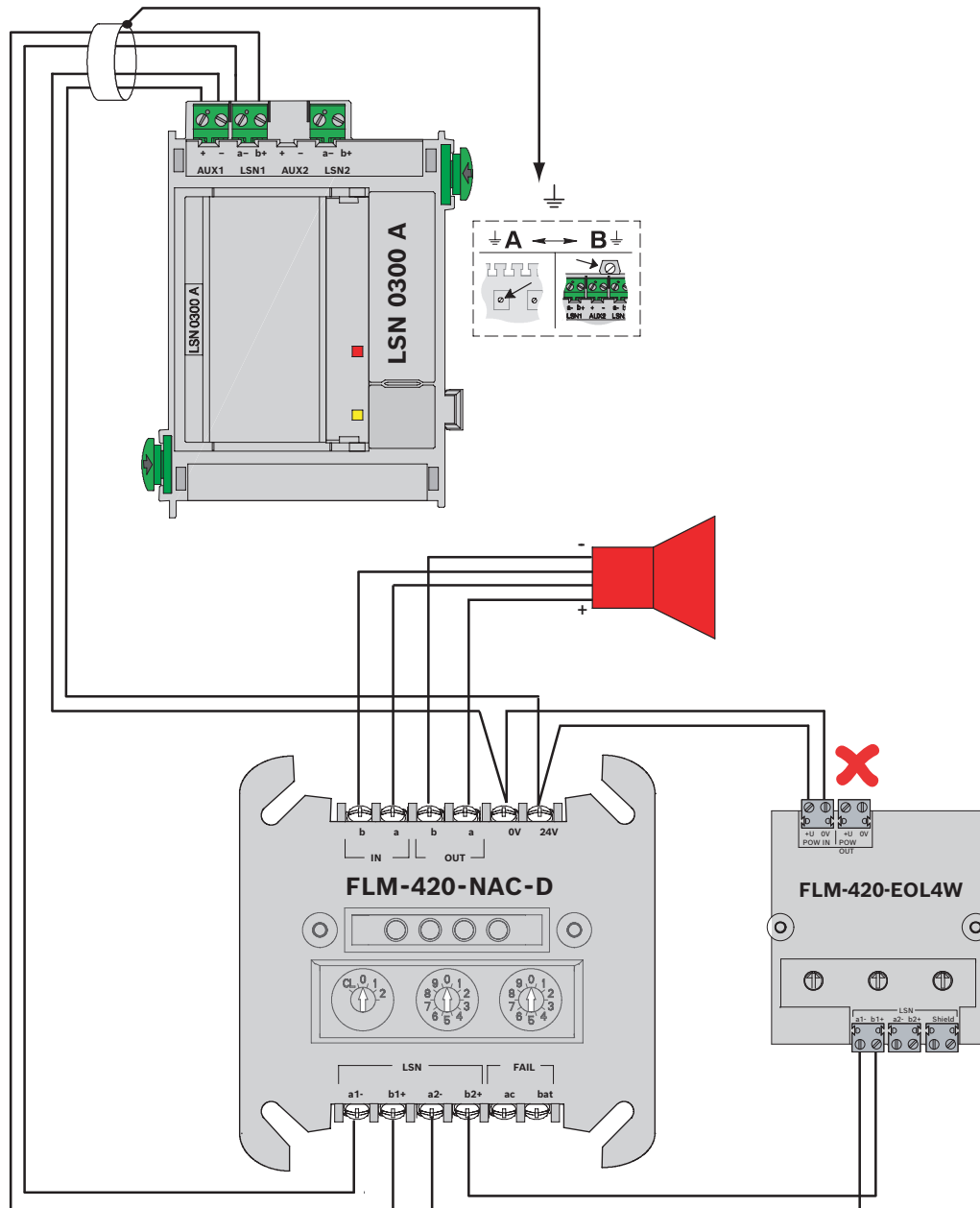


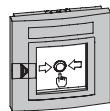


FLM-420-NAC-D/S

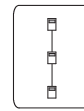


ELS

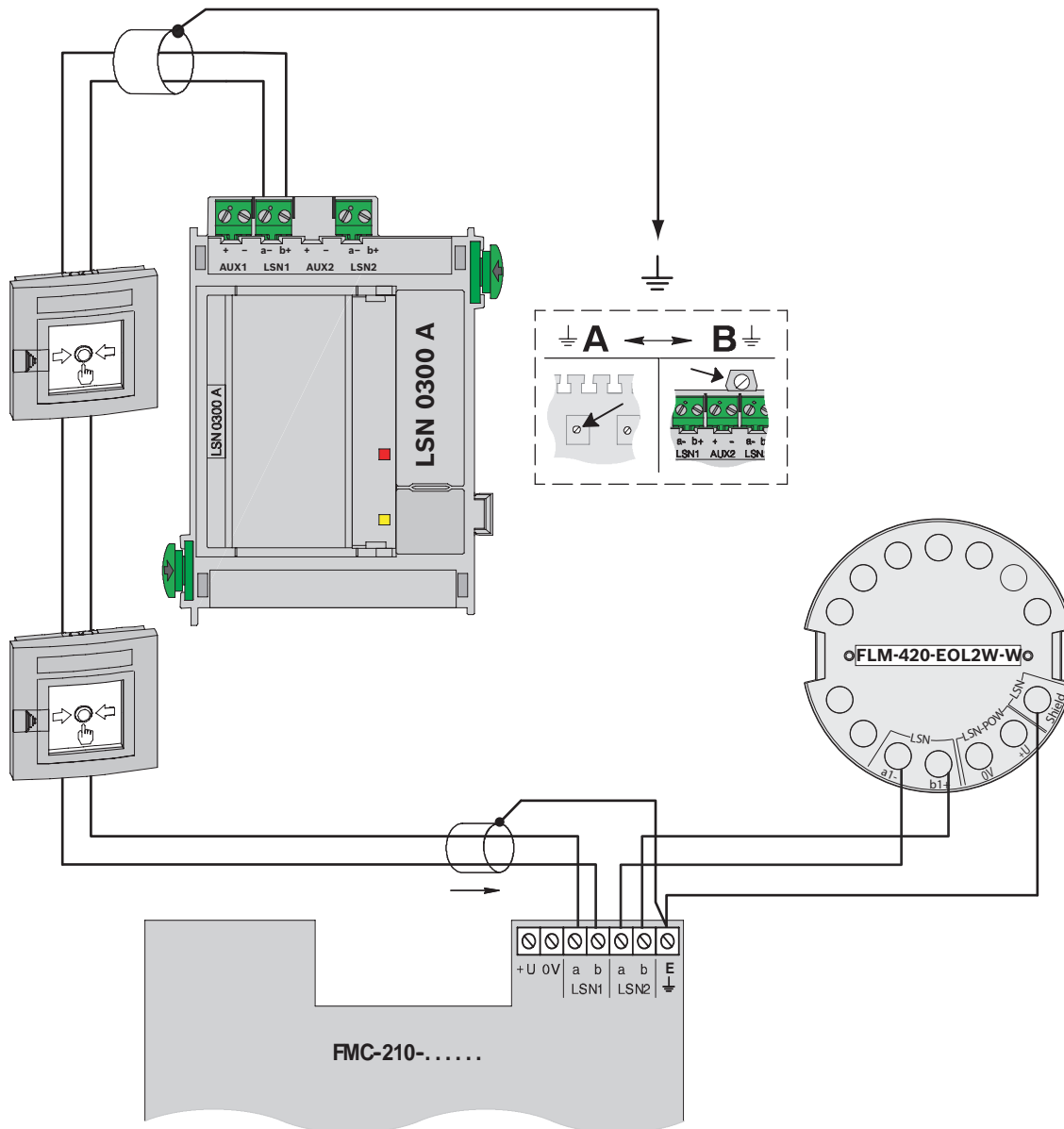


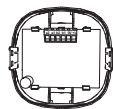


FMC-210...

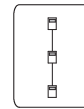


ELS

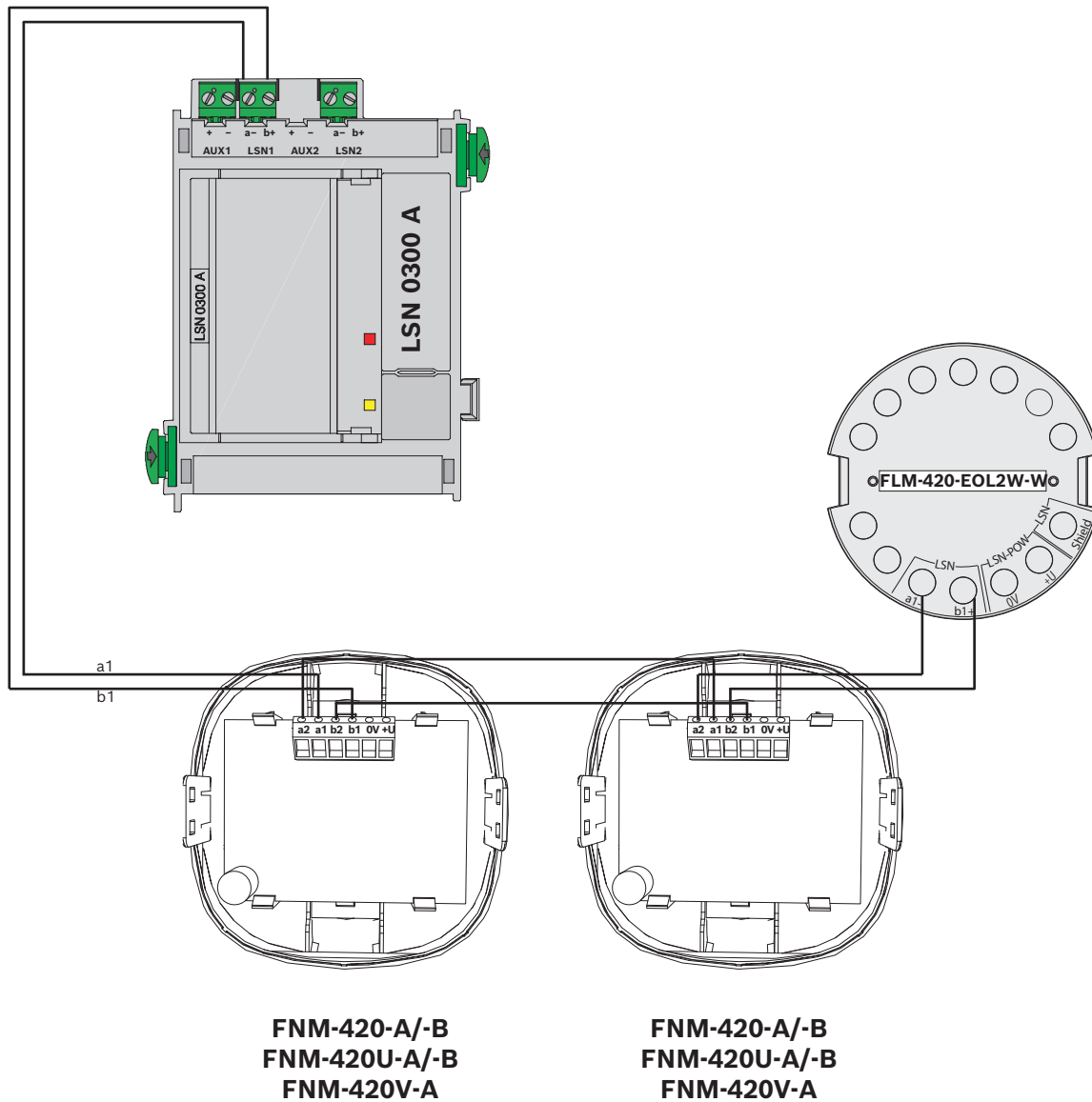




FNM-420-A /-B
FNM-420U-A /-B
FNM-420V-A



ELS

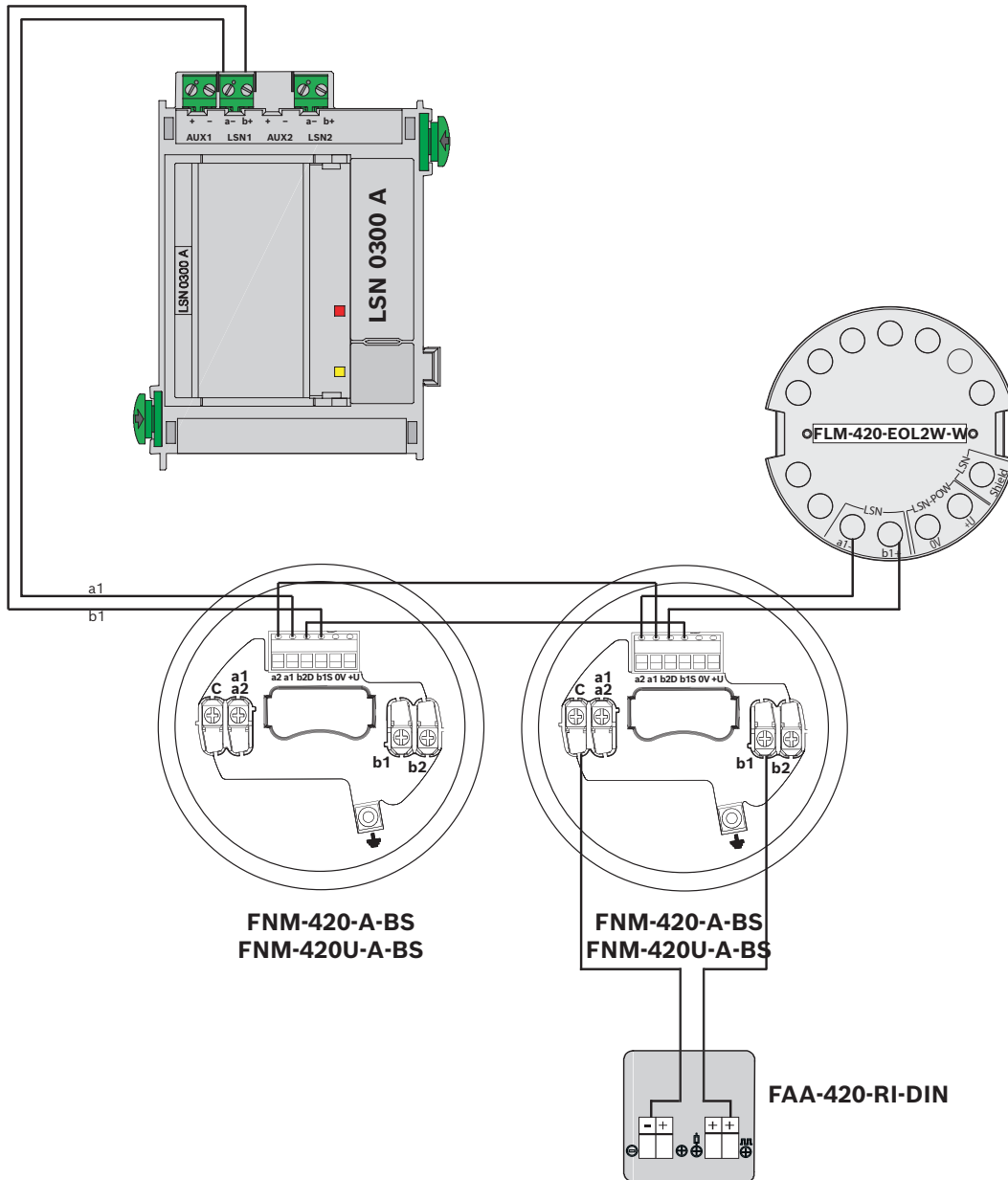




FNM-420-A-BS
FNM-420U-A-BS



ELS

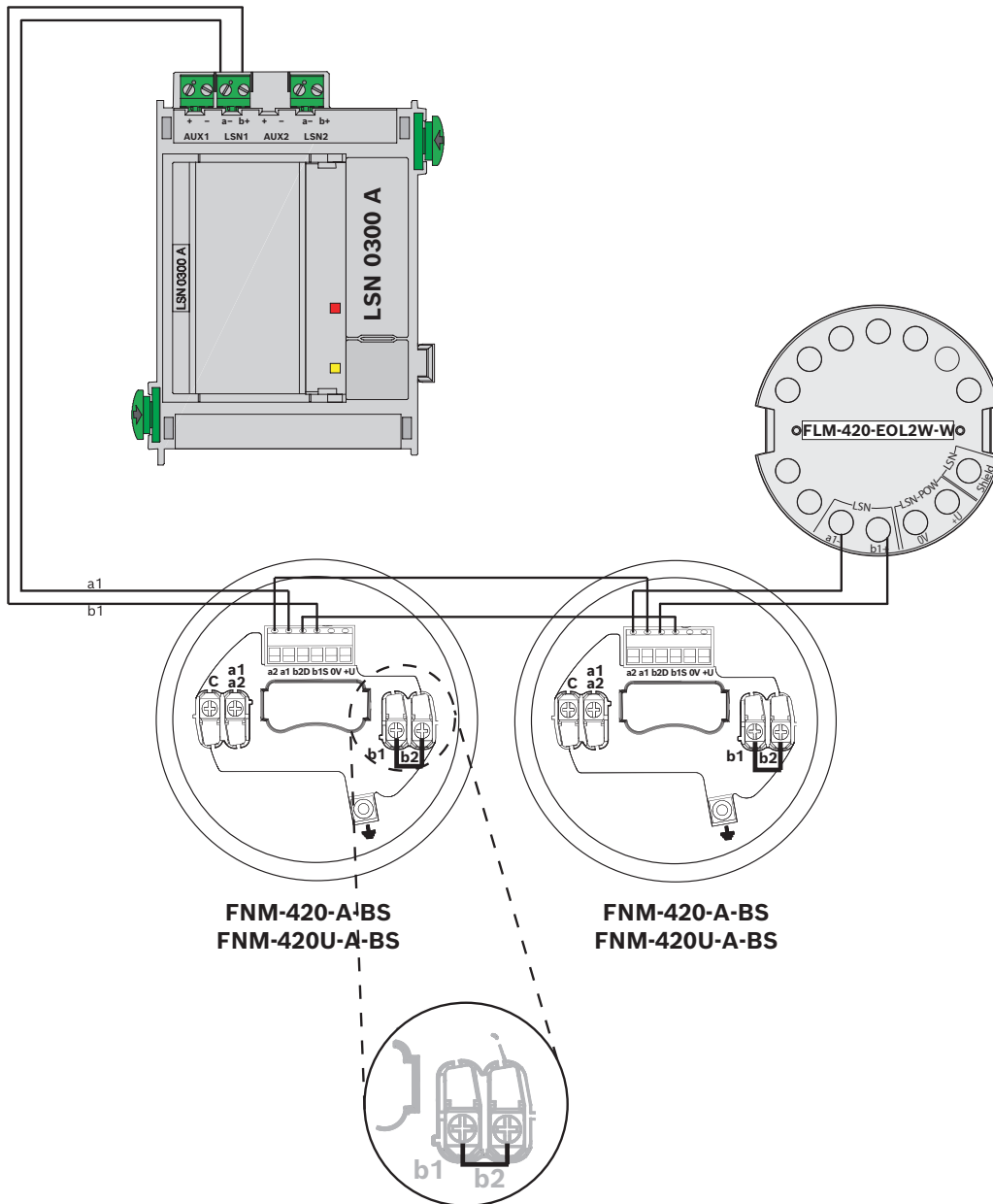


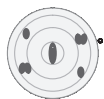


FNM-420-A-BS
FNM-420U-A-BS



ELS

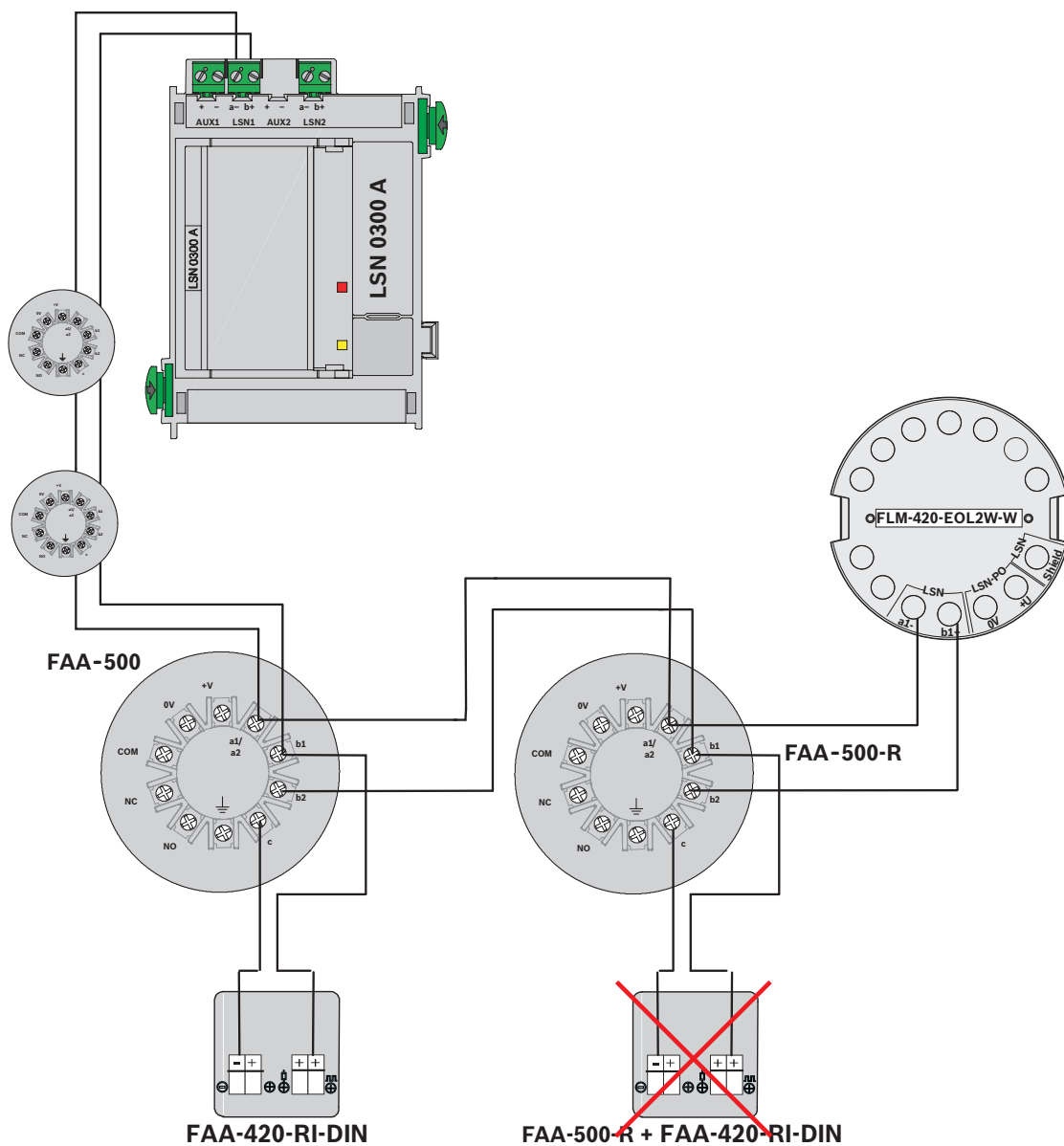


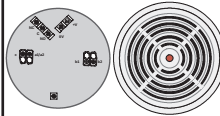


FAP-0520
FAP-0520-P
FAP-OC520
FAP-OC-520-P

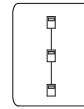


ELS

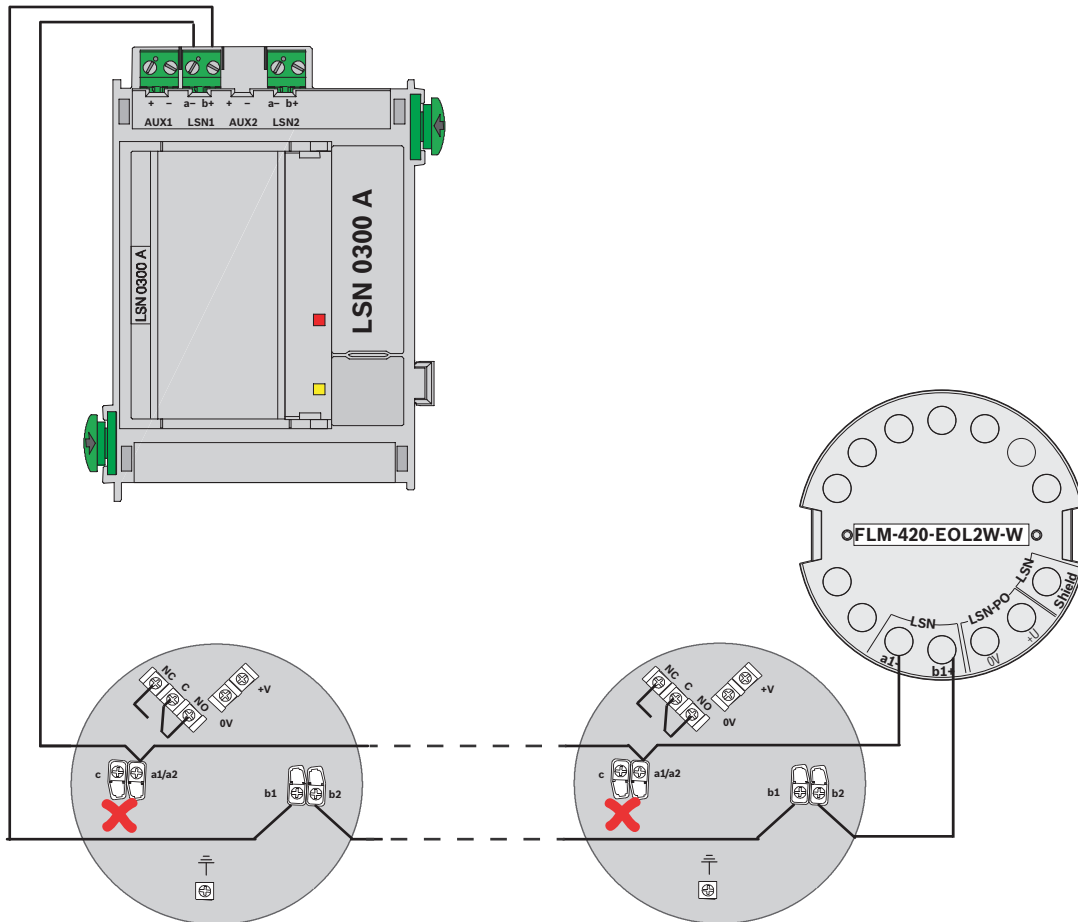


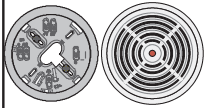


FAA-MSR-420
FAP-425-O, FAP-425-O-R
FAP-425-OT, FAP-425-OT-R
FAP-425-T-R
FAP-425-DO-R, FAP-425-DOT-R
FAP-425-DOTC-R, FAP-425-DOTCO-R

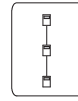


ELS

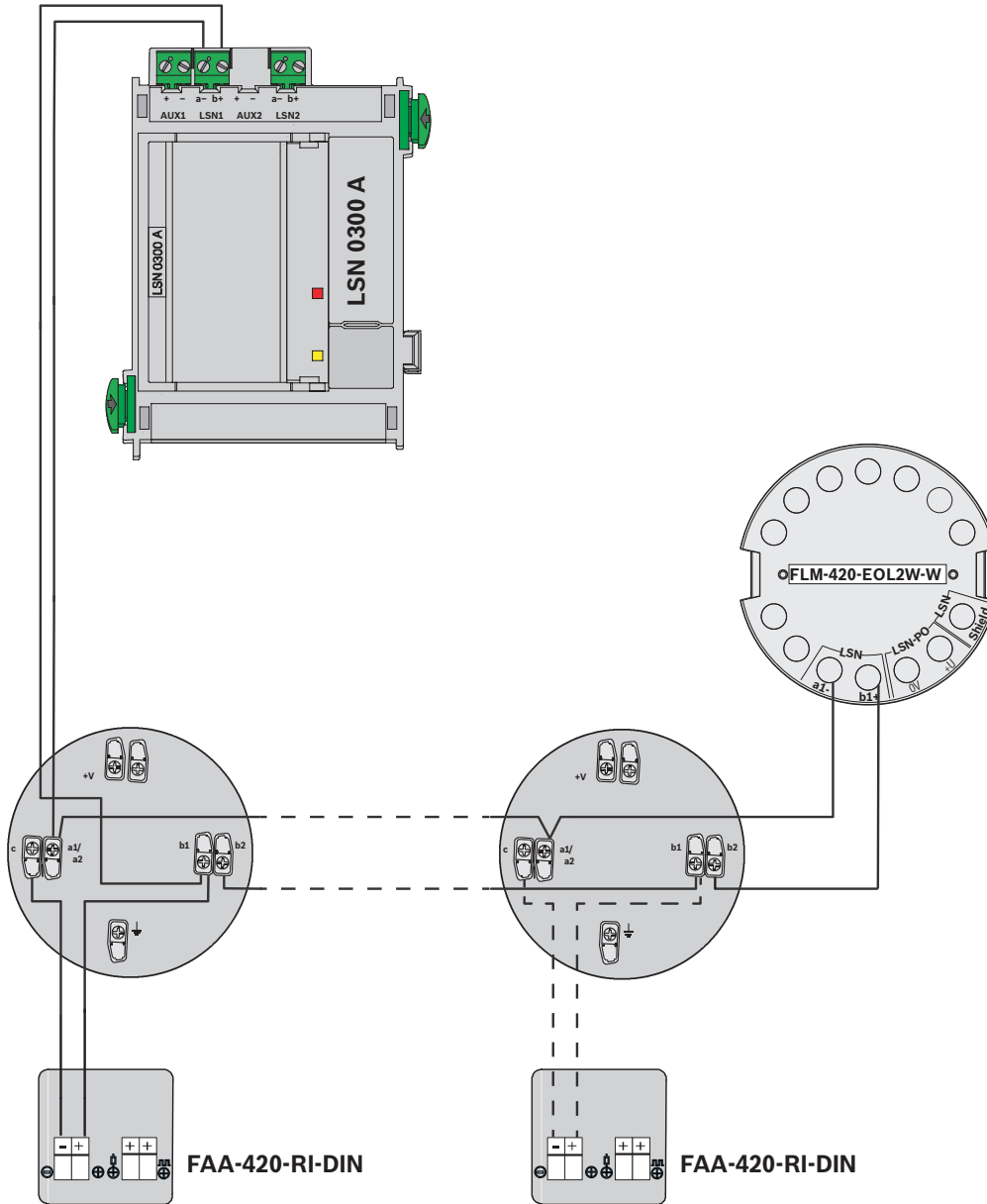


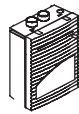


MS 400, MS 400 B
 FAP-425-O, FAP-425-O-R
 FAP-425-OT, FAP-425-OT-R
 FAP-425-T-R
 FAP-425-DO-R, FAP-425-DOT-R
 FAP-425-DOTC-R, FAP-425-DOTCO-R

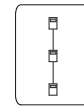


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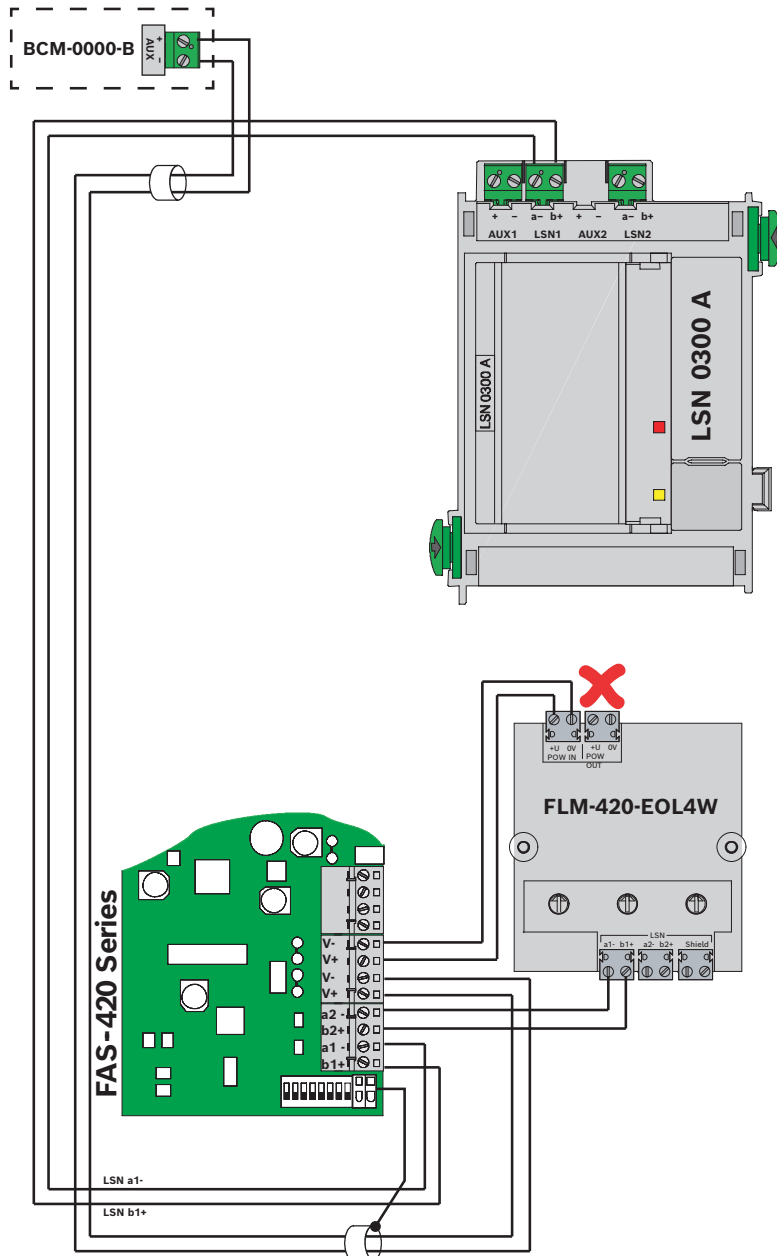


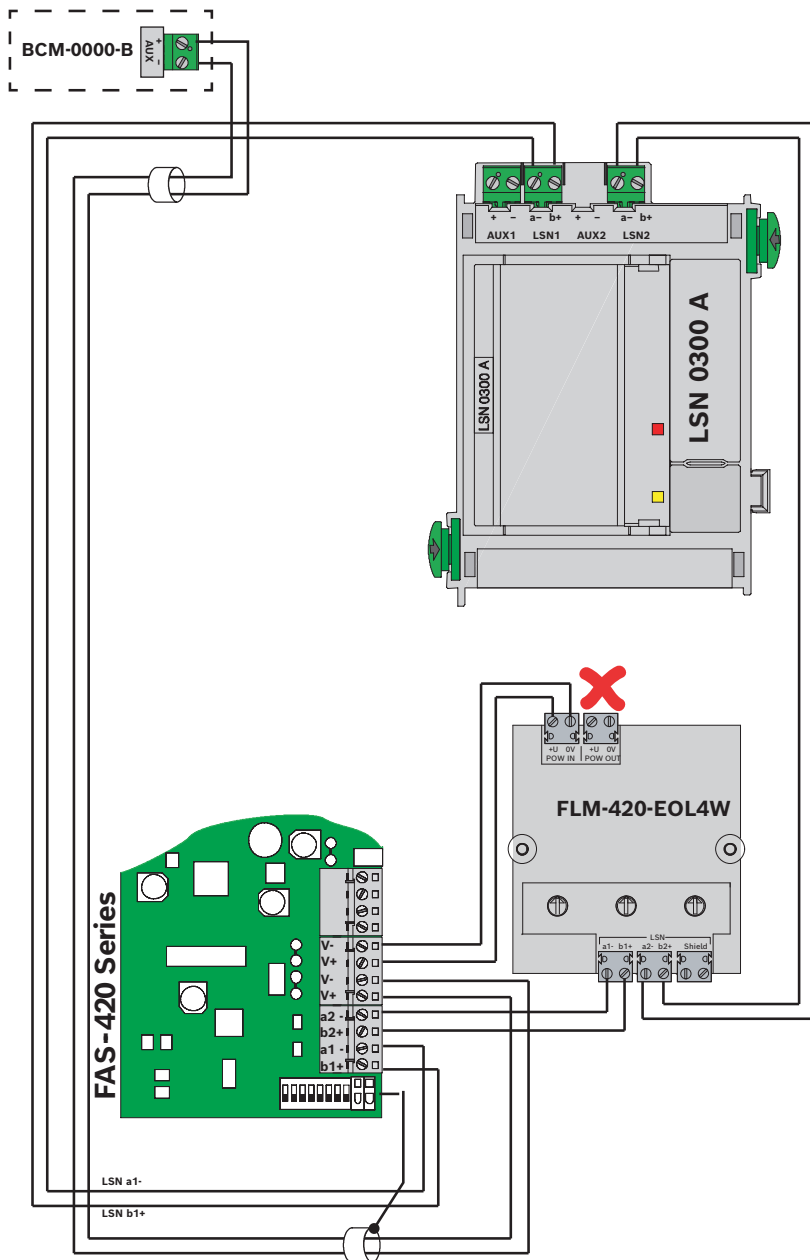
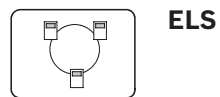


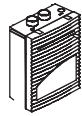
FAS-420 Series



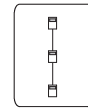
ELS



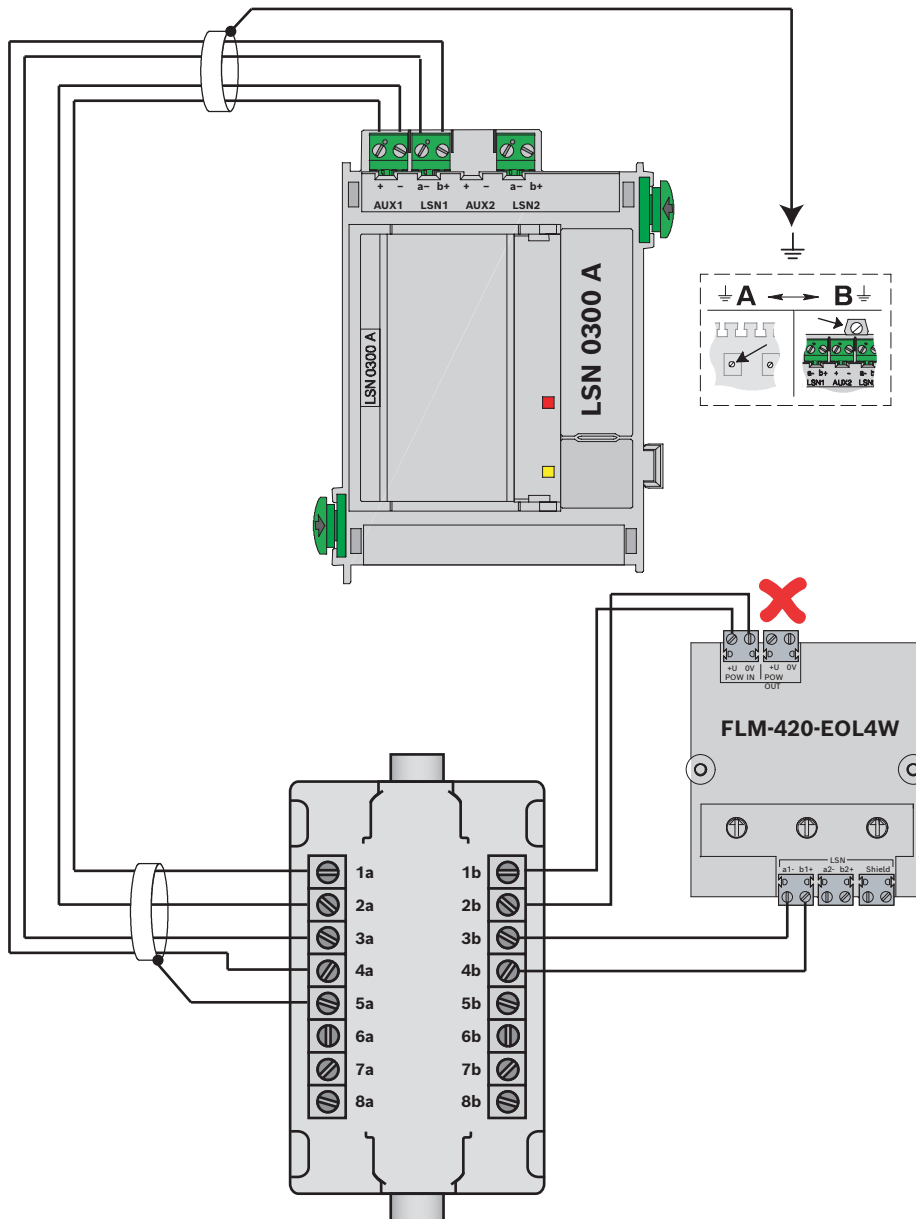


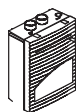


FAS-420-TM Series

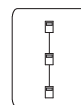


ELS

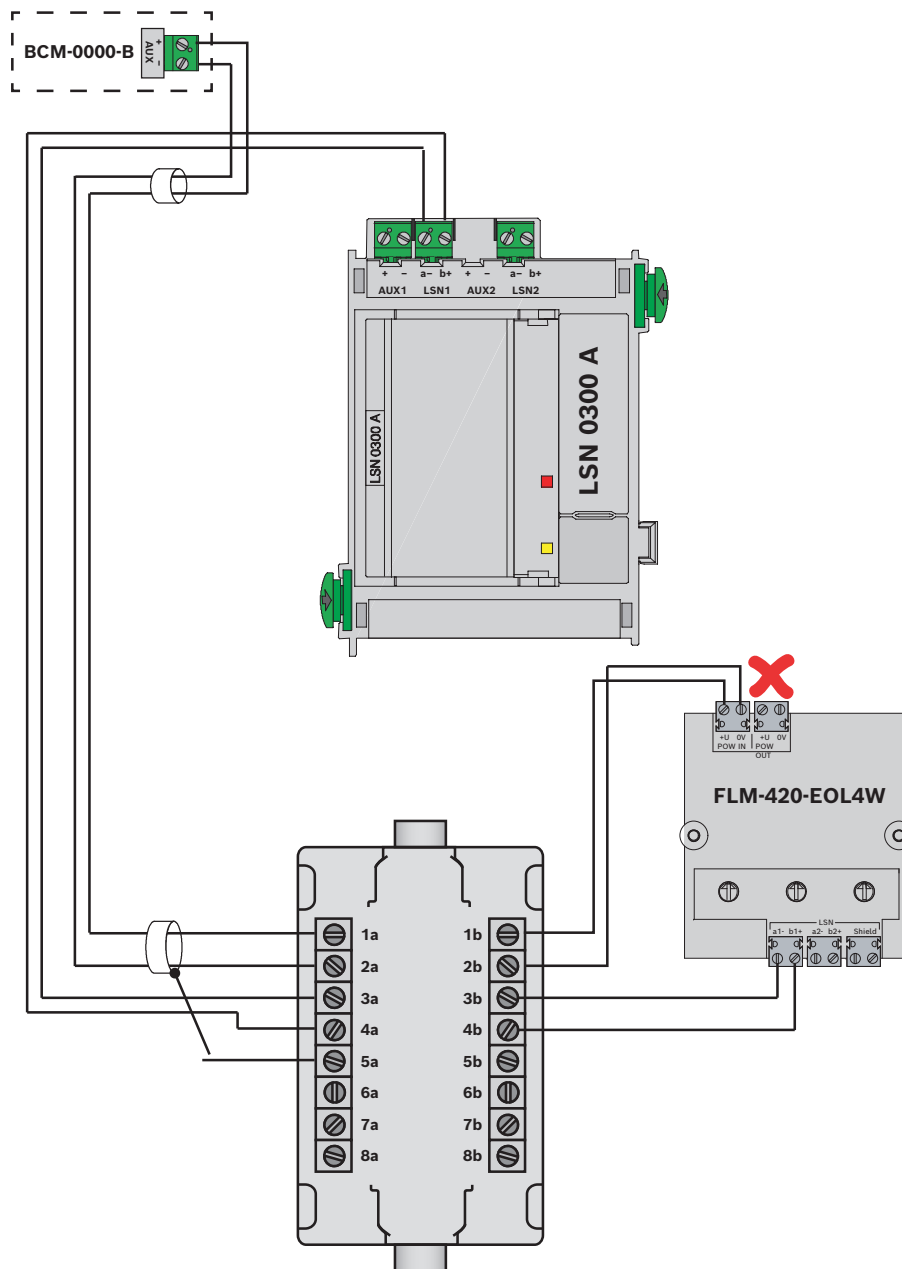


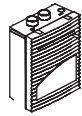


FAS-420-TM Series

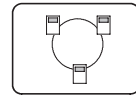


ELS

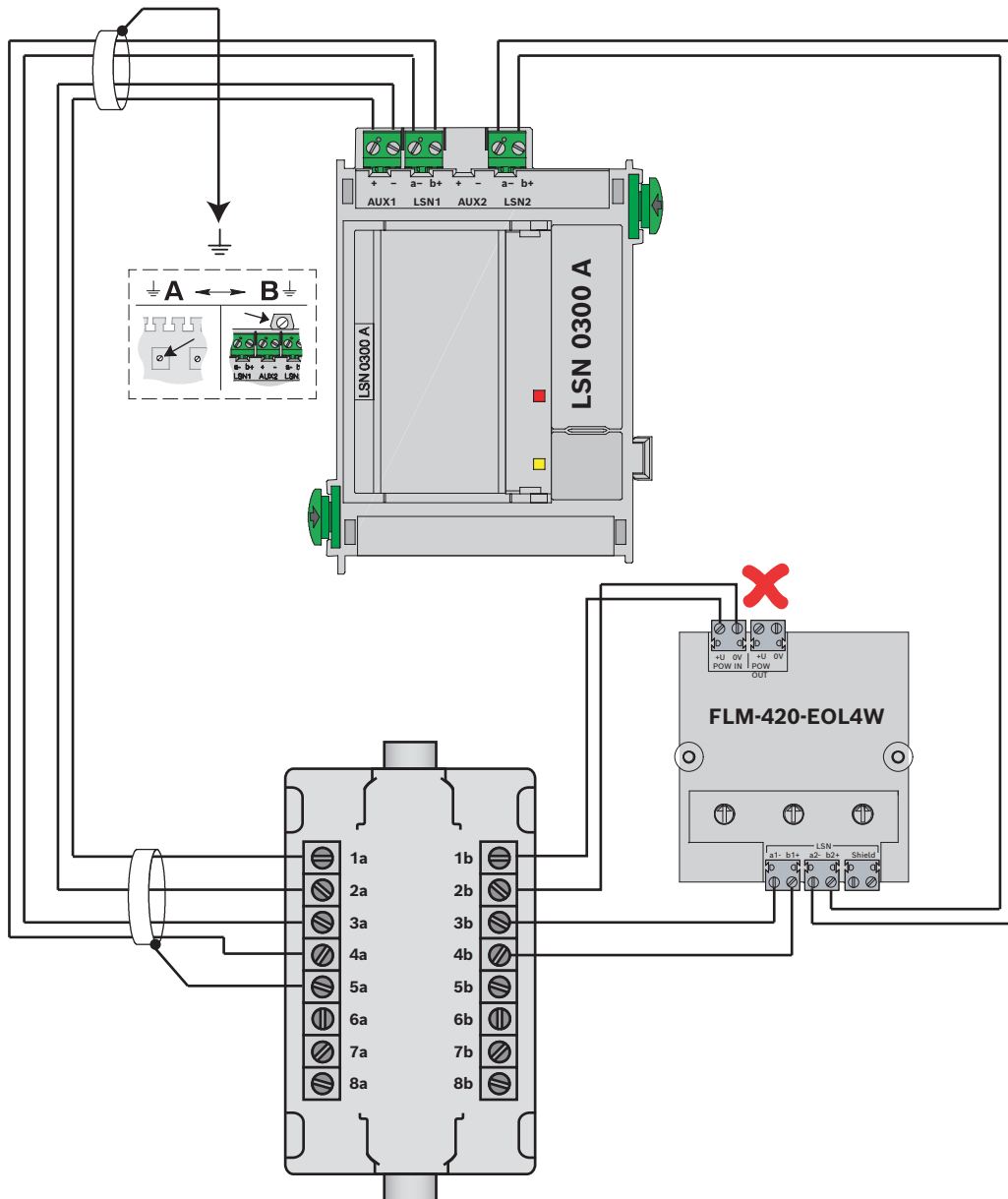


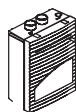


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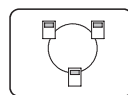


ELS

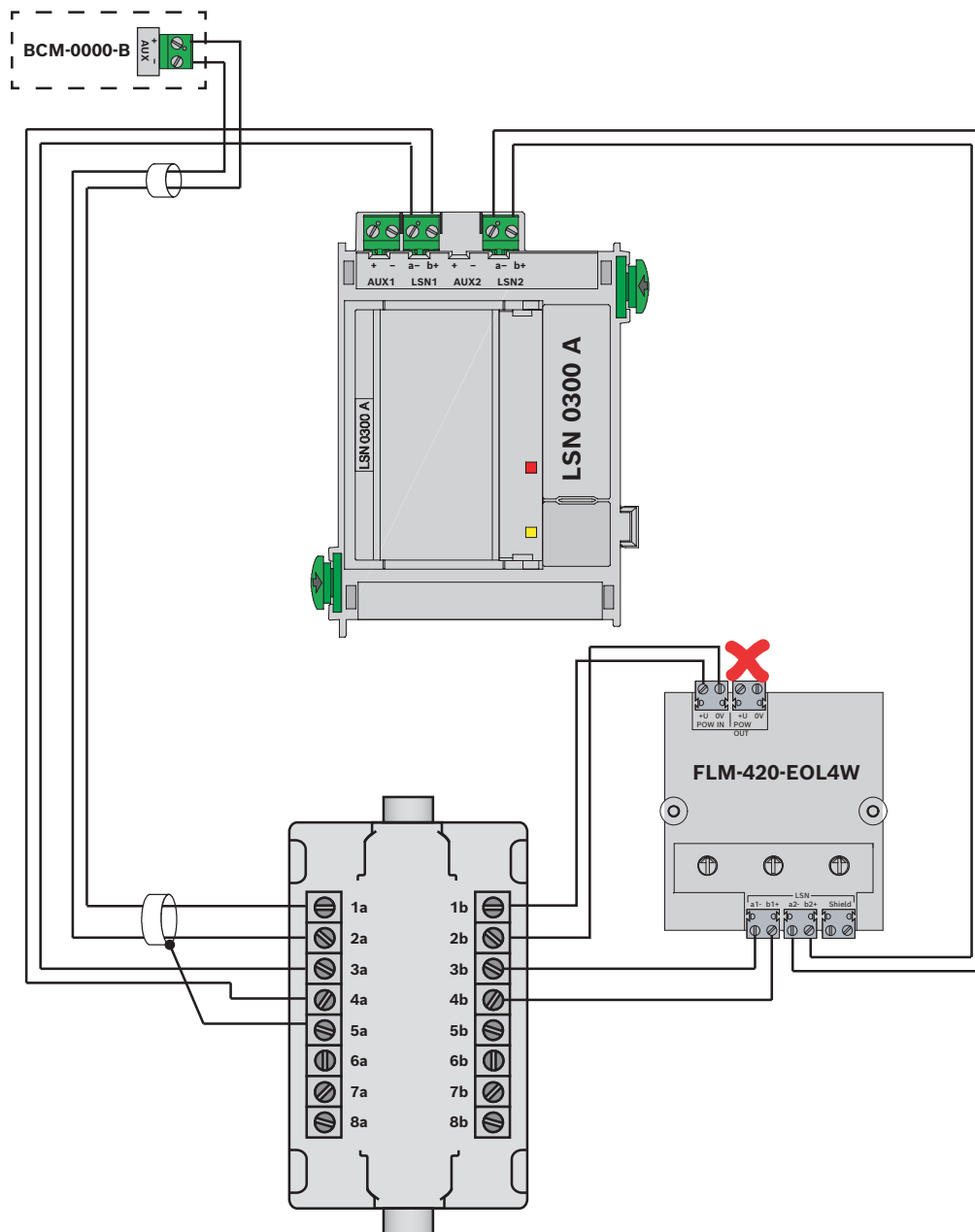




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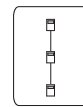


ELS

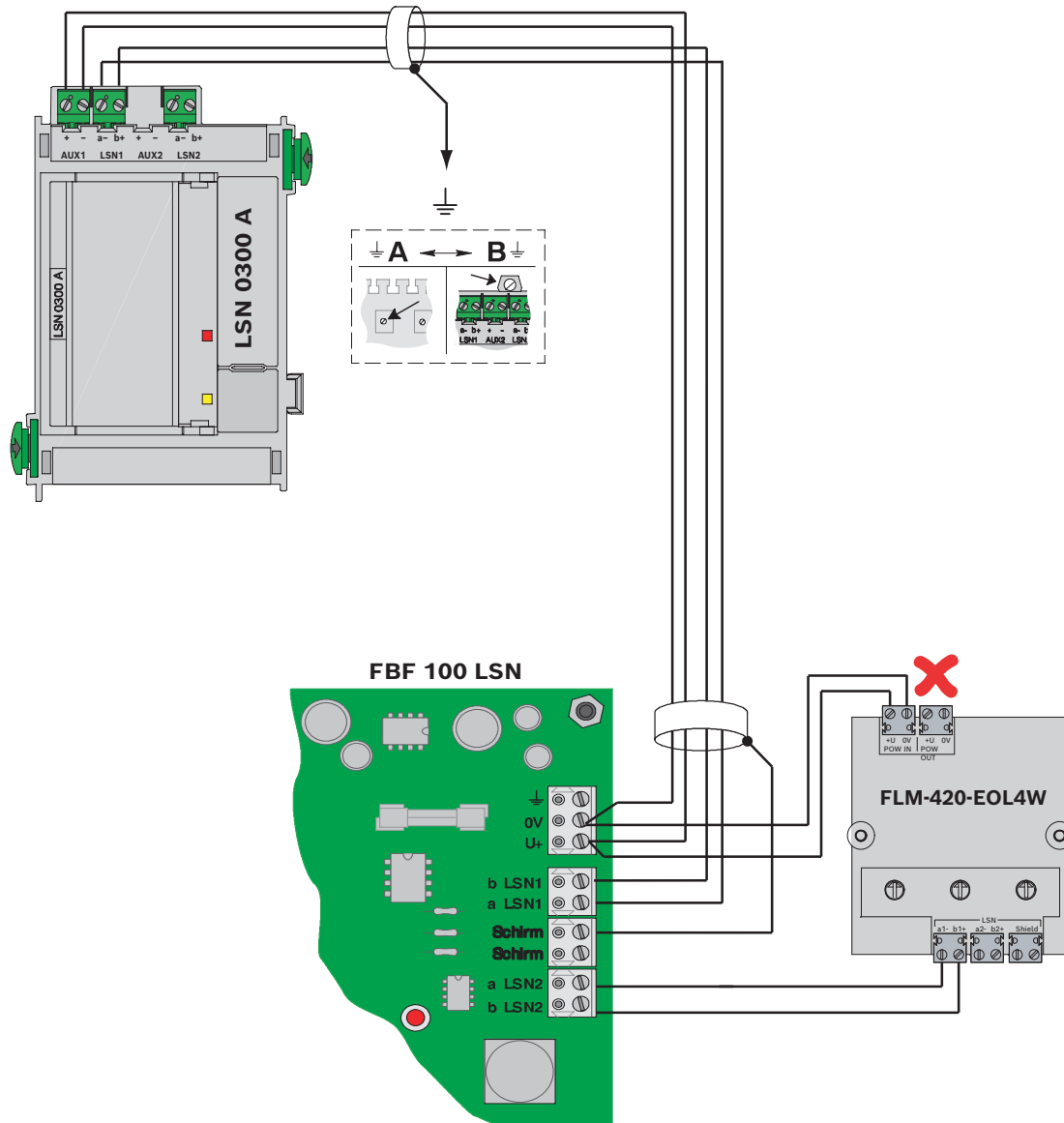




FBF 100 LSN

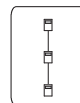


ELS

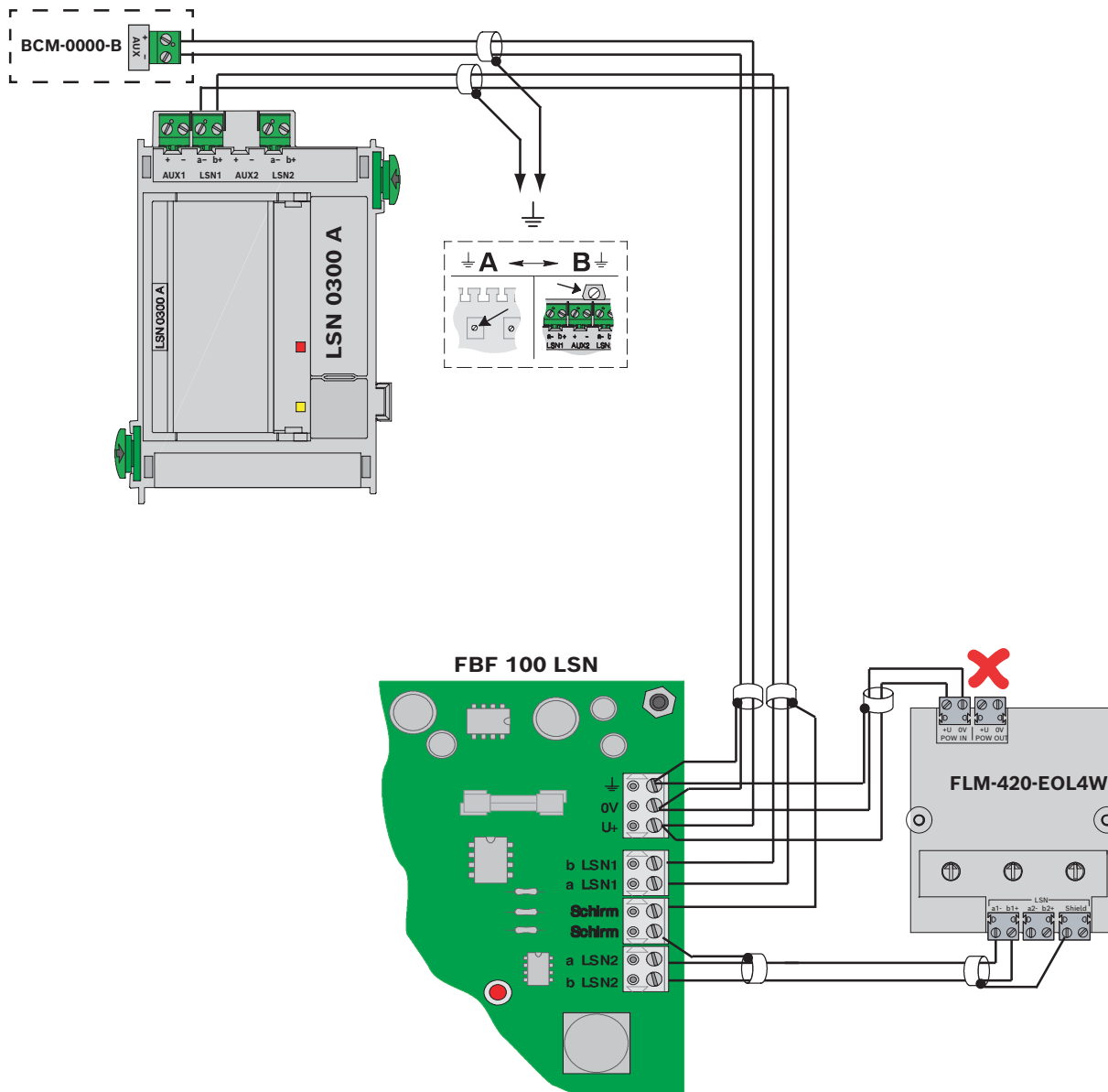




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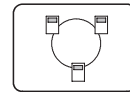


ELS

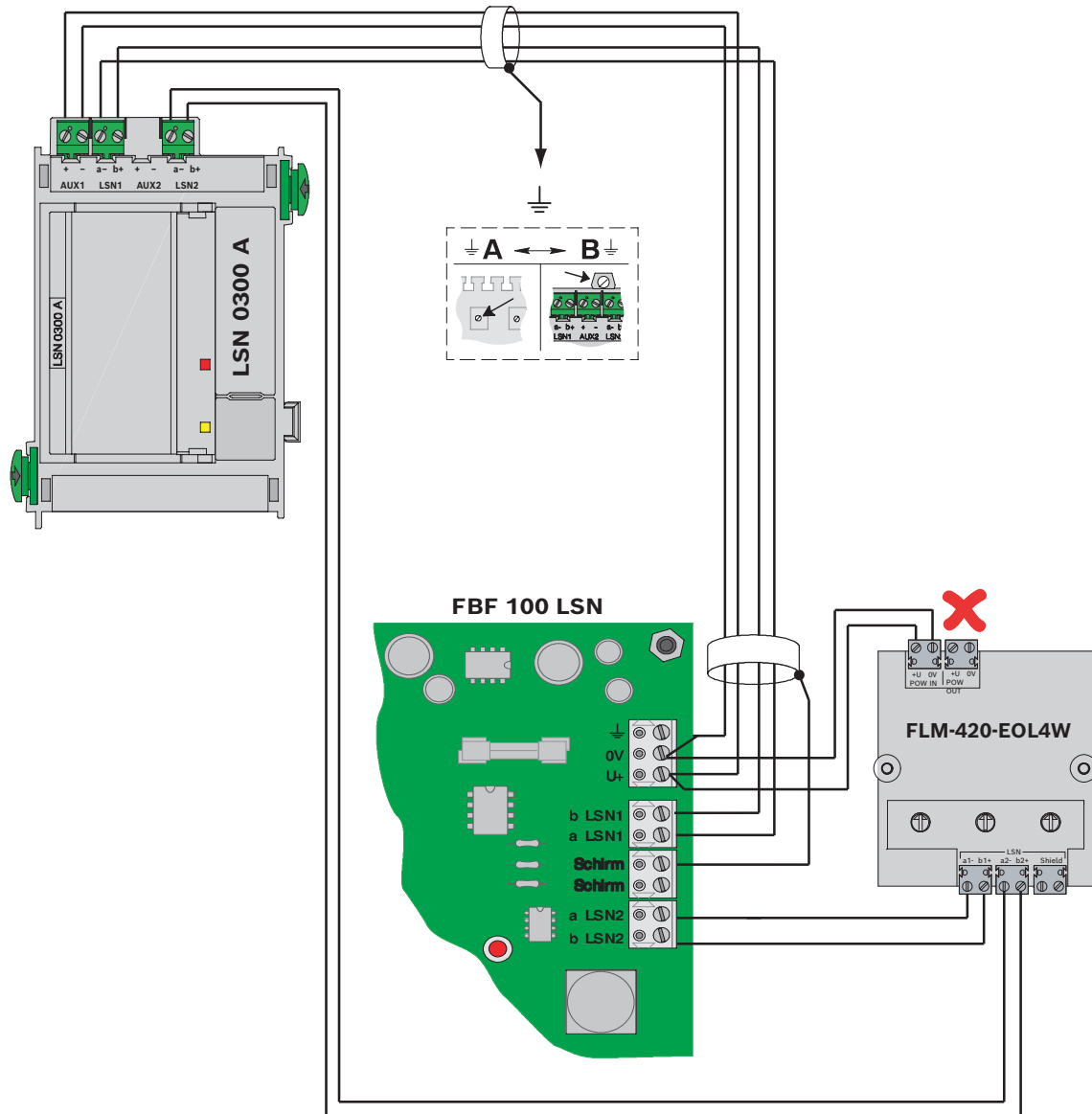




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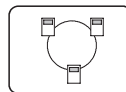


ELS

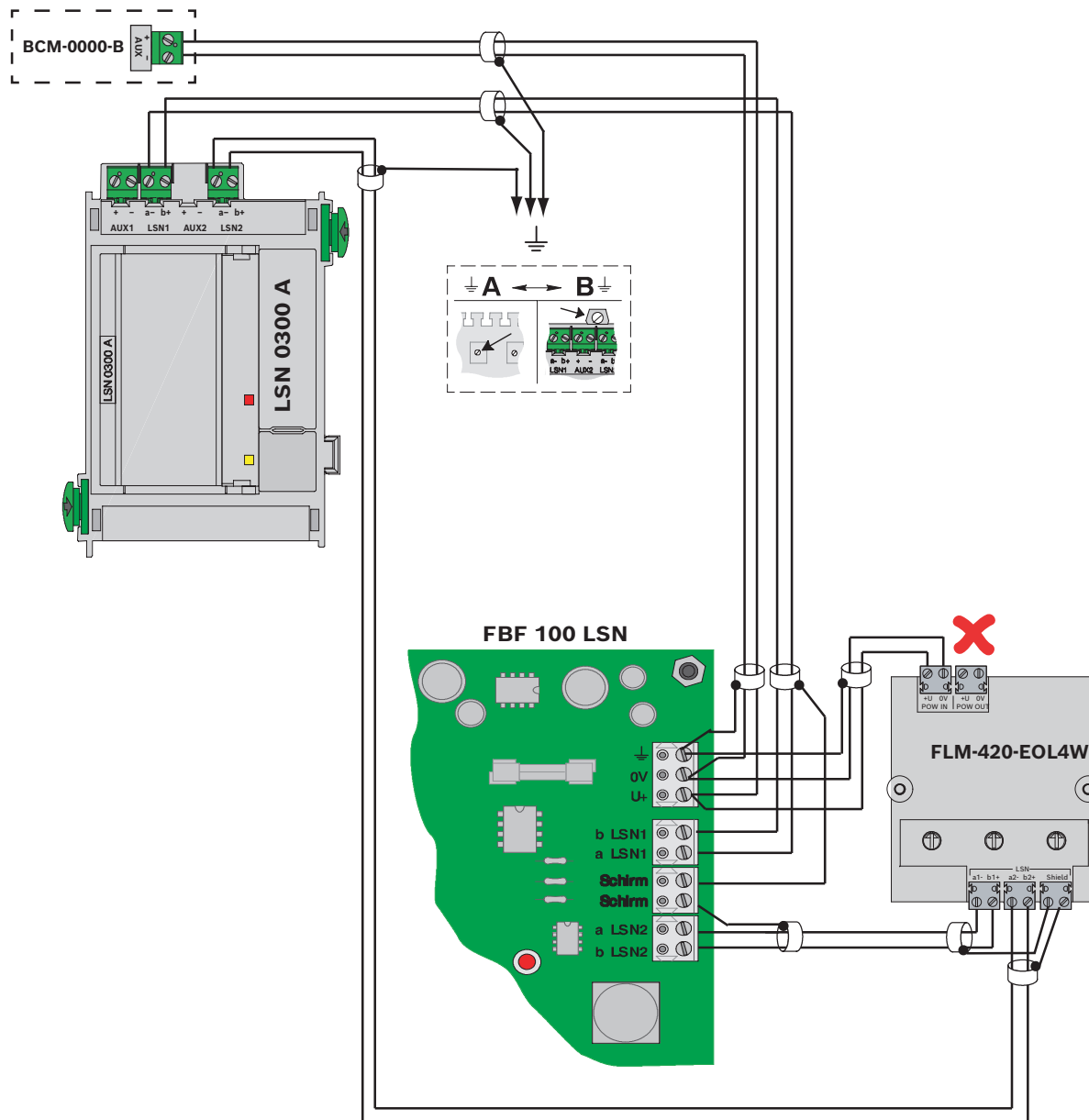


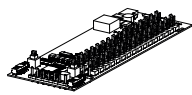


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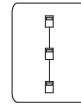


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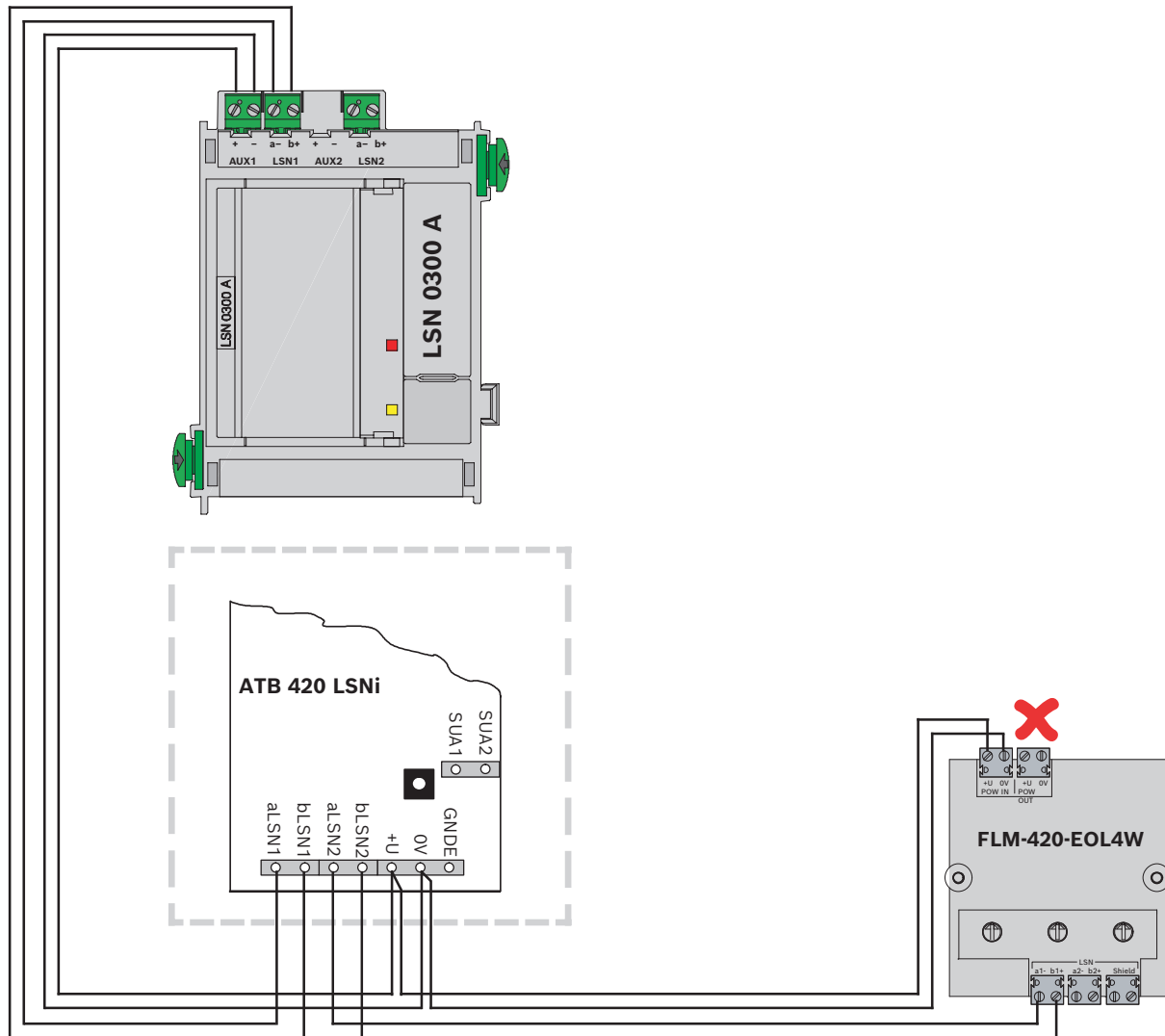


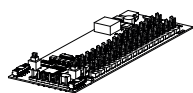


ATB 420 LSNi

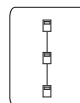


ELS

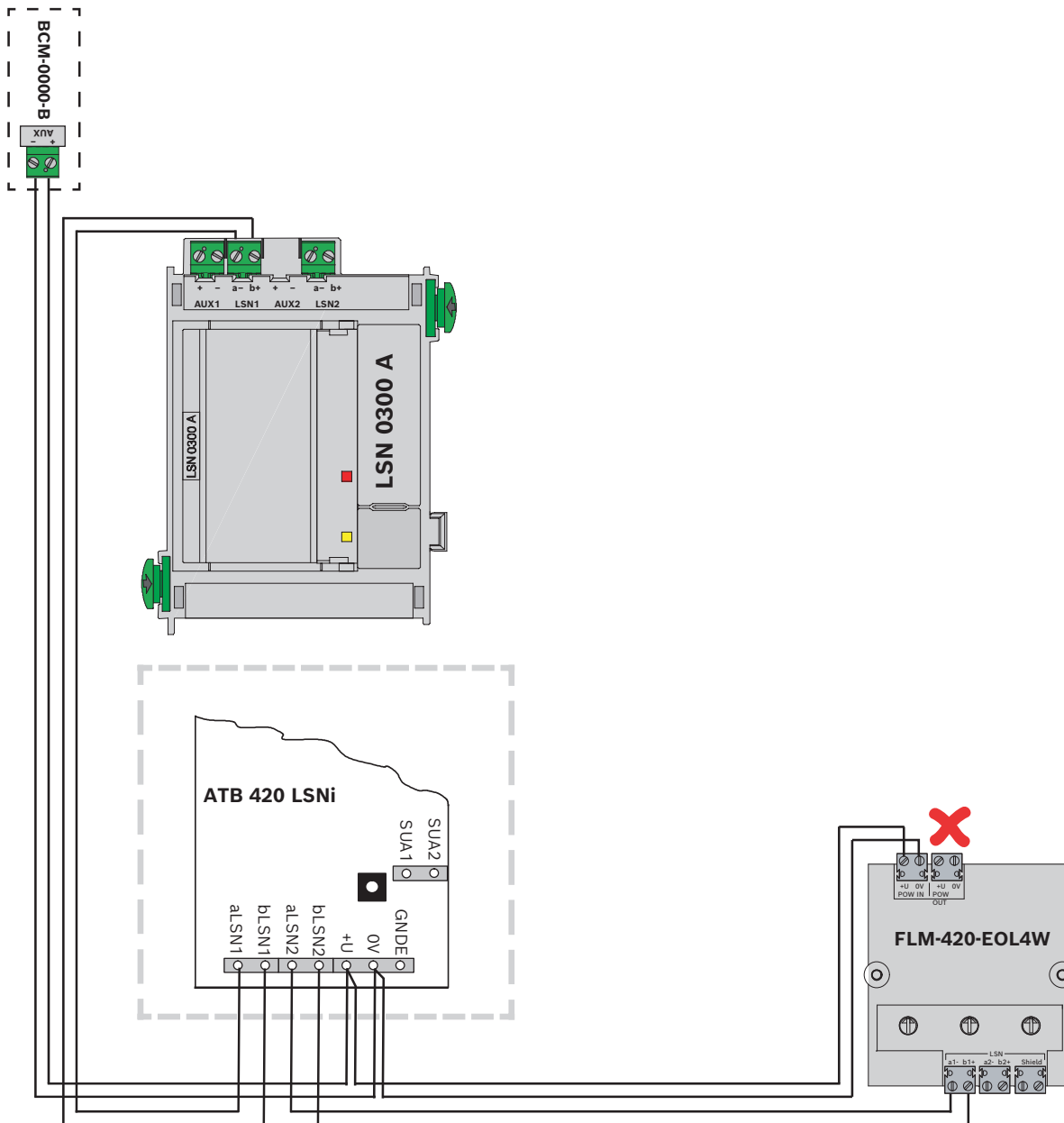


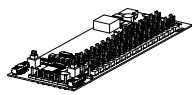


ATB 420 LSNi

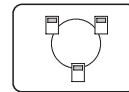


ELS

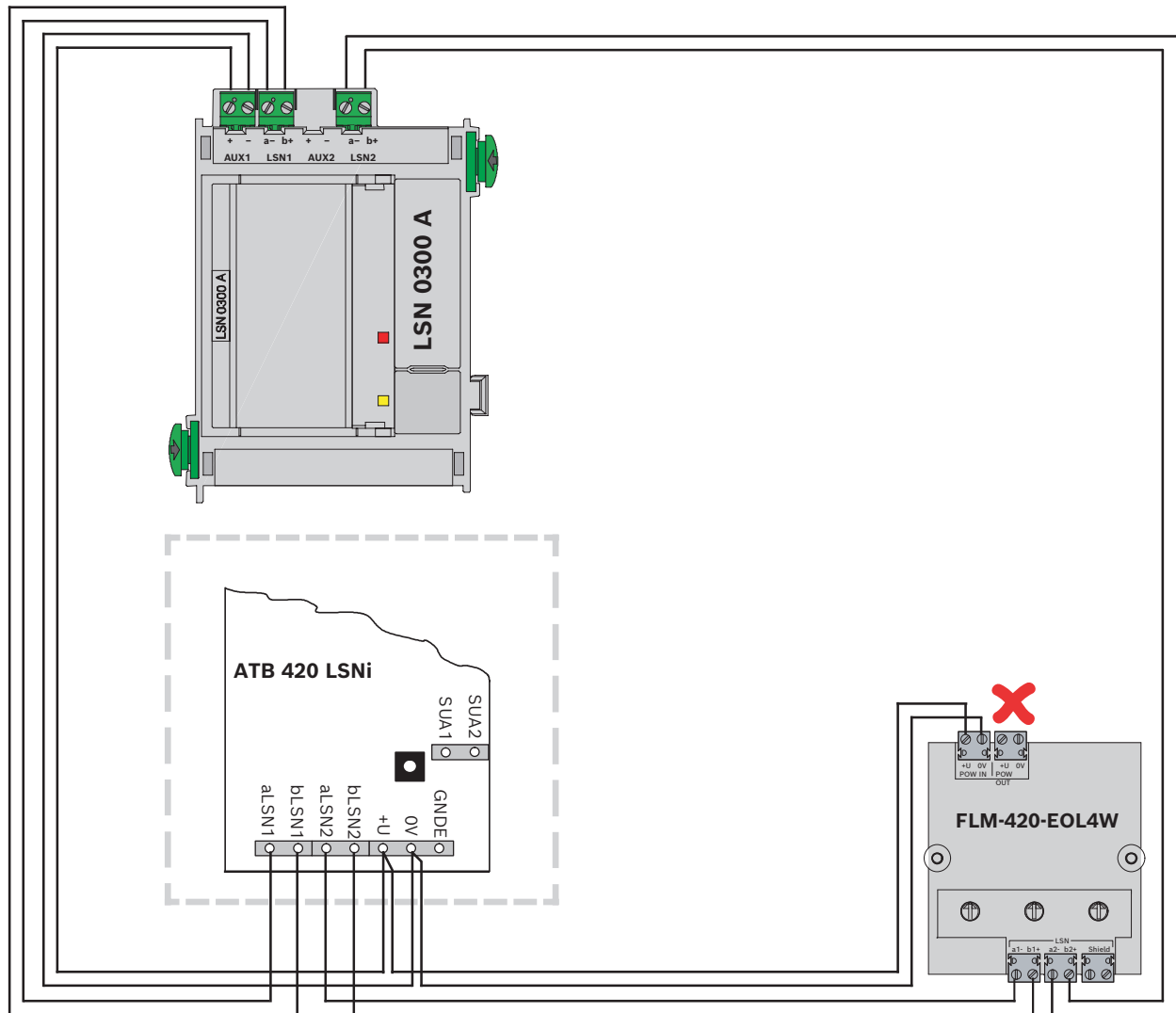


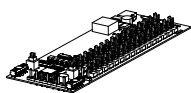


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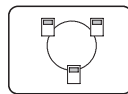


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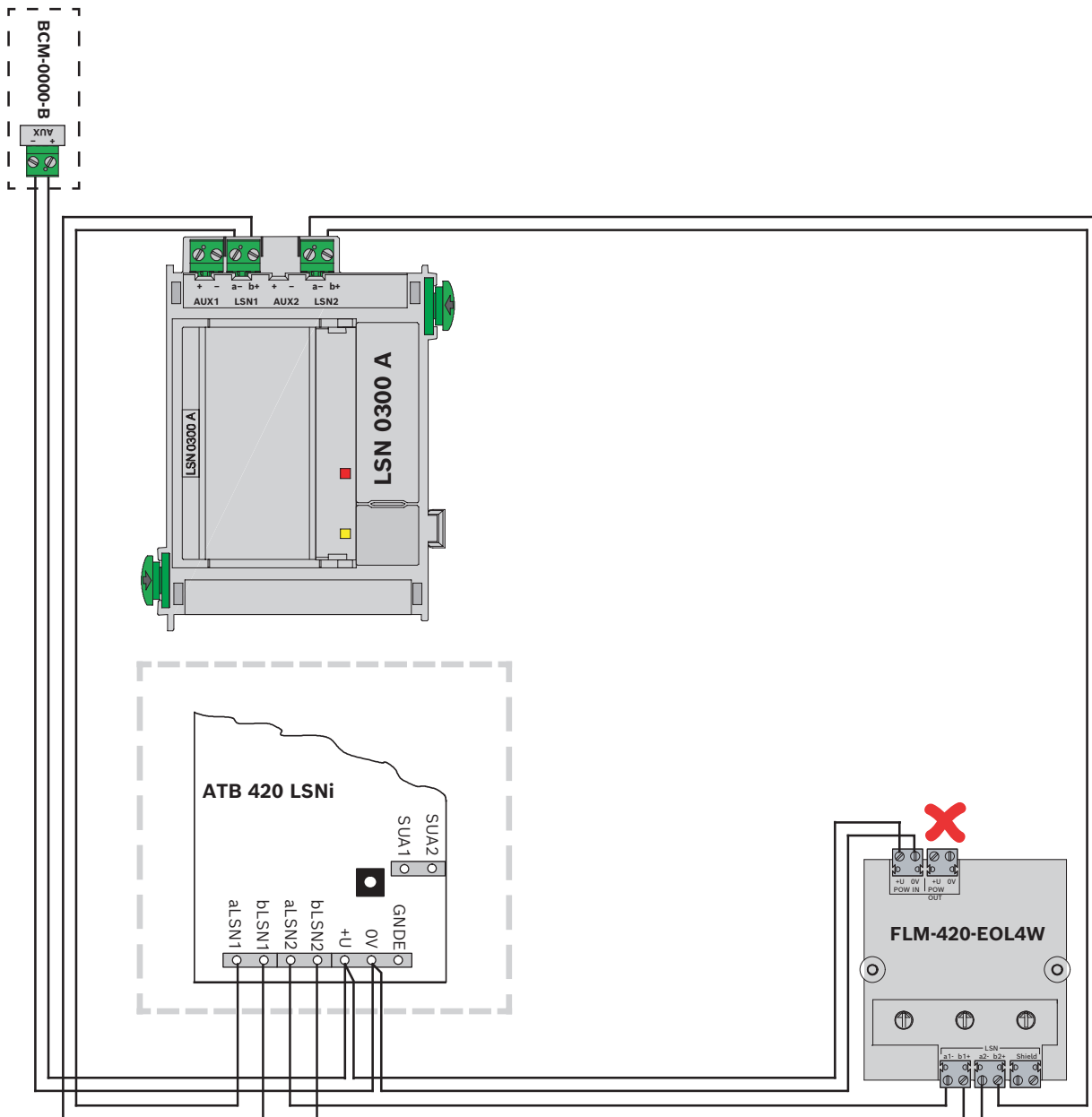




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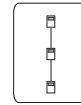


ELS

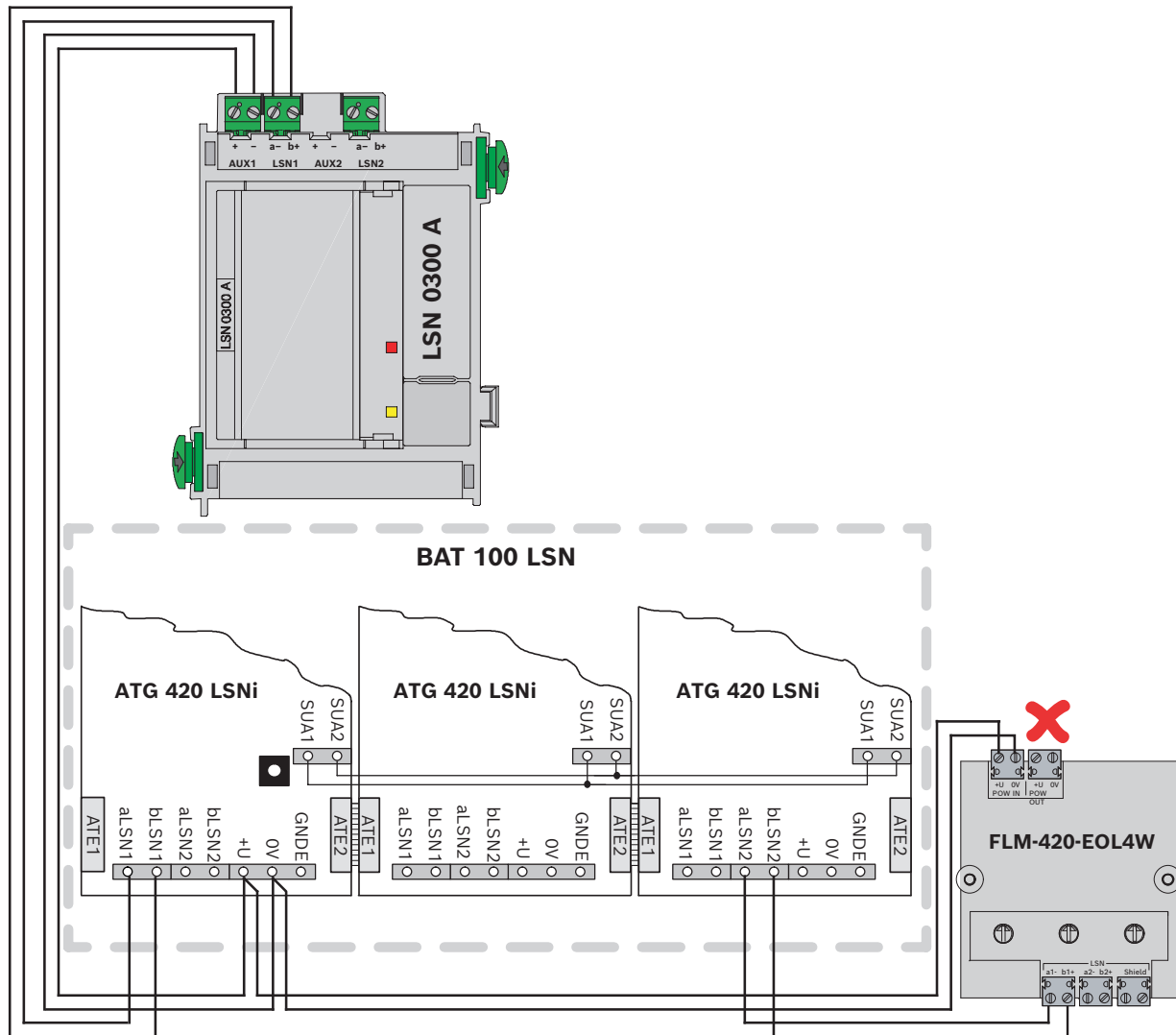




BAT 100 LSN
ATG 420 LSNi

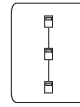


ELS

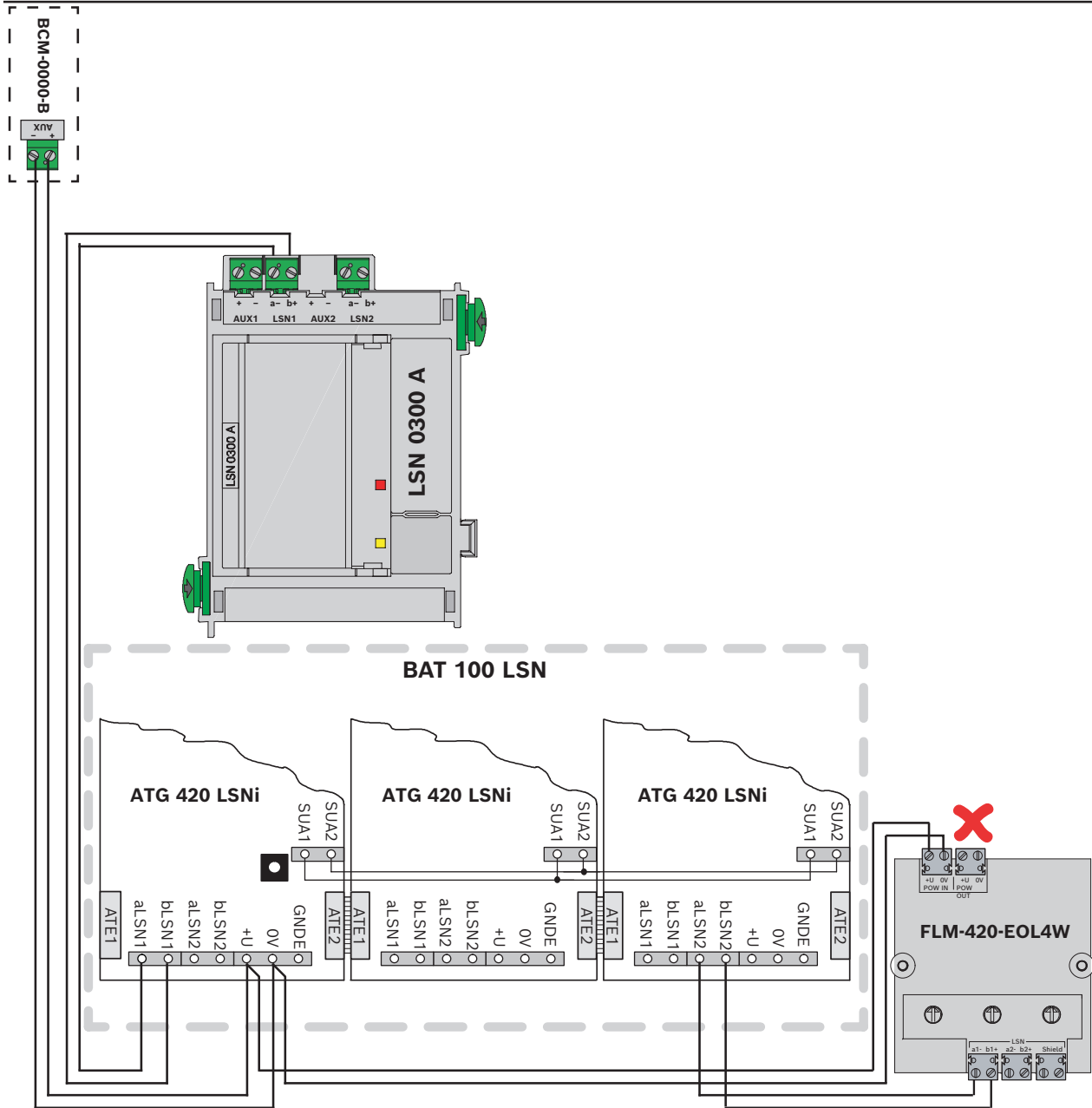




BAT 100 LSN
ATG 420 LSNi

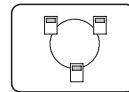


ELS

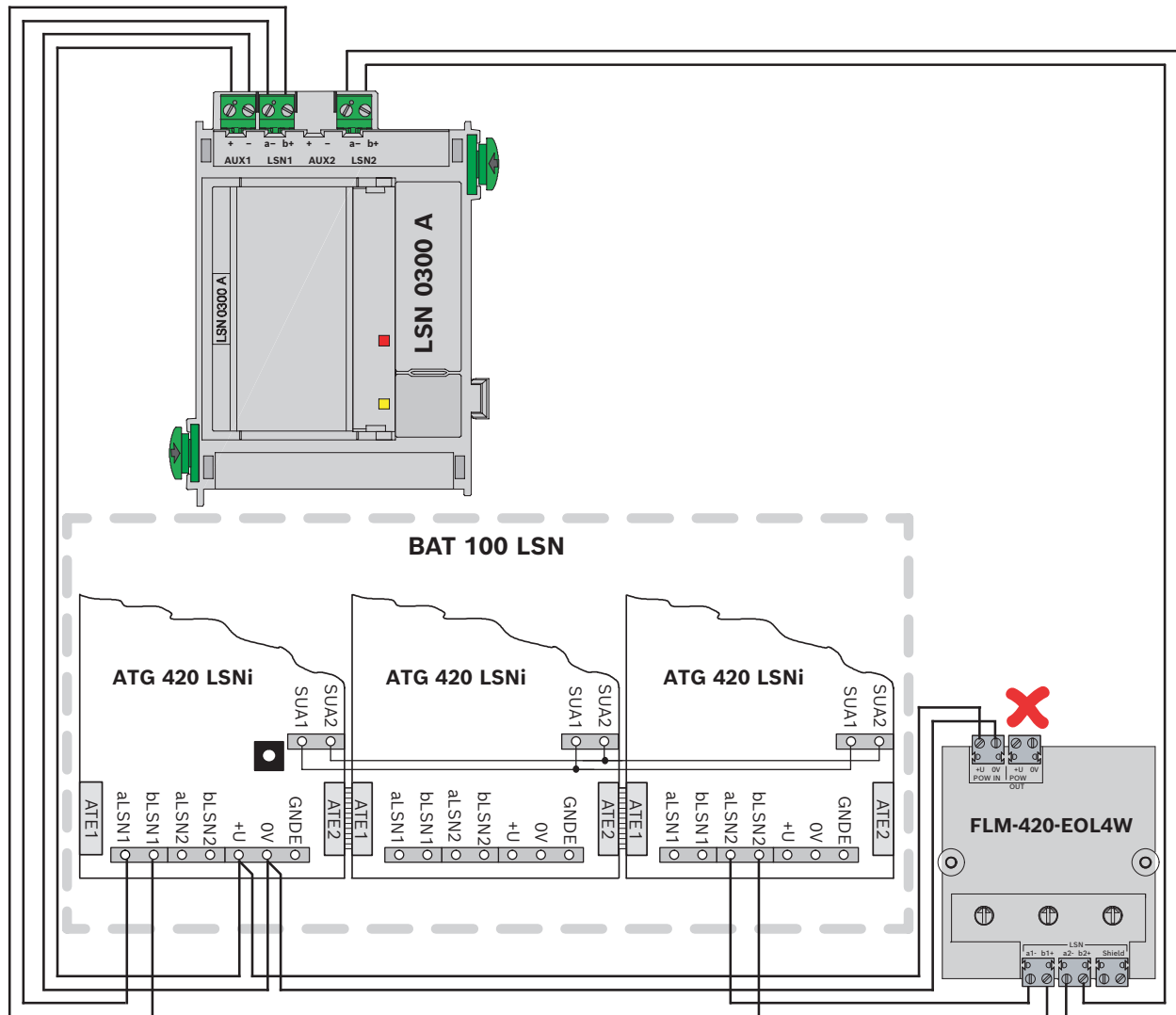




**BAT 100 LSN
ATG 420 LSNi**

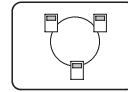


ELS

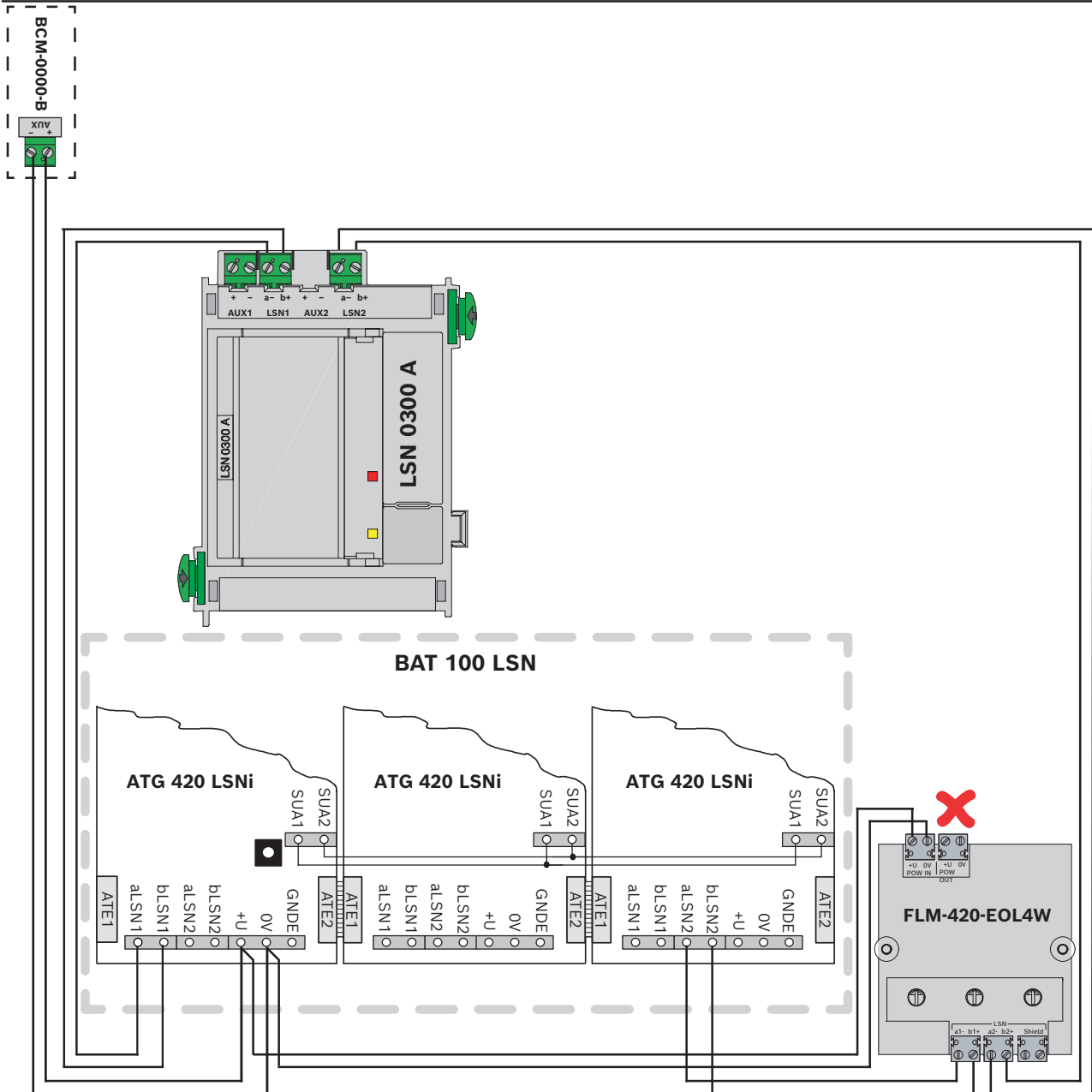




BAT 100 LSN
ATG 420 LSNi



ELS

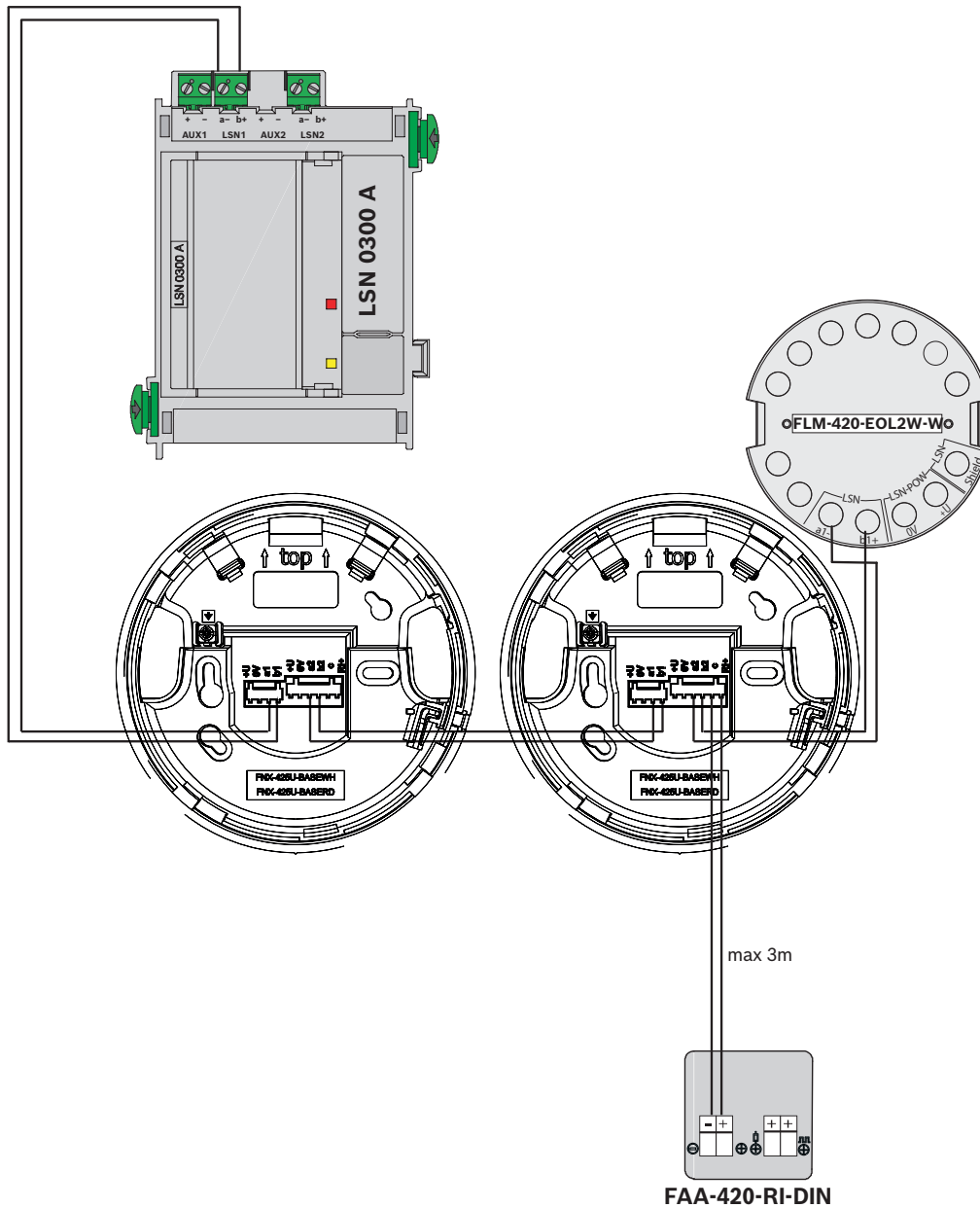




FNX-425U-WFWH
 FNX-425U-RFWH
 FNX-425U-WFRD
 FNX-425U-RFRD



ELS





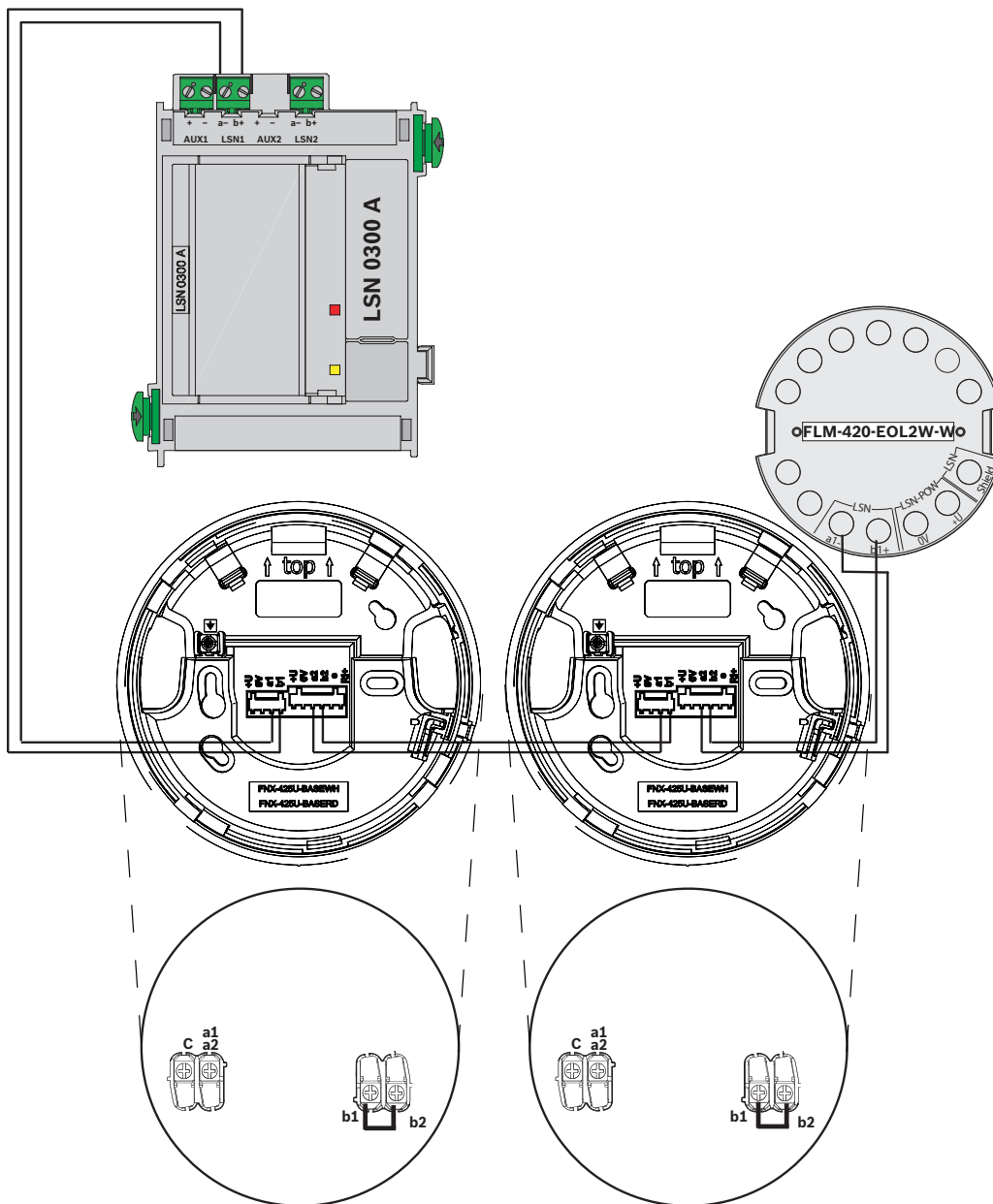
FNX-425U-WFWH
 FNX-425U-RFWH
 FNX-425U-WFRD
 FNX-425U-RFRD

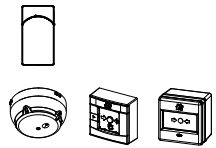
+

FNX-425U-COVWH
 FNX-425U-COVRD



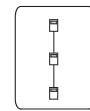
ELS



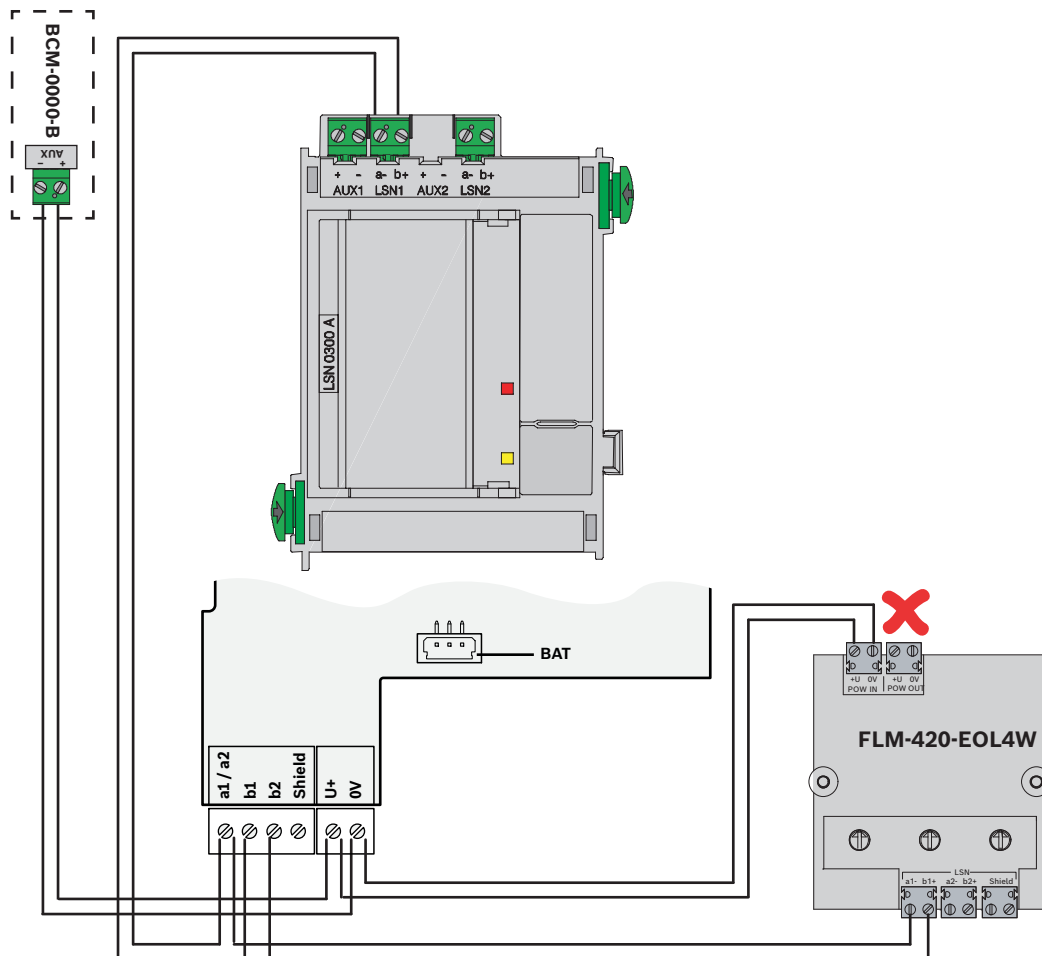


FWI-270

FDOOT271-O
FDM275-O
FDM273-O



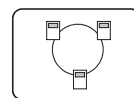
ELS



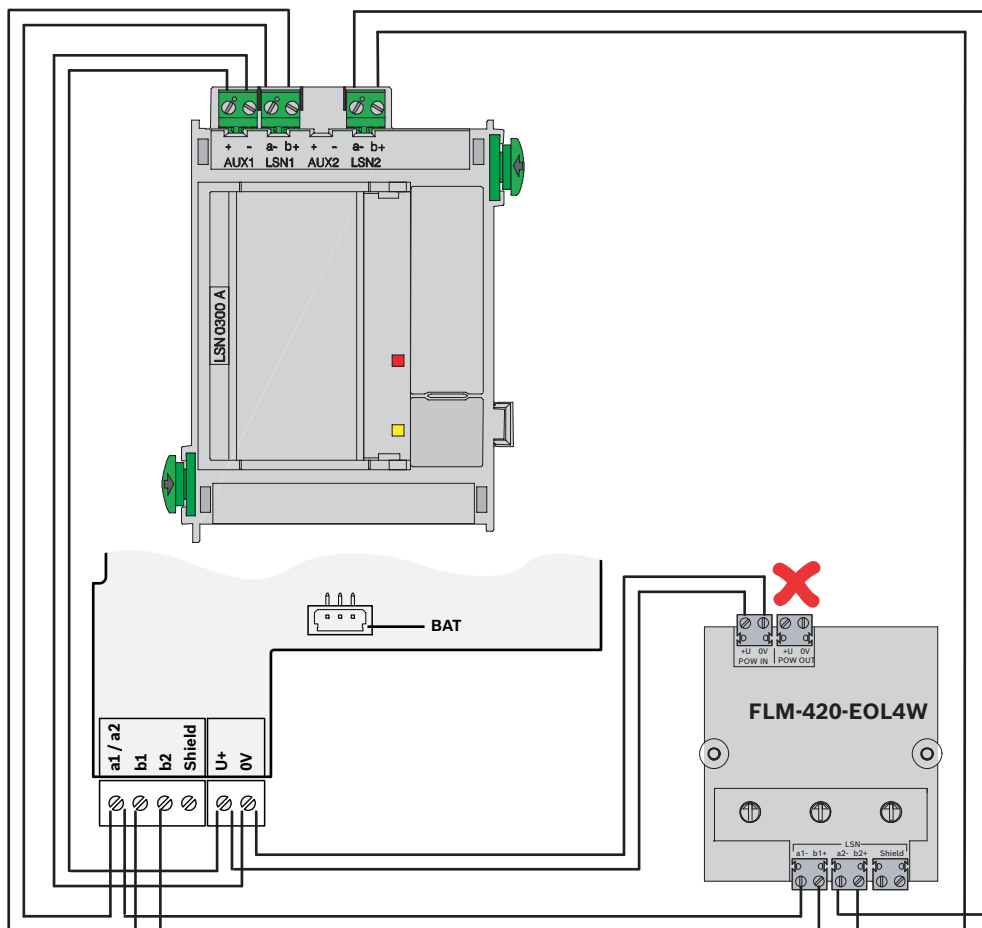


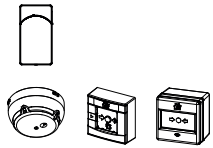
FWI-270

FDOOT271-O
FDM275-O
FDM273-O



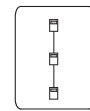
ELS



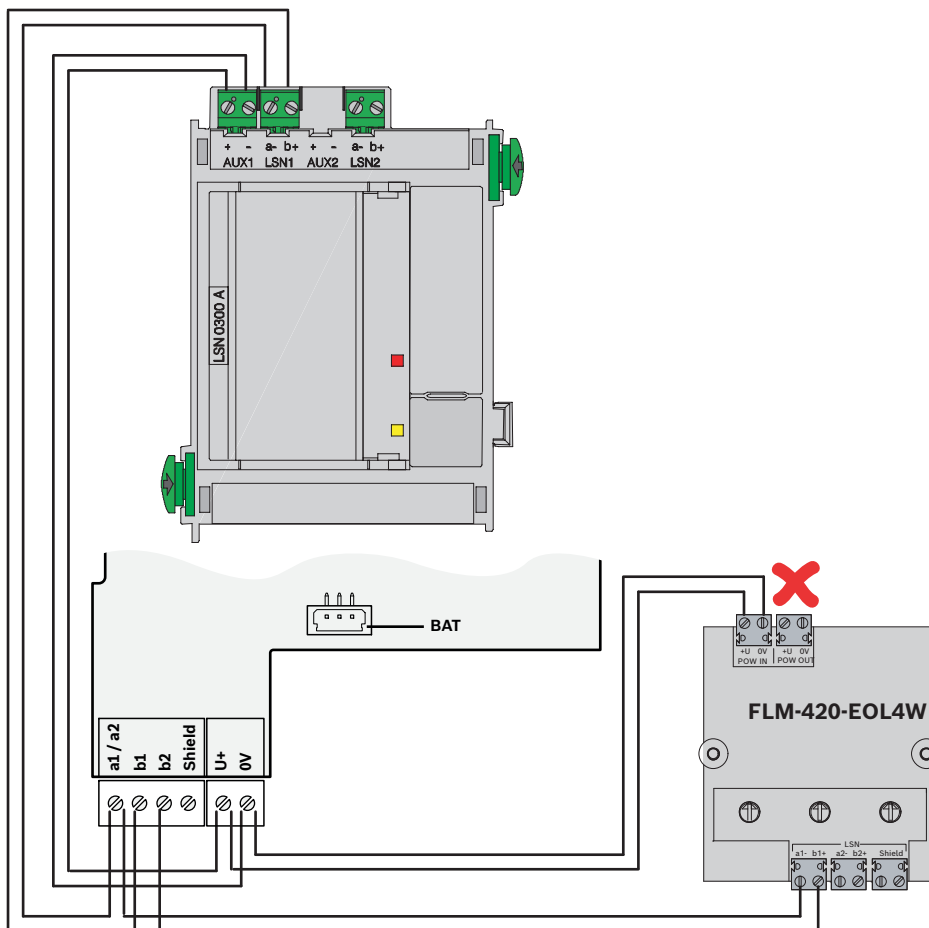


FWI-270

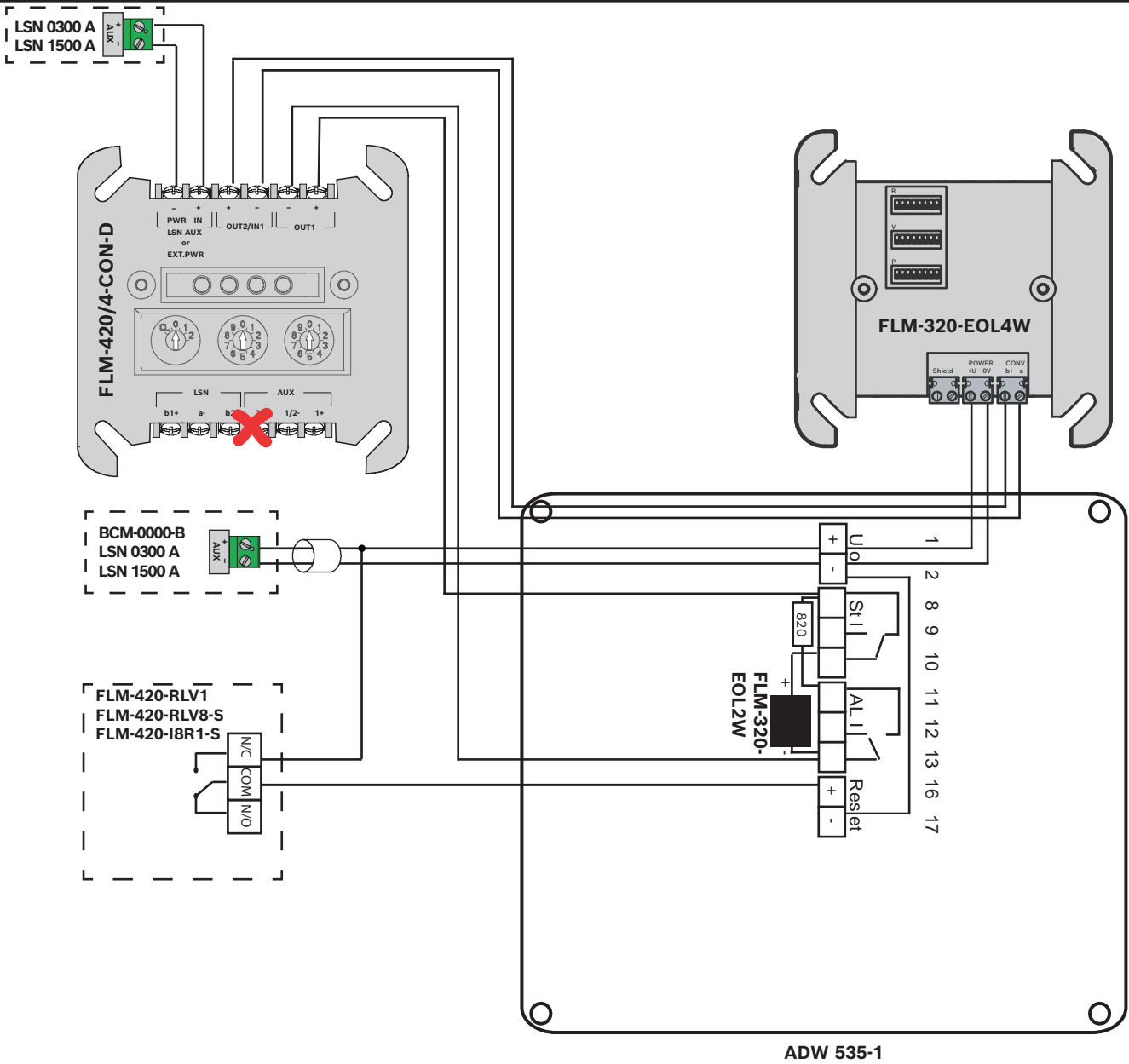
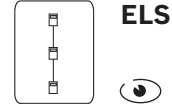
FDOOT271-O
FDM275-O
FDM273-O

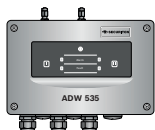


ELS

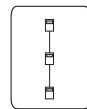


2.6.3 FLM-420/4-CON-S/D

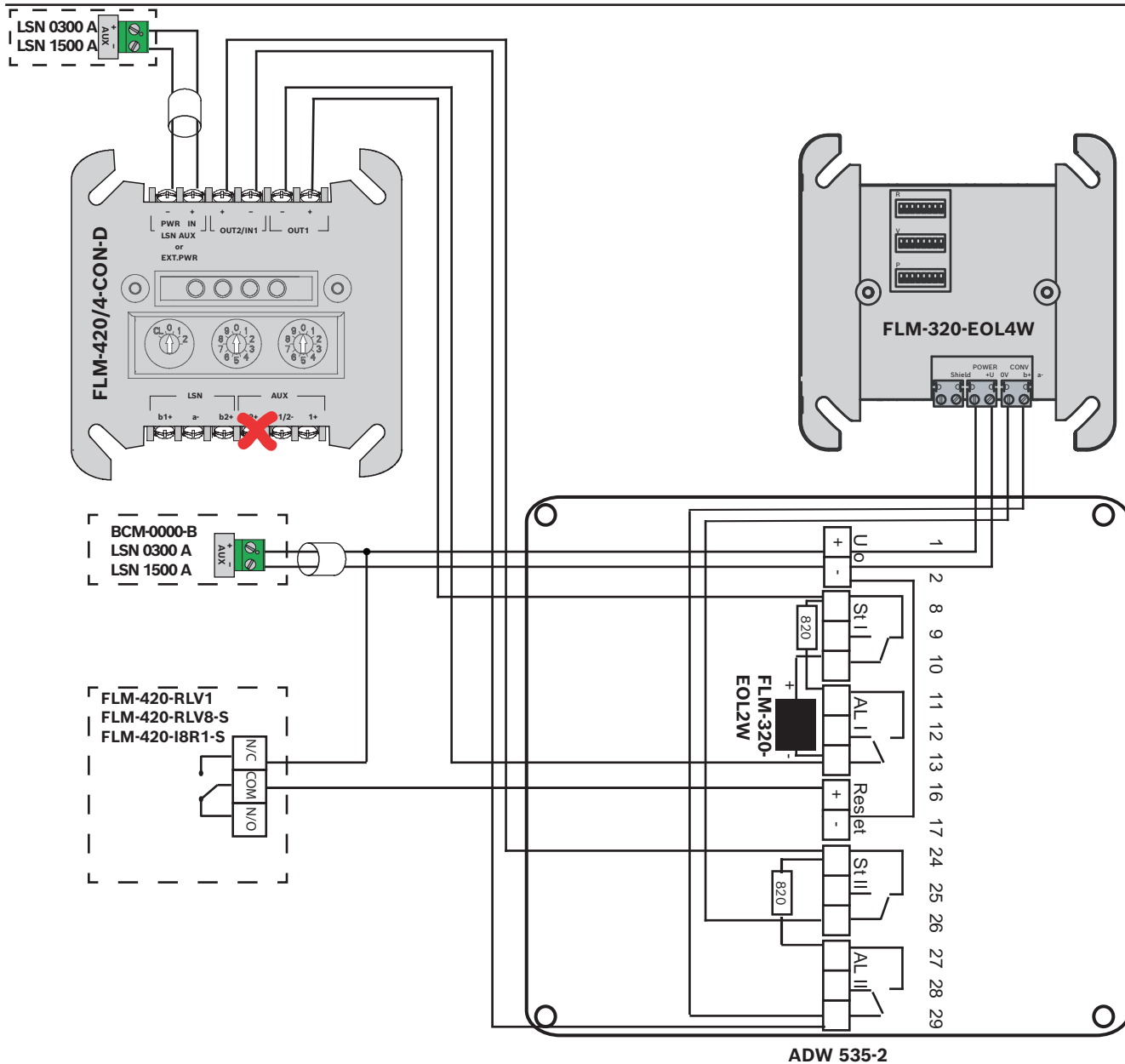


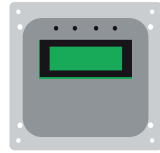


ADW 535-2



ELS

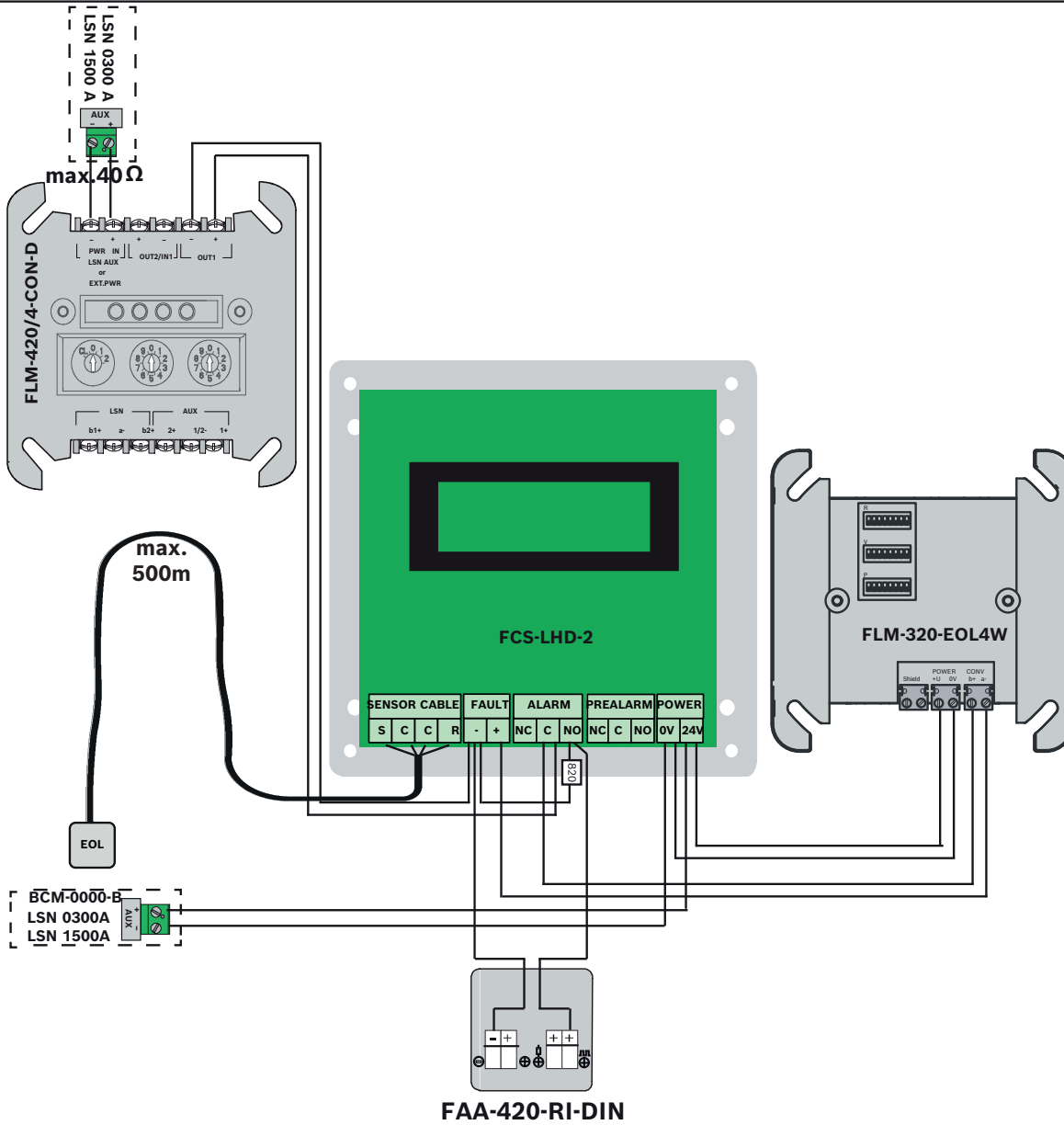




ALARMLINE II

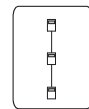


ELS

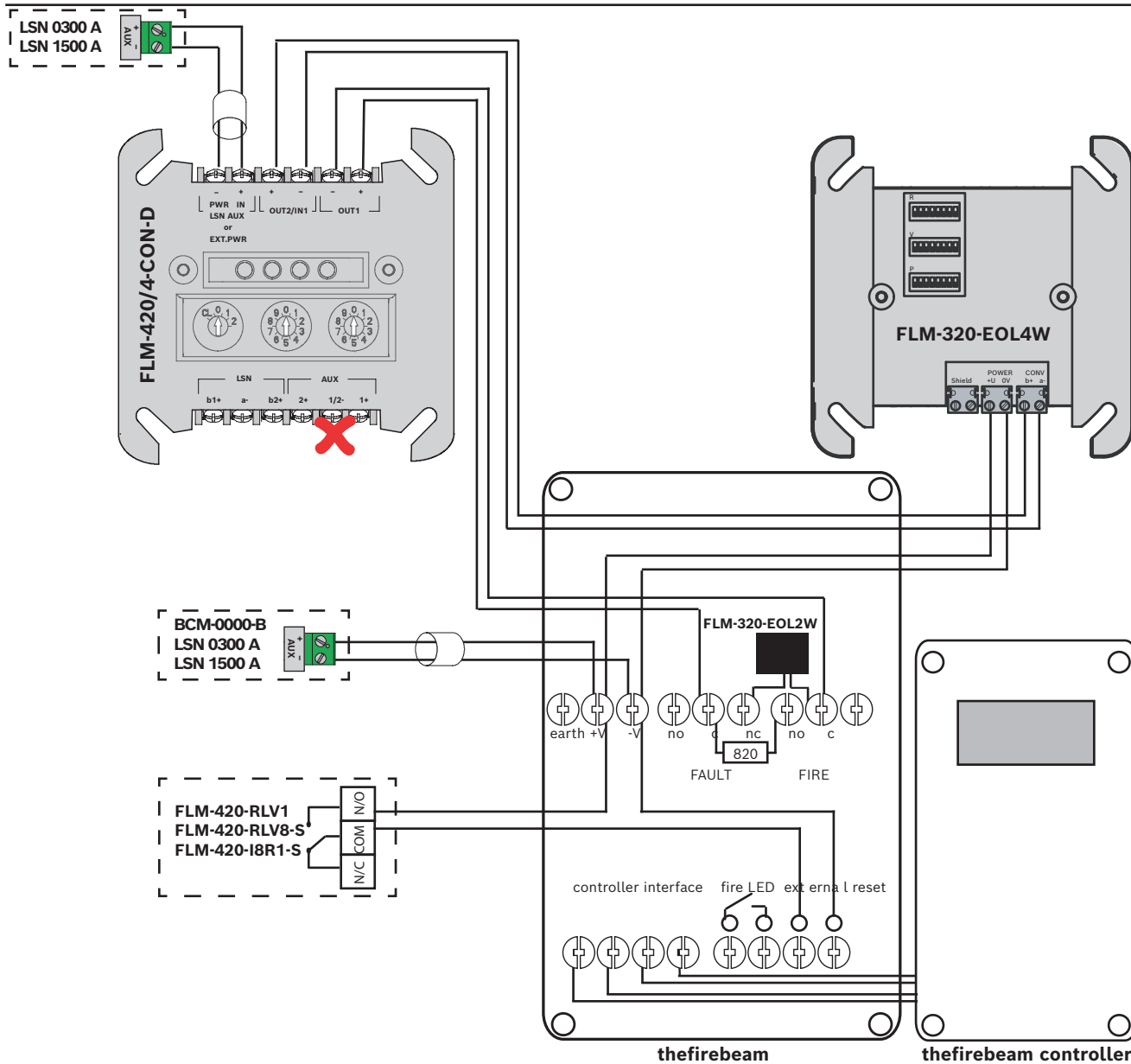


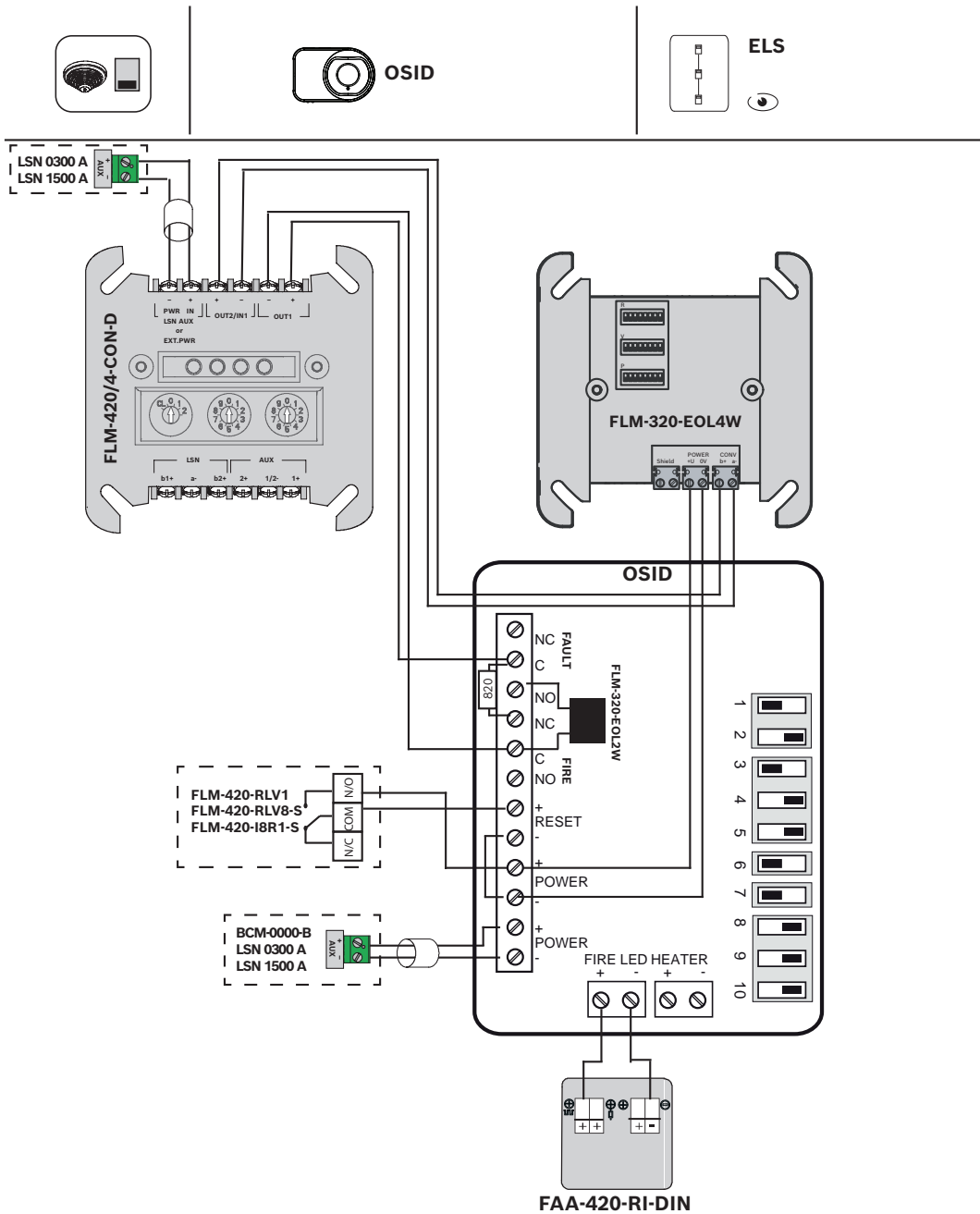


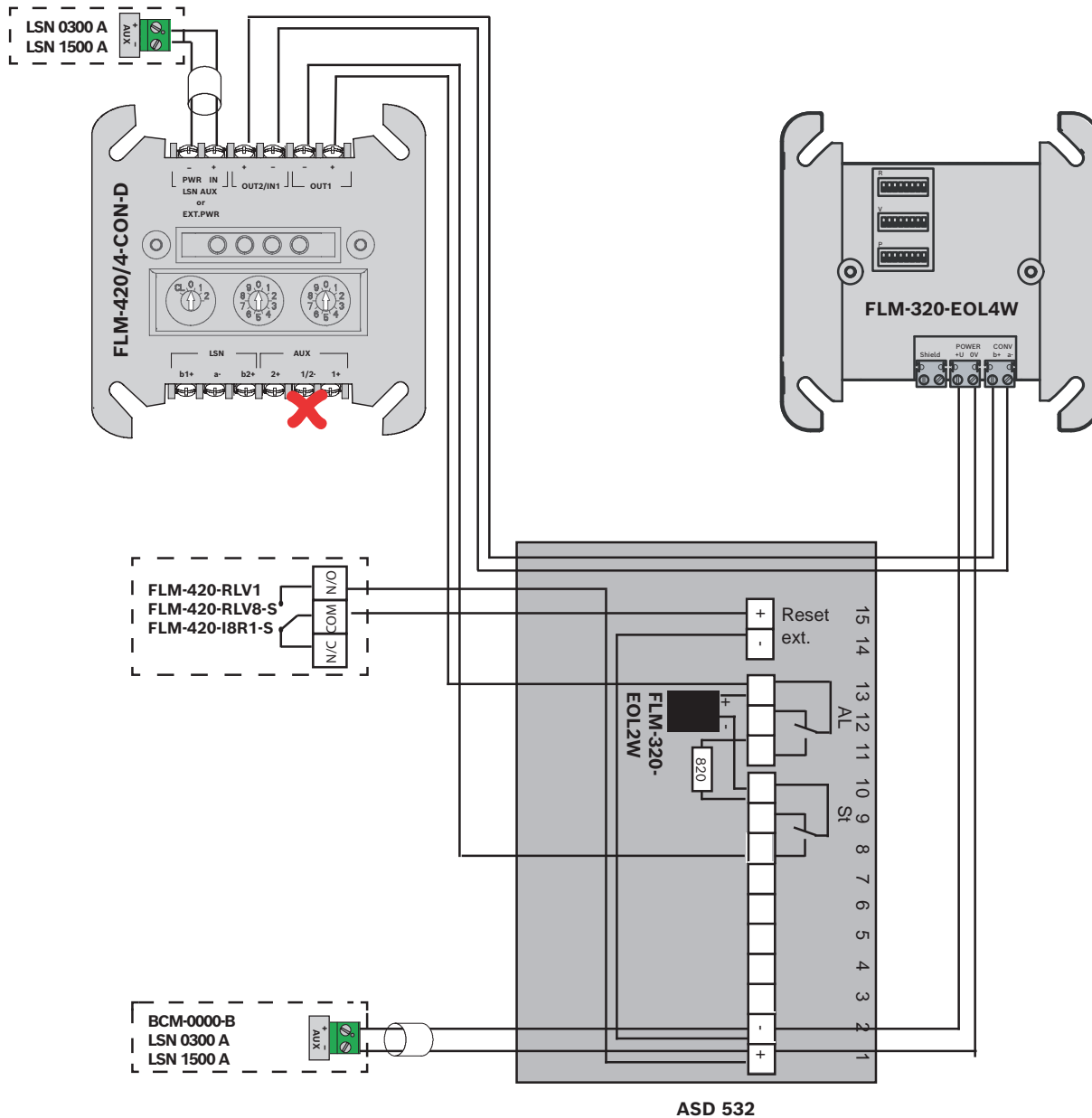
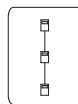
thefirebeam nano
thefirebeam standard
thefirebeam foveo

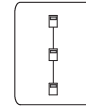


ELS

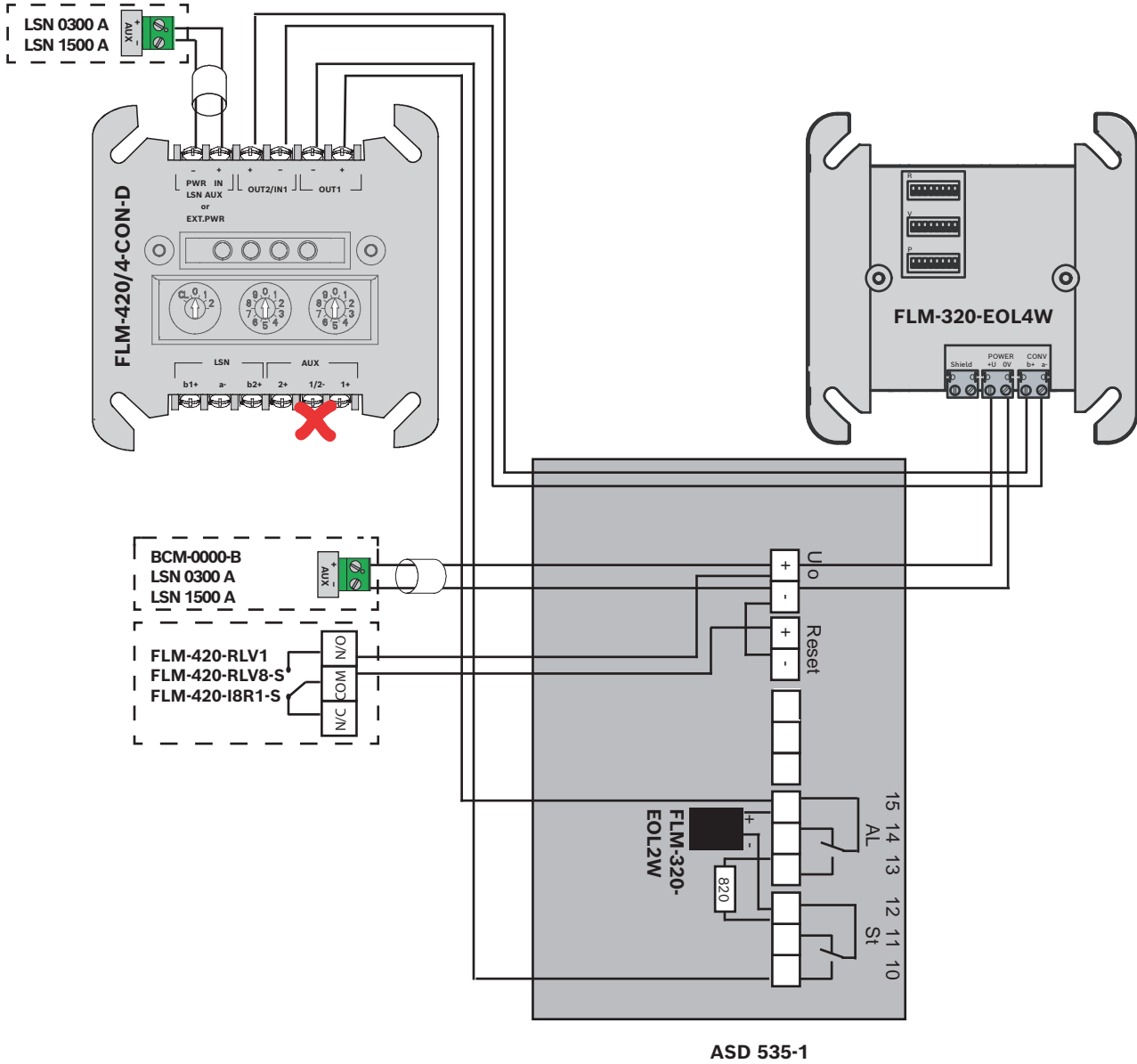


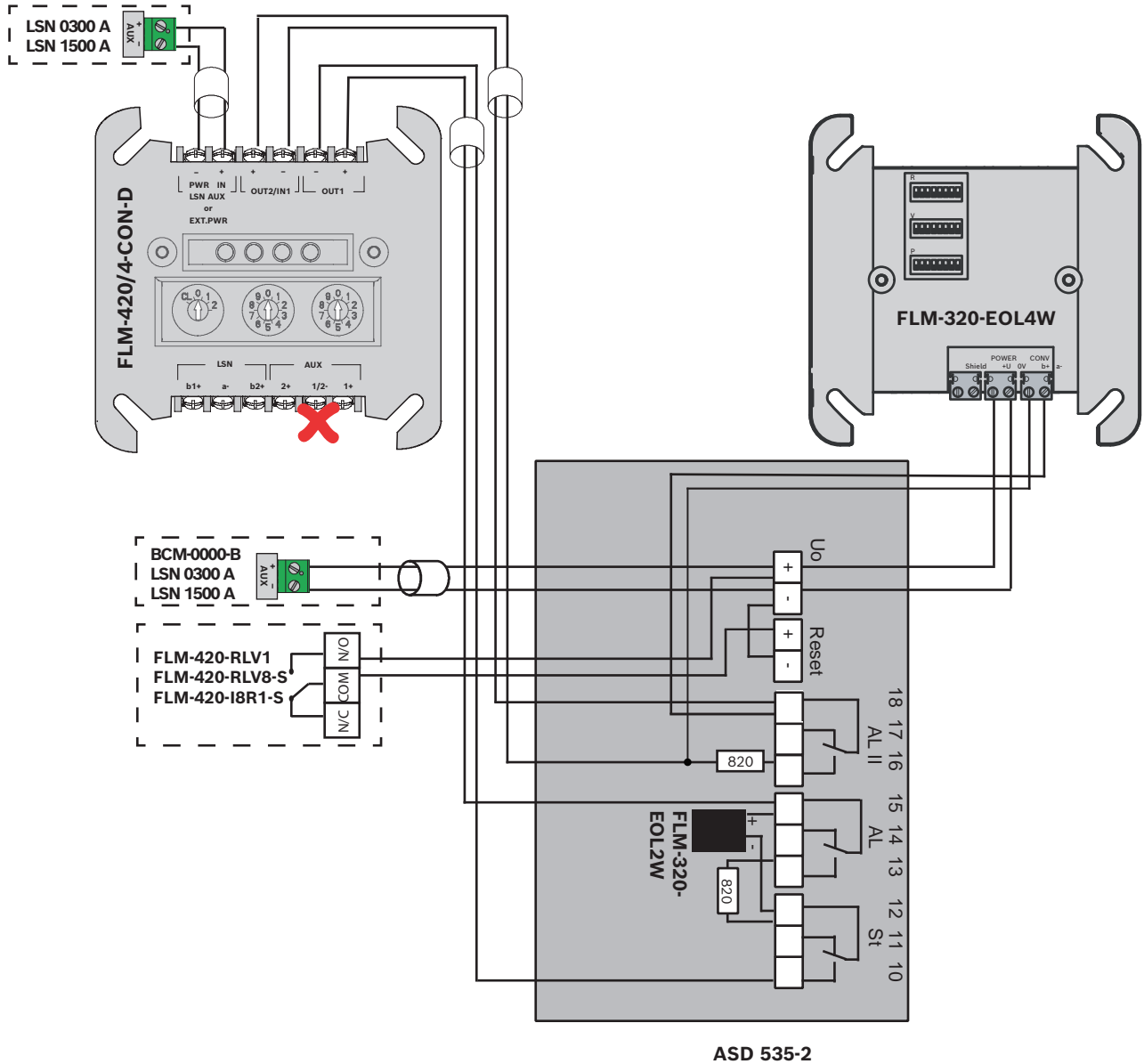
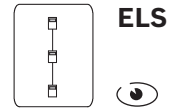


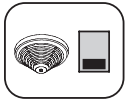




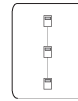
ELS





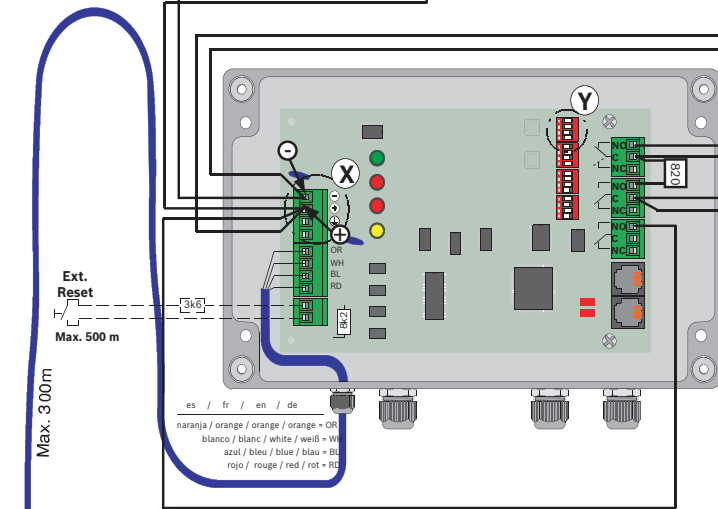
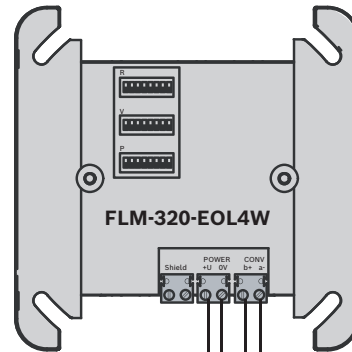
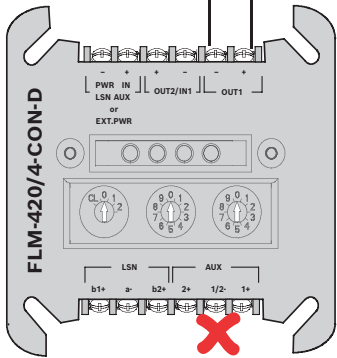


FCS-LWM-1



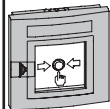
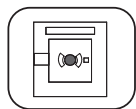
ELS

BCM-0000-B
LSN 0300 A
LSN 1500 A

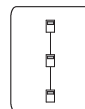


es / fr / en / de
naranja / orange / orange / orange = OR
blanco / blanc / white / weiß = WH
azul / bleu / blue / blau = BL
rojo / rouge / red / rot = RE

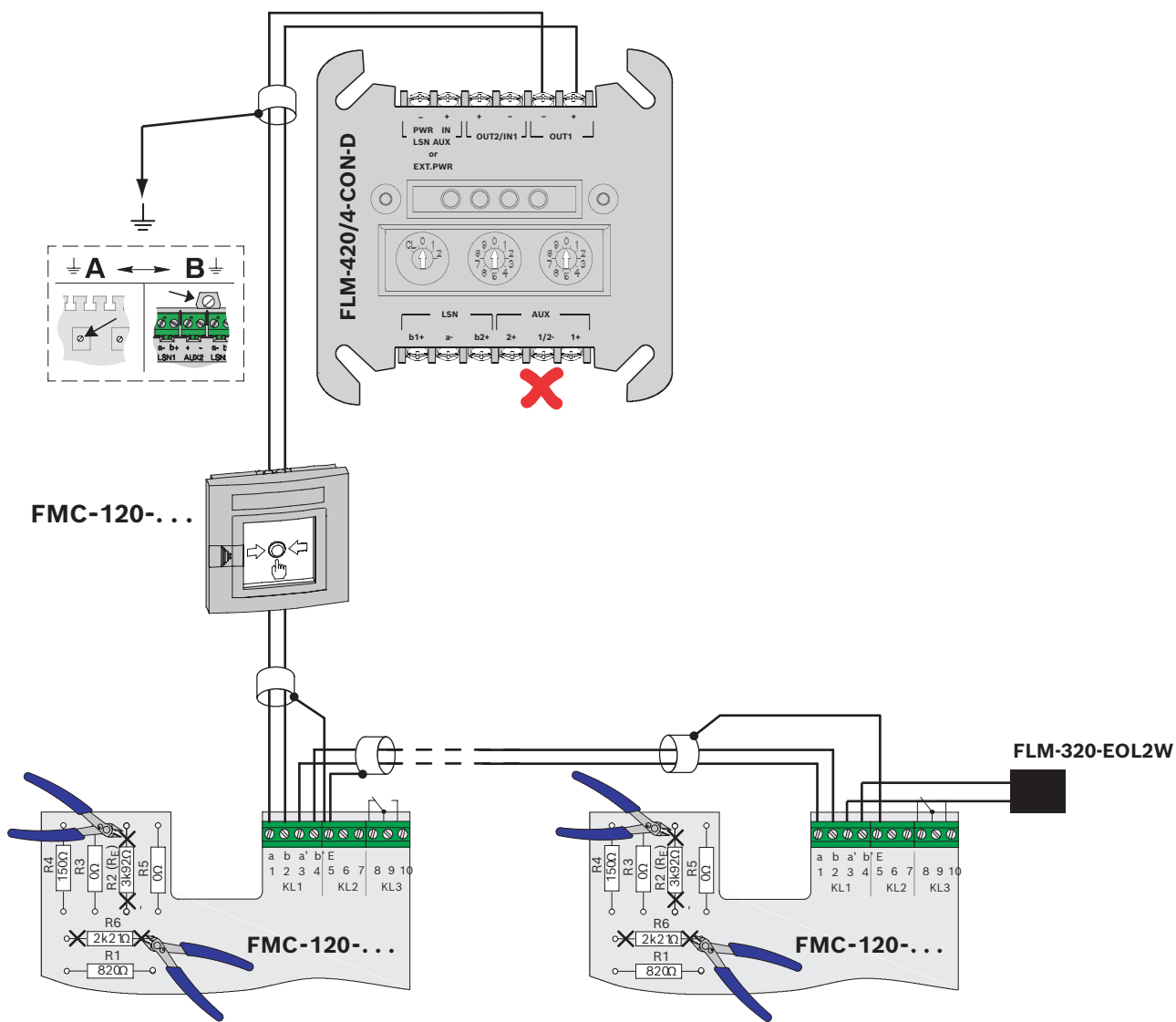


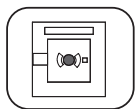


FMC-120-DKM-G-R FMC-120-DKM-G-Y
 FMC-120-DKM-H-R FMC-120-EST-G-B
 FMC-120-DKM-G-B
 FMC-120-DKM-H-B

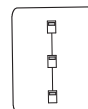


ELS

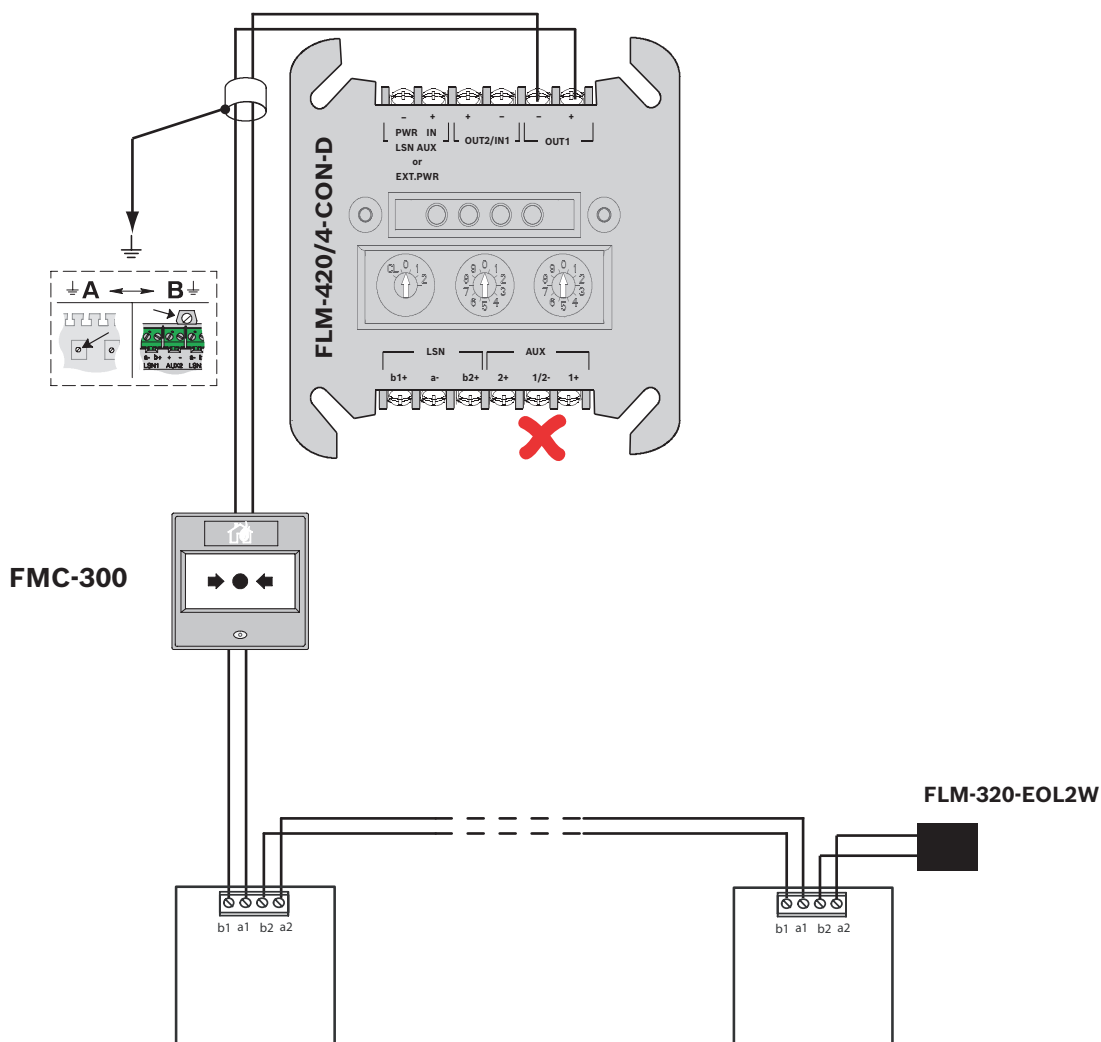


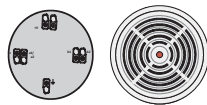


FMC-300



ELS

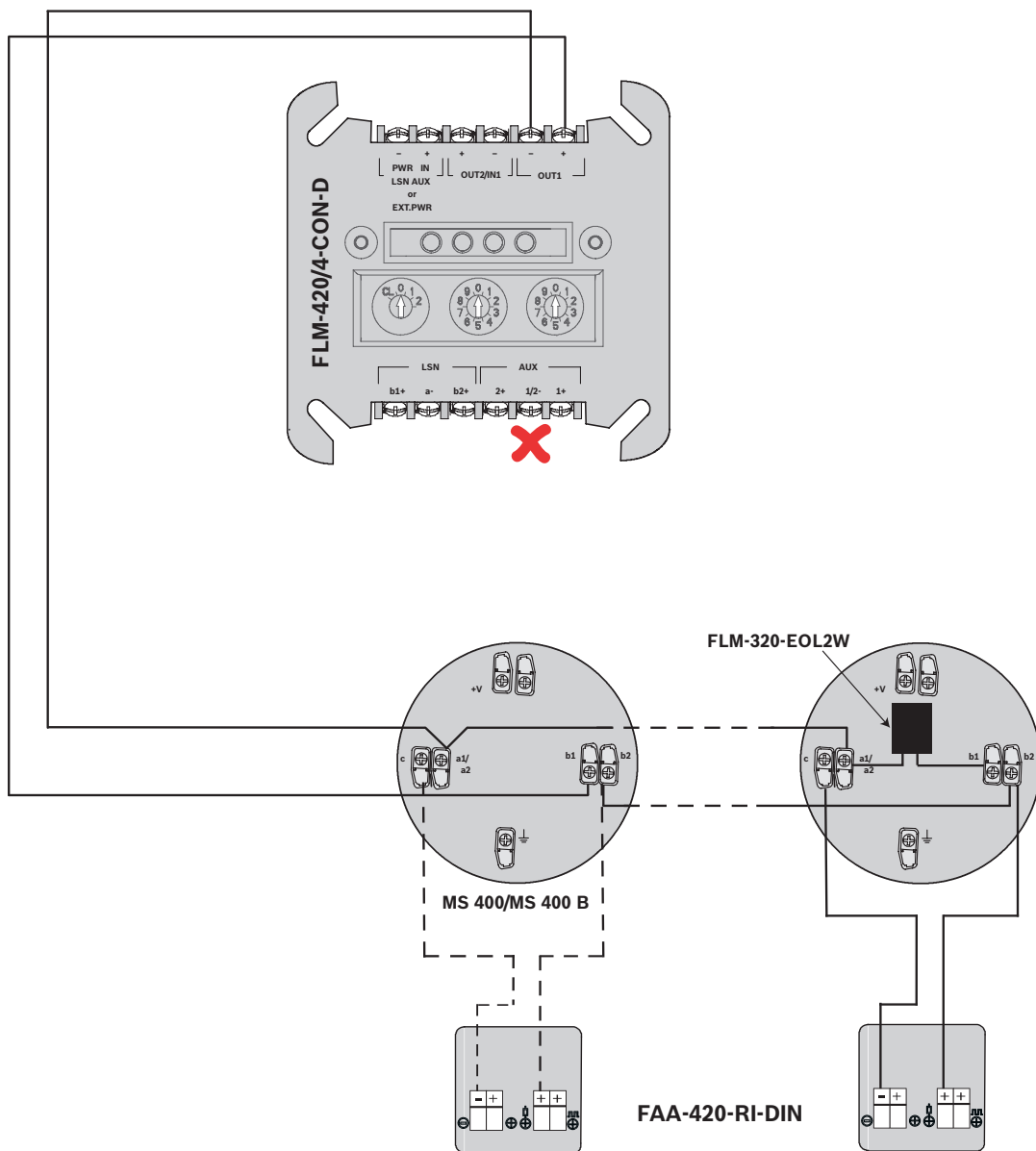




MSS 400, MSS 400 B
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 FCP-O320, FCP-O320-R470
 FCP-OC320, FCP-OC320-R470
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ELS

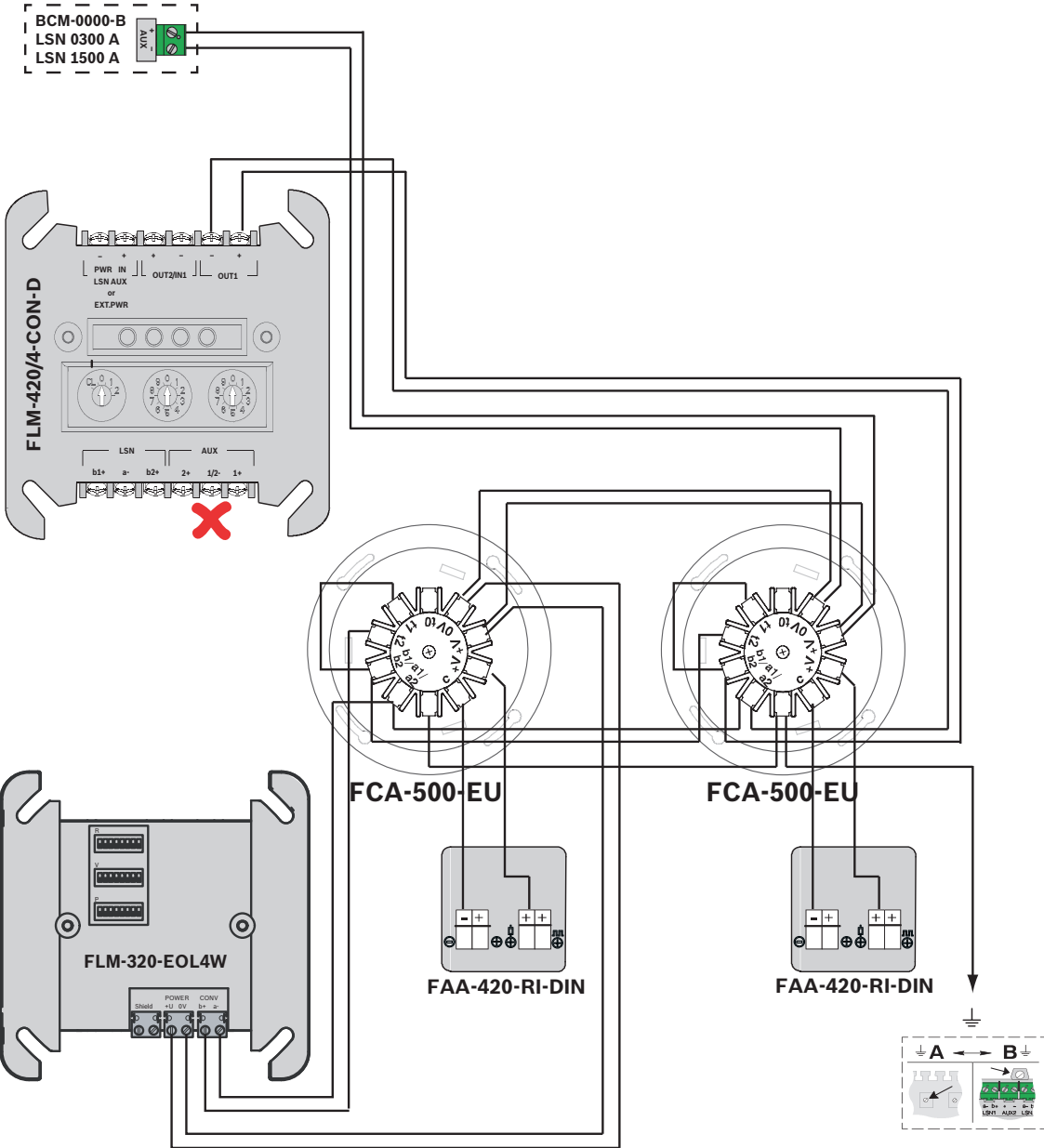


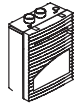


FCP-500

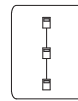


ELS

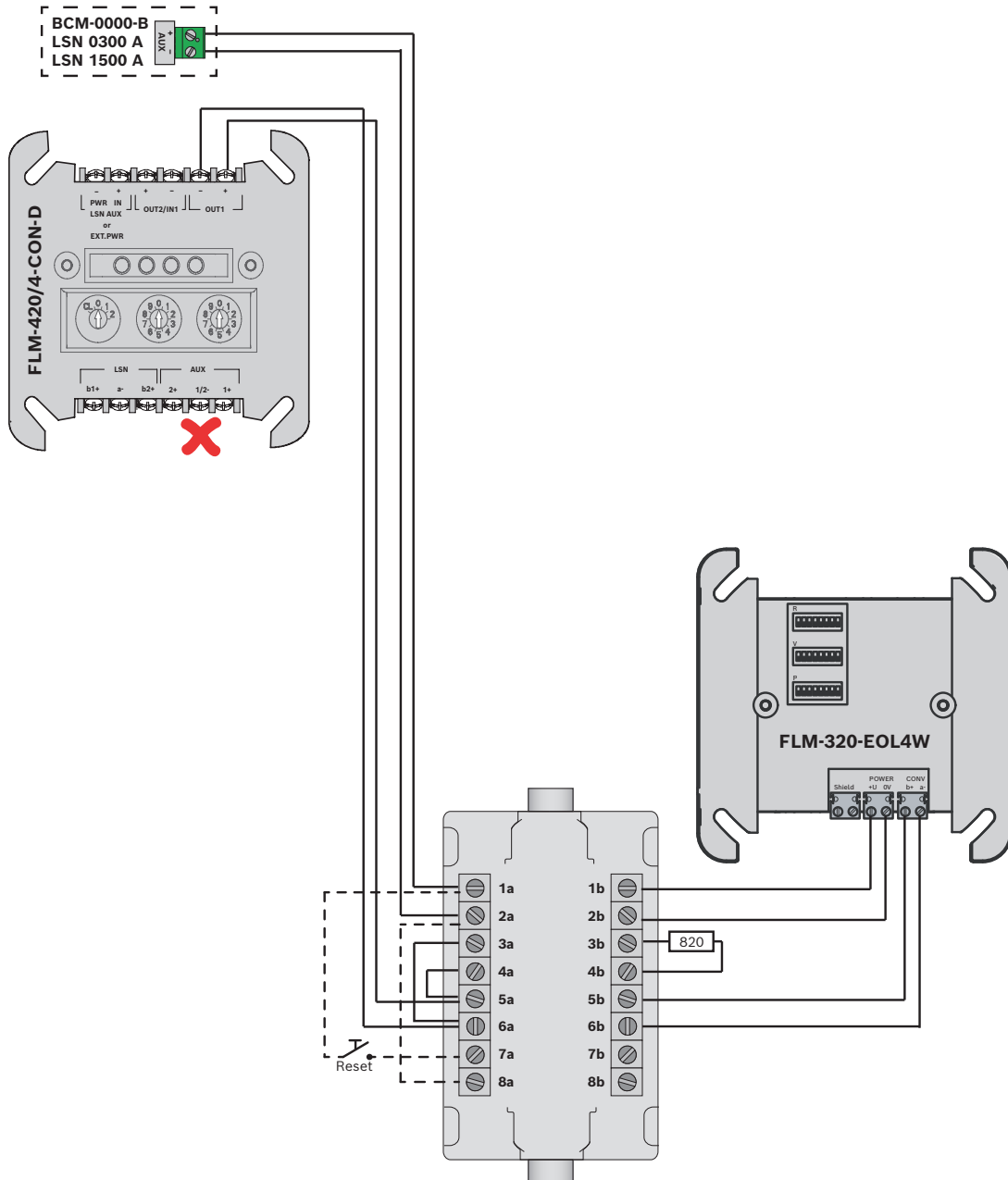


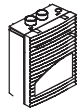


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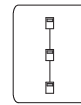


ELS



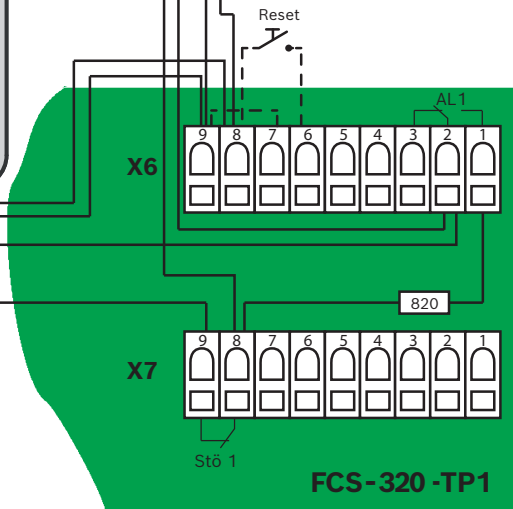
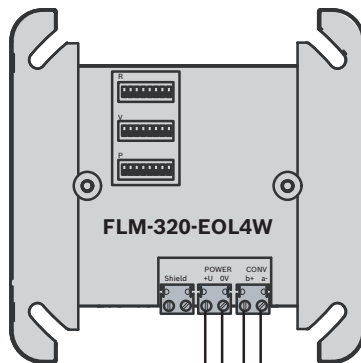
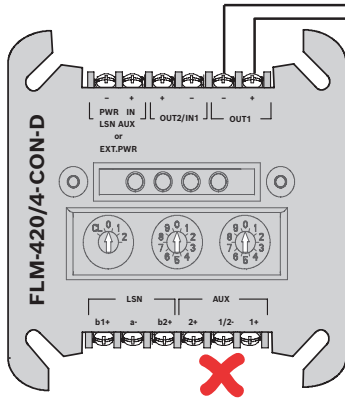


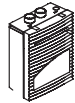
FCS-320-TP Series



ELS

BCM-0000-B
LSN 0300 A
LSN 1500 A



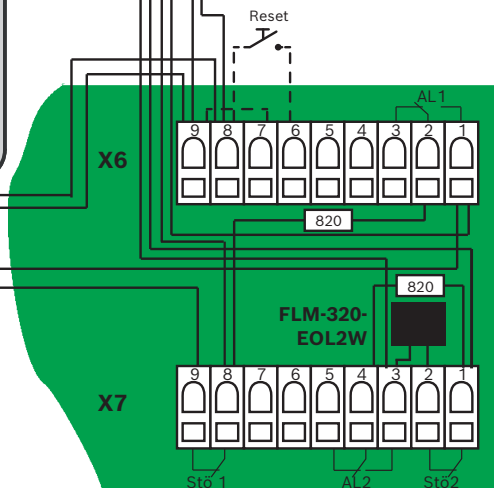
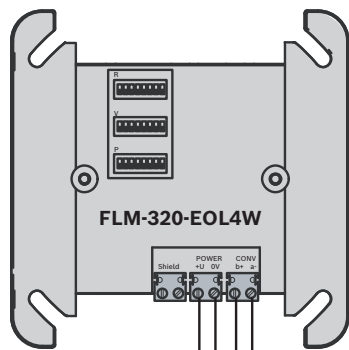
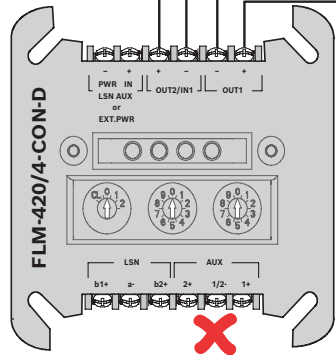


FCS-320-TP Series

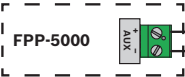
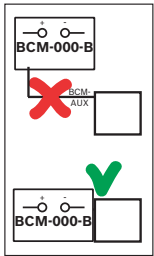
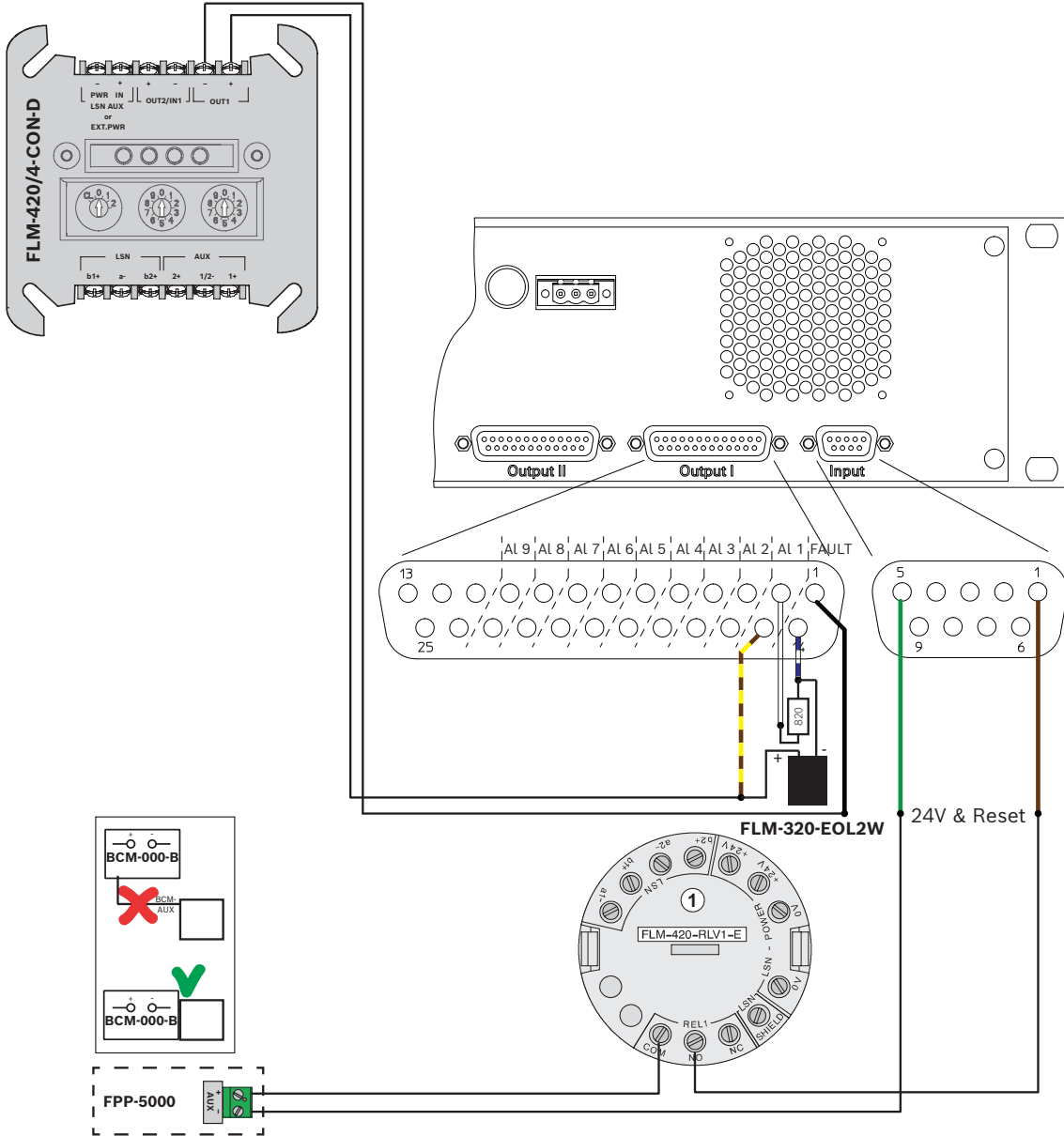
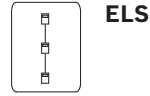


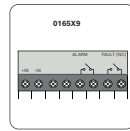
ELS

BCM-0000-B
LSN 0300 A
LSN 1500 A

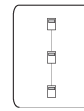


FCS-320-TP2

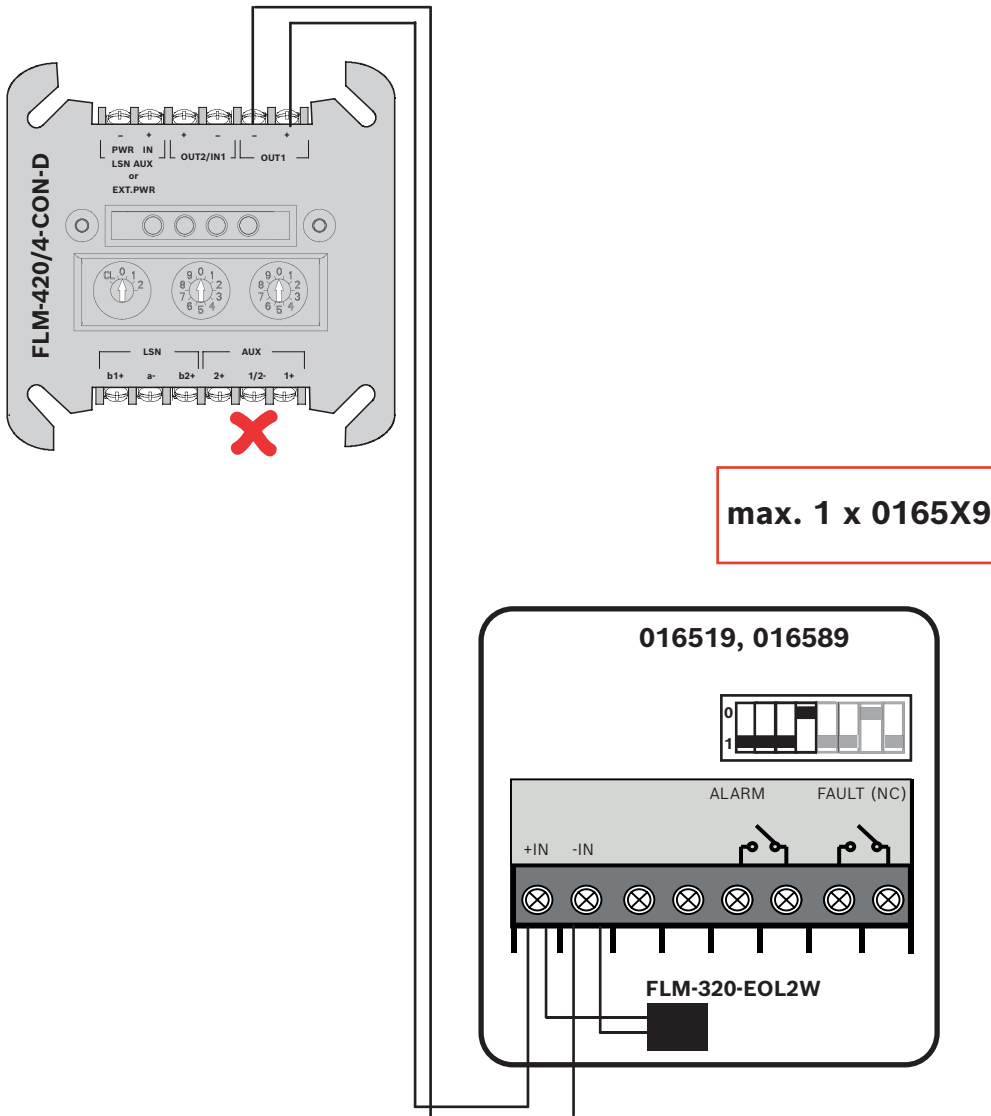


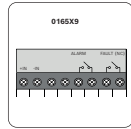


016519, 016589
IR3 Flame Detector

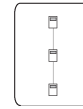


ELS

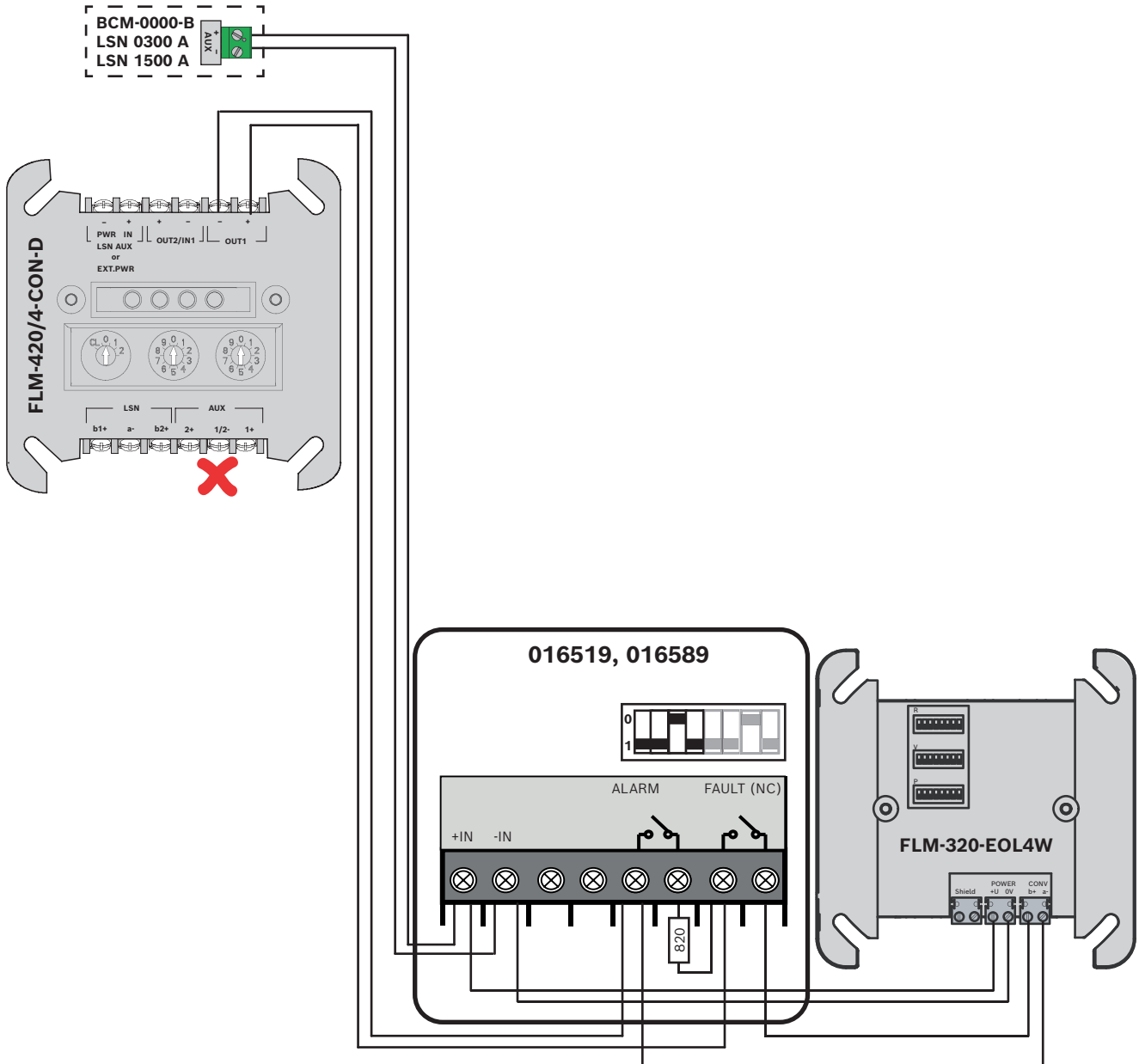




016519, 016589
IR3 Flame Detector

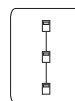


ELS

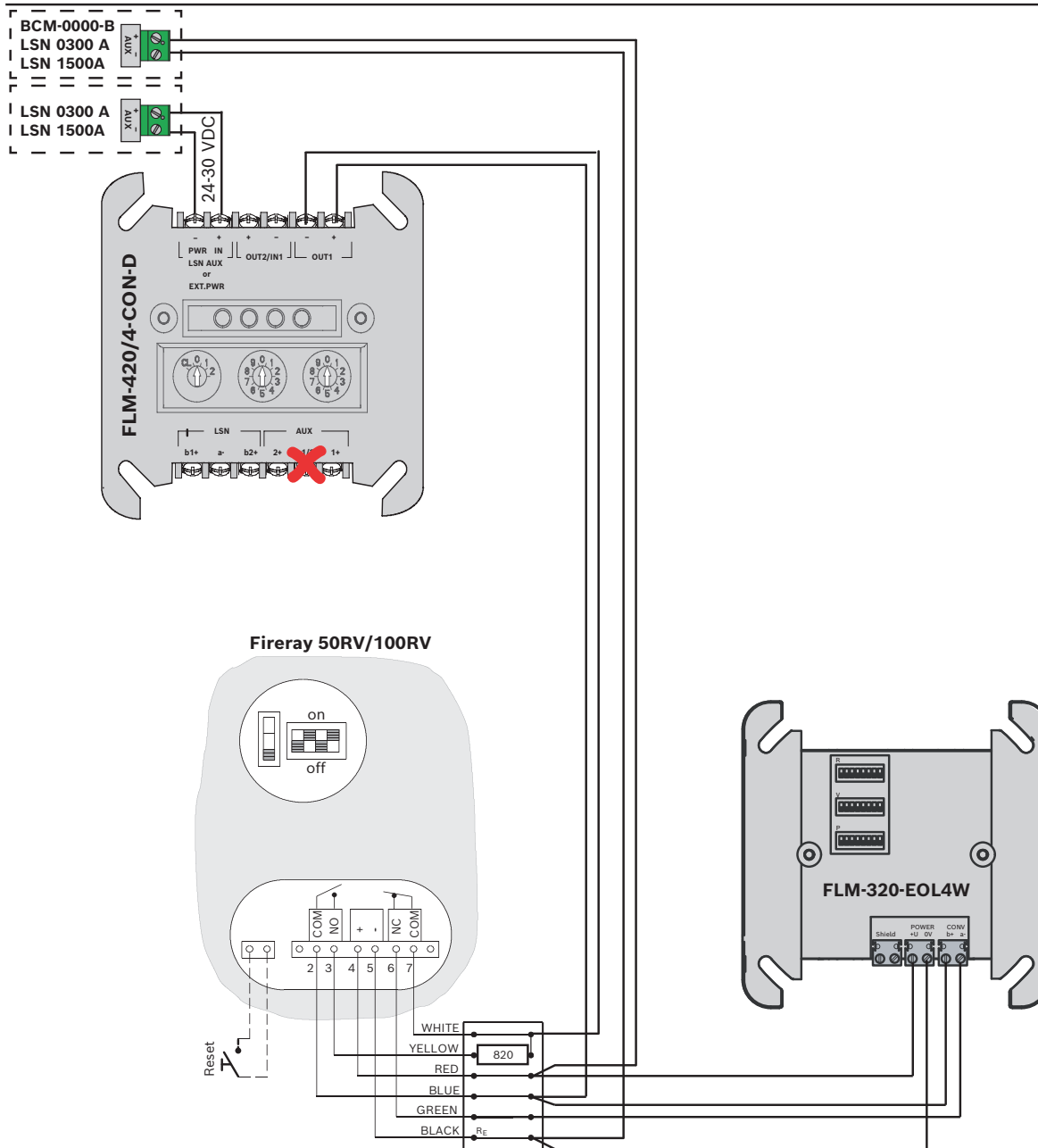




**Fireray 50RV
Fireray 100RV**



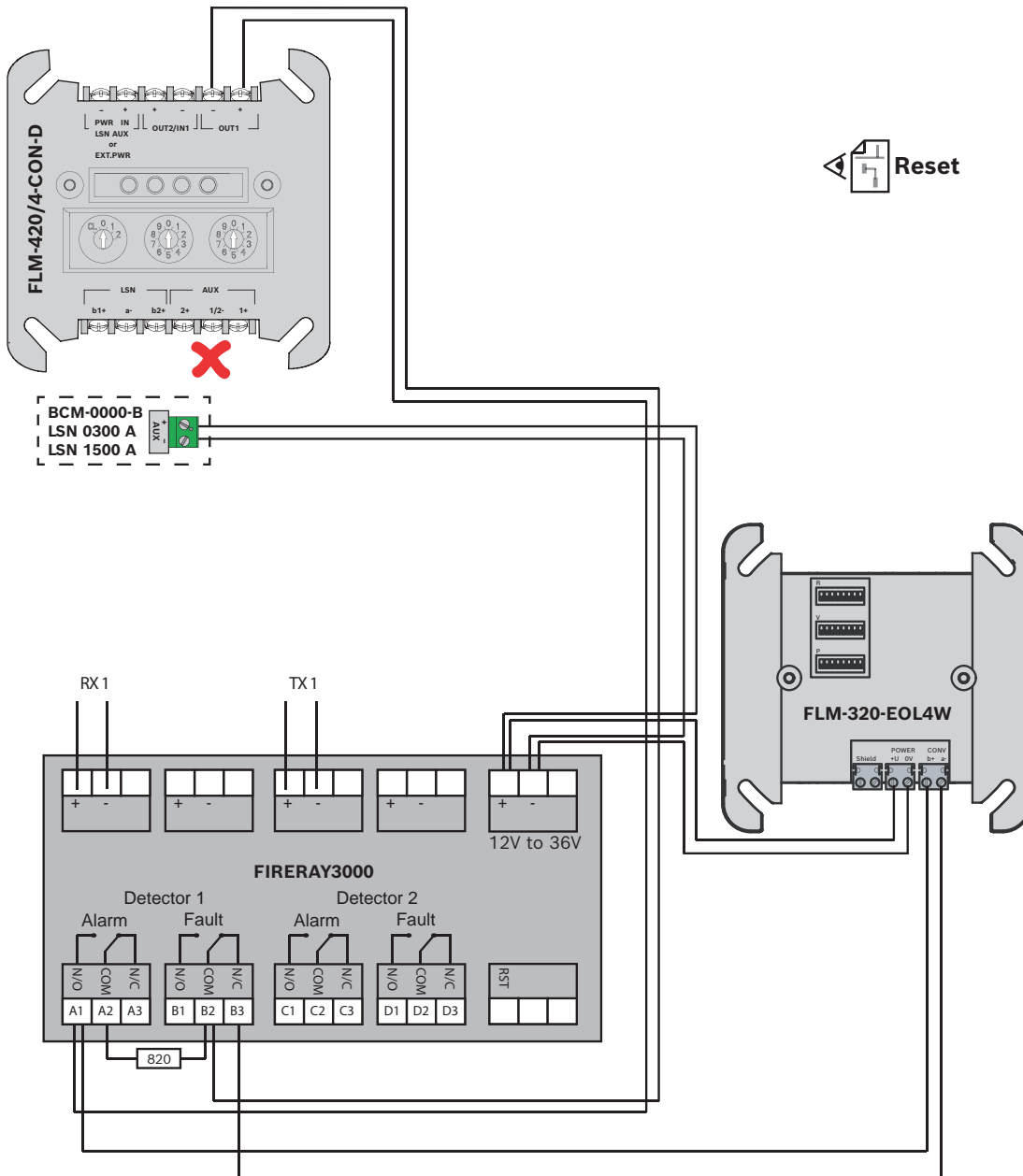
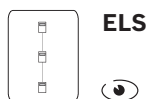
ELS





FIRERAY3000

1 x

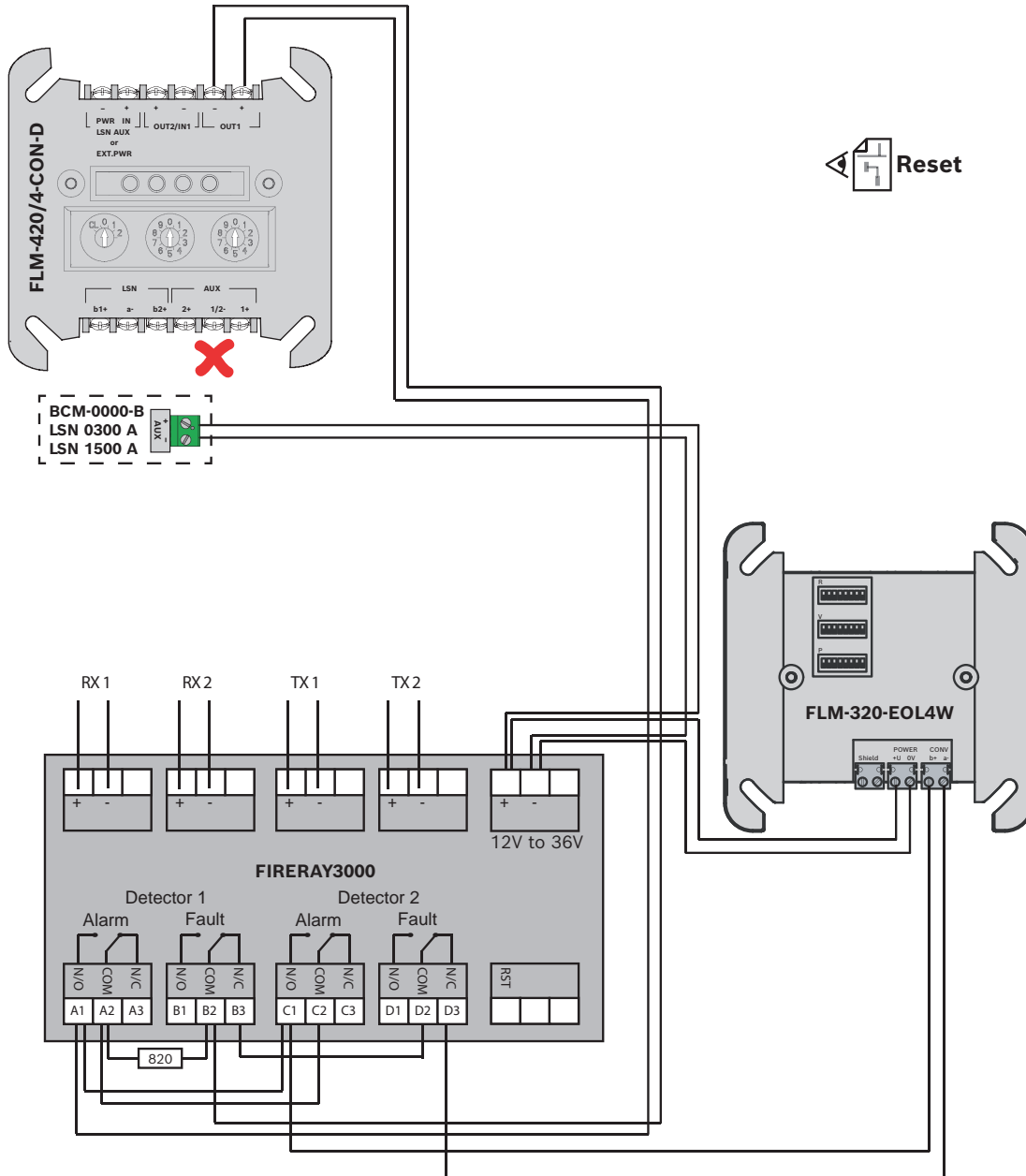




FIRERAY3000
2 x **OUT1**



ELS

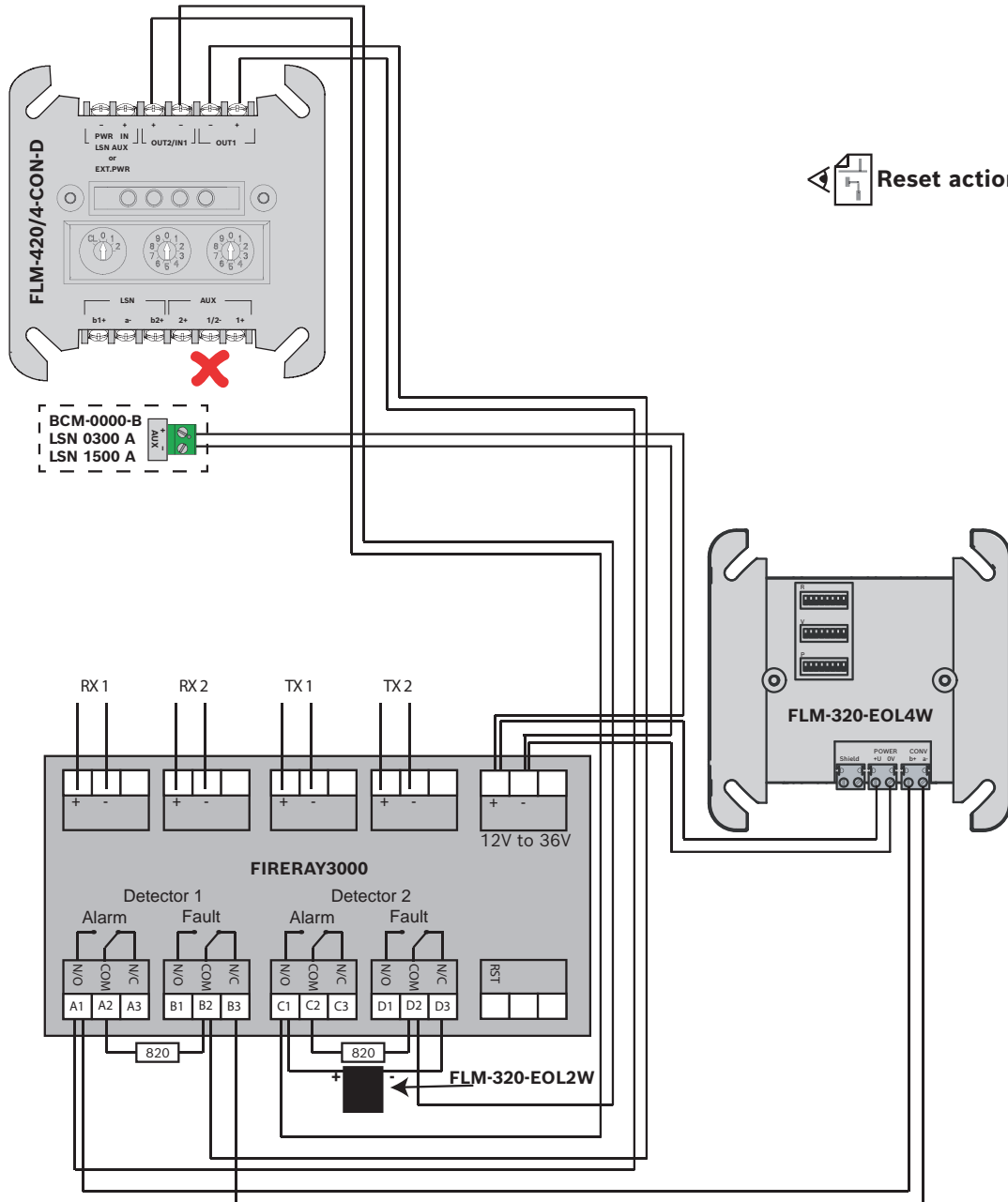




FIRERAY3000
2 x **OUT1+2**



ELS



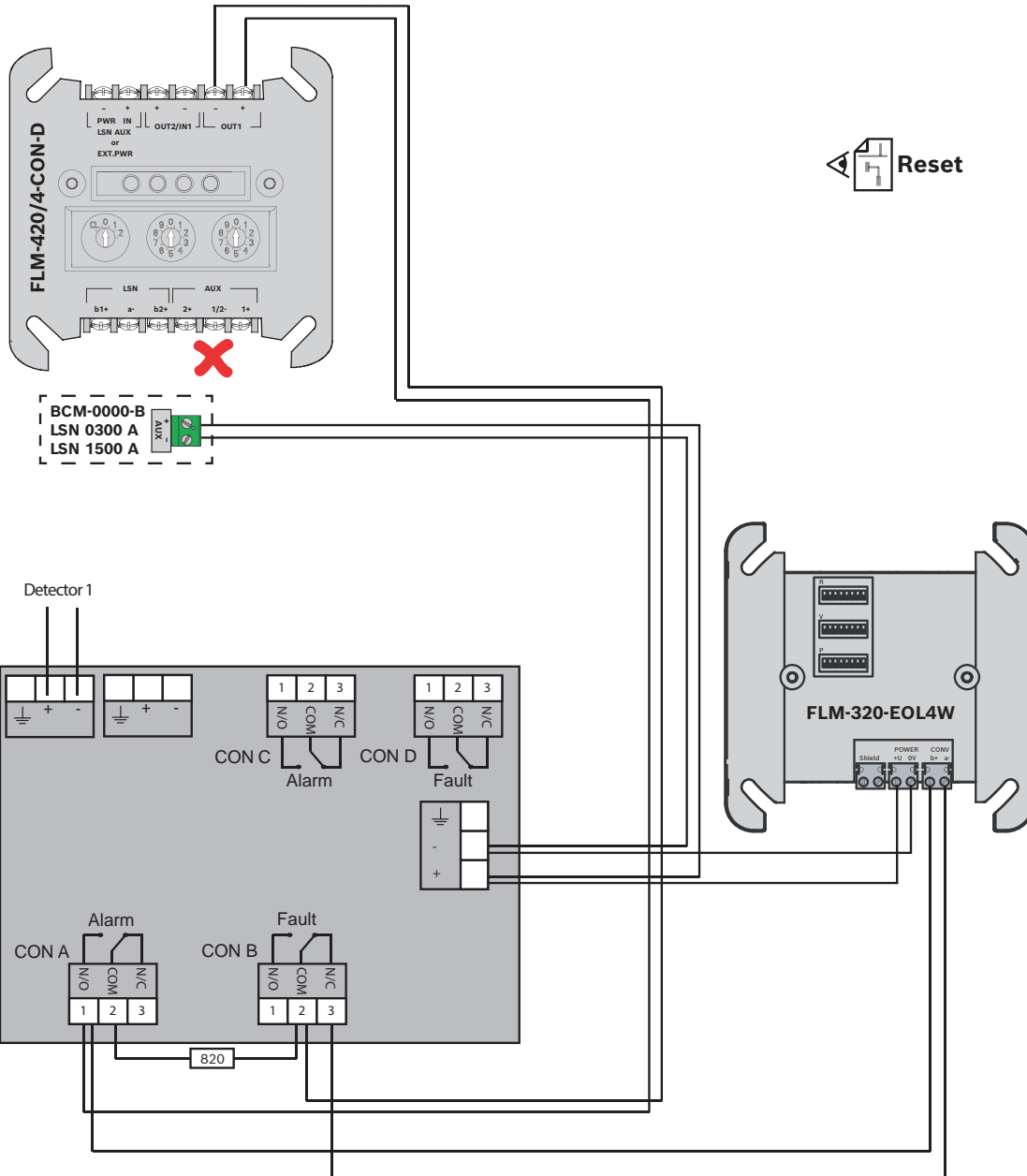


FIRERAY5000

1 x

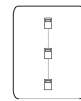


ELS

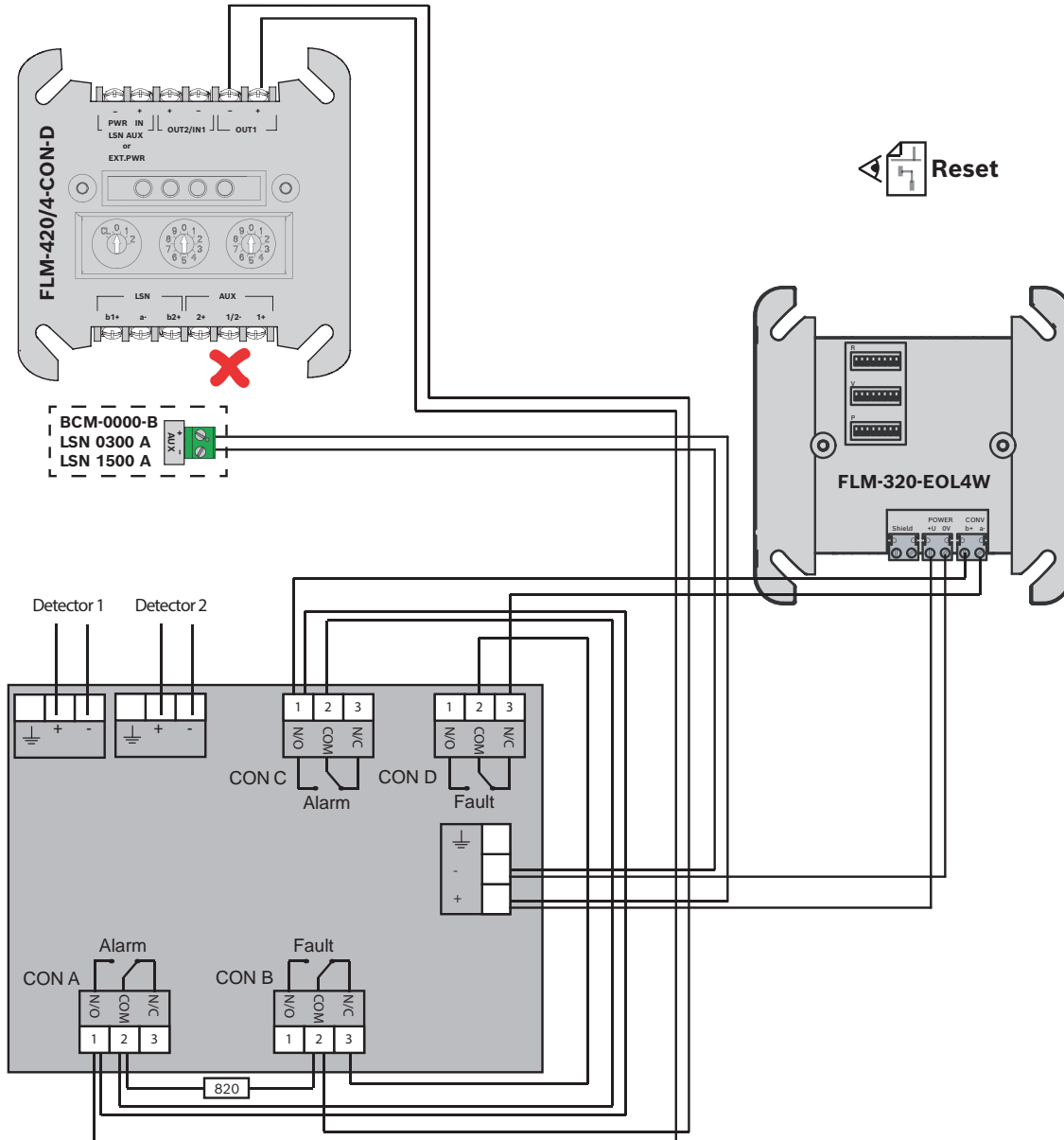


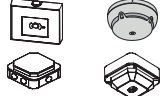


FIRERAY5000
2 x  **OUT1**

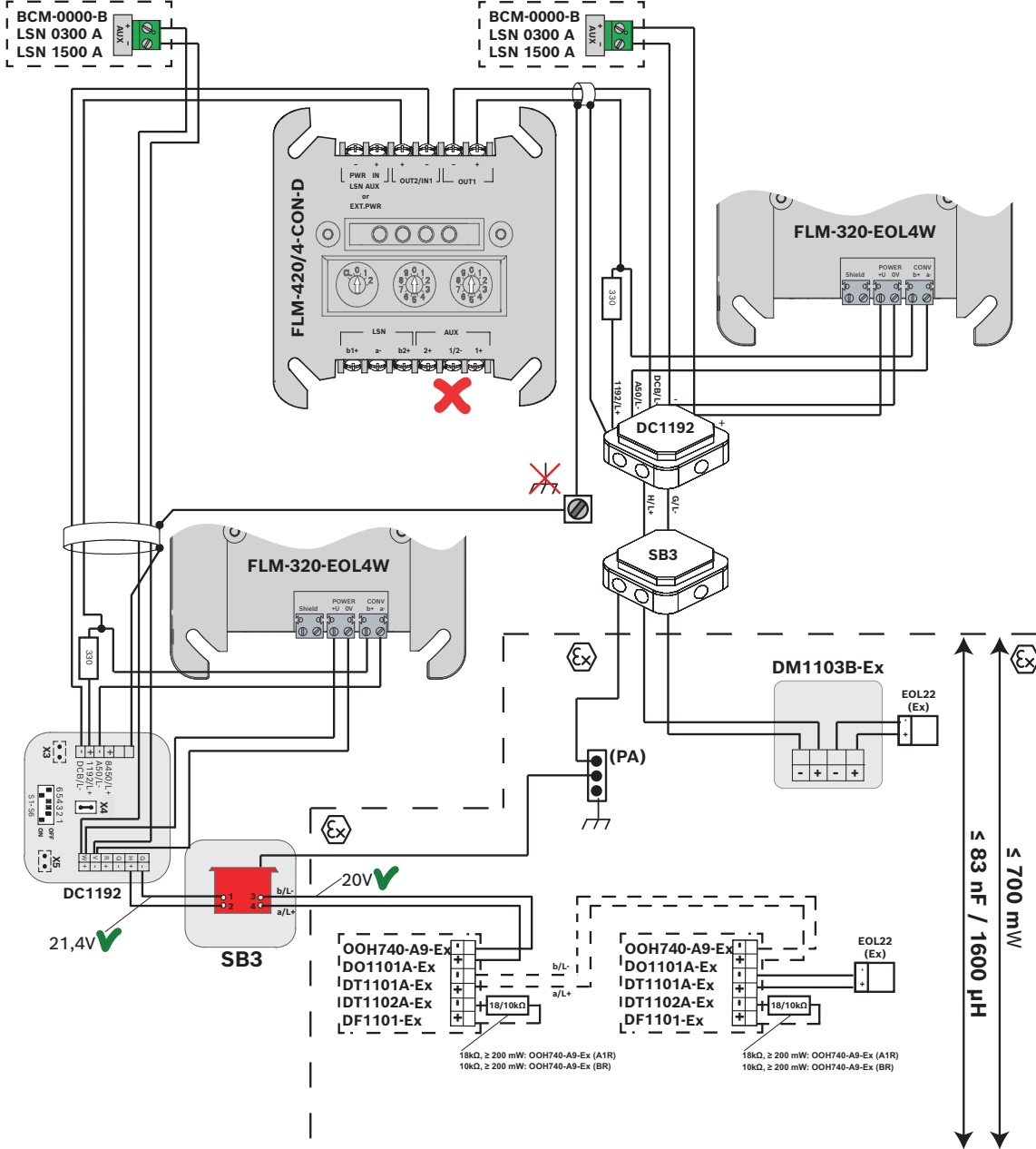
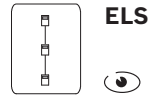


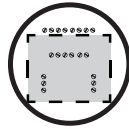
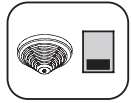
ELS



DC1192, SB3
 OOH740-A9-Ex
 DO1101A-Ex
 DT1101A-Ex/DT1102A-Ex
 DF1101-Ex
 DM1103B-Ex

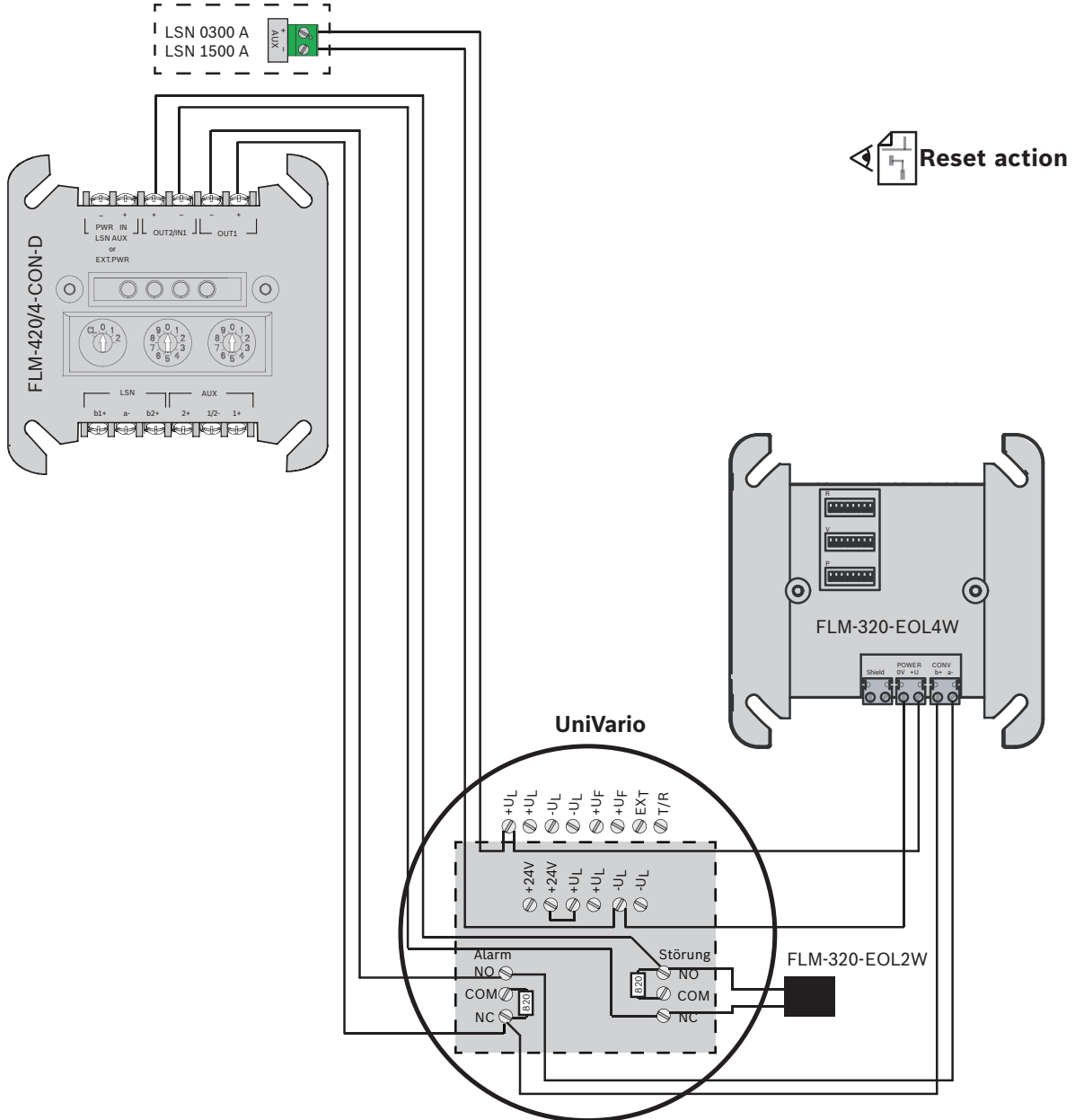




UniVario WMX5000
UniVario FMX5000
UniVario KMX5000



ELS



Reset action

Ευρετήριο

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