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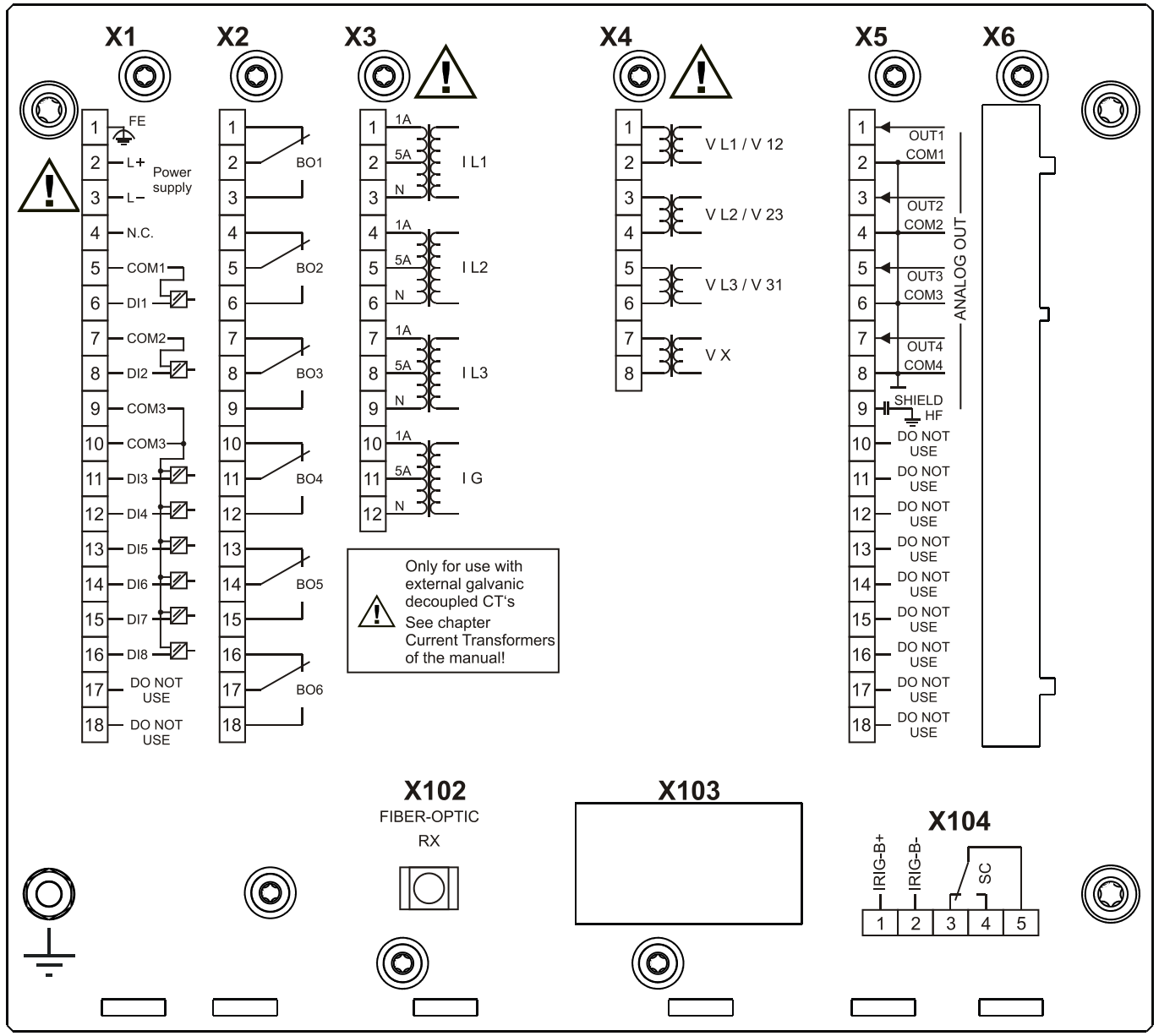
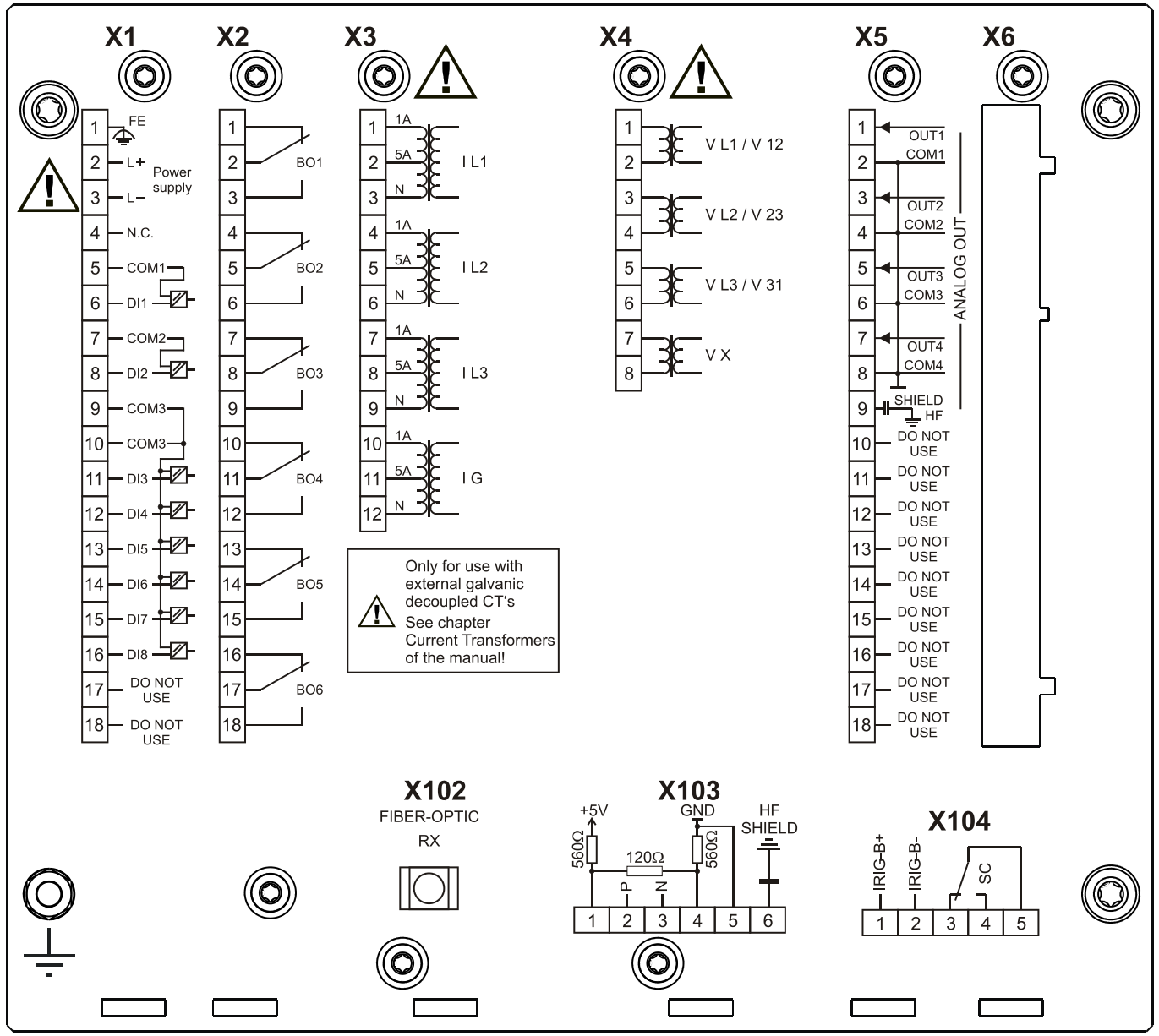
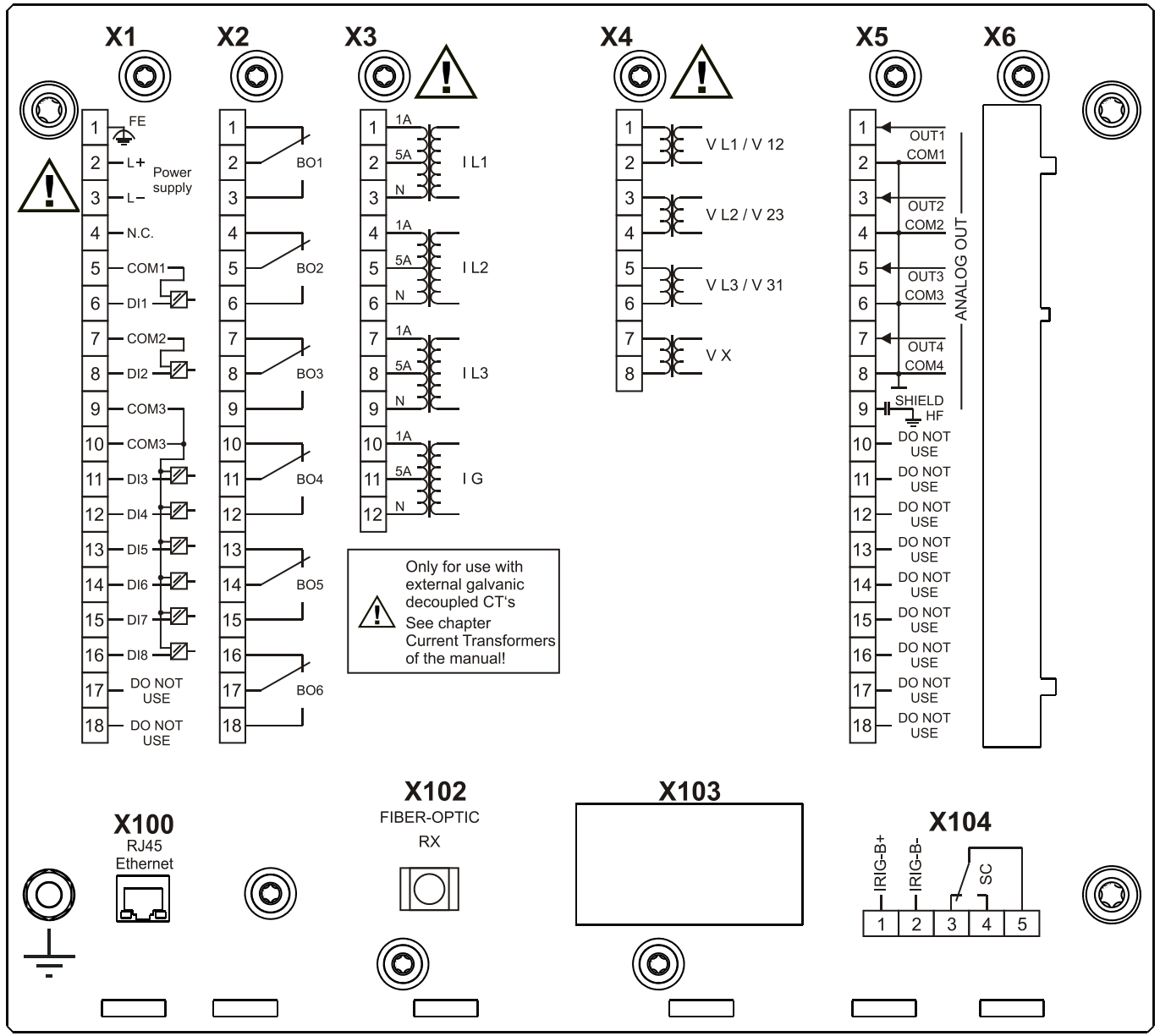

X1
X2
X3
X4
X5
X6
1 FE
2 L+
3 L–
Power supply
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

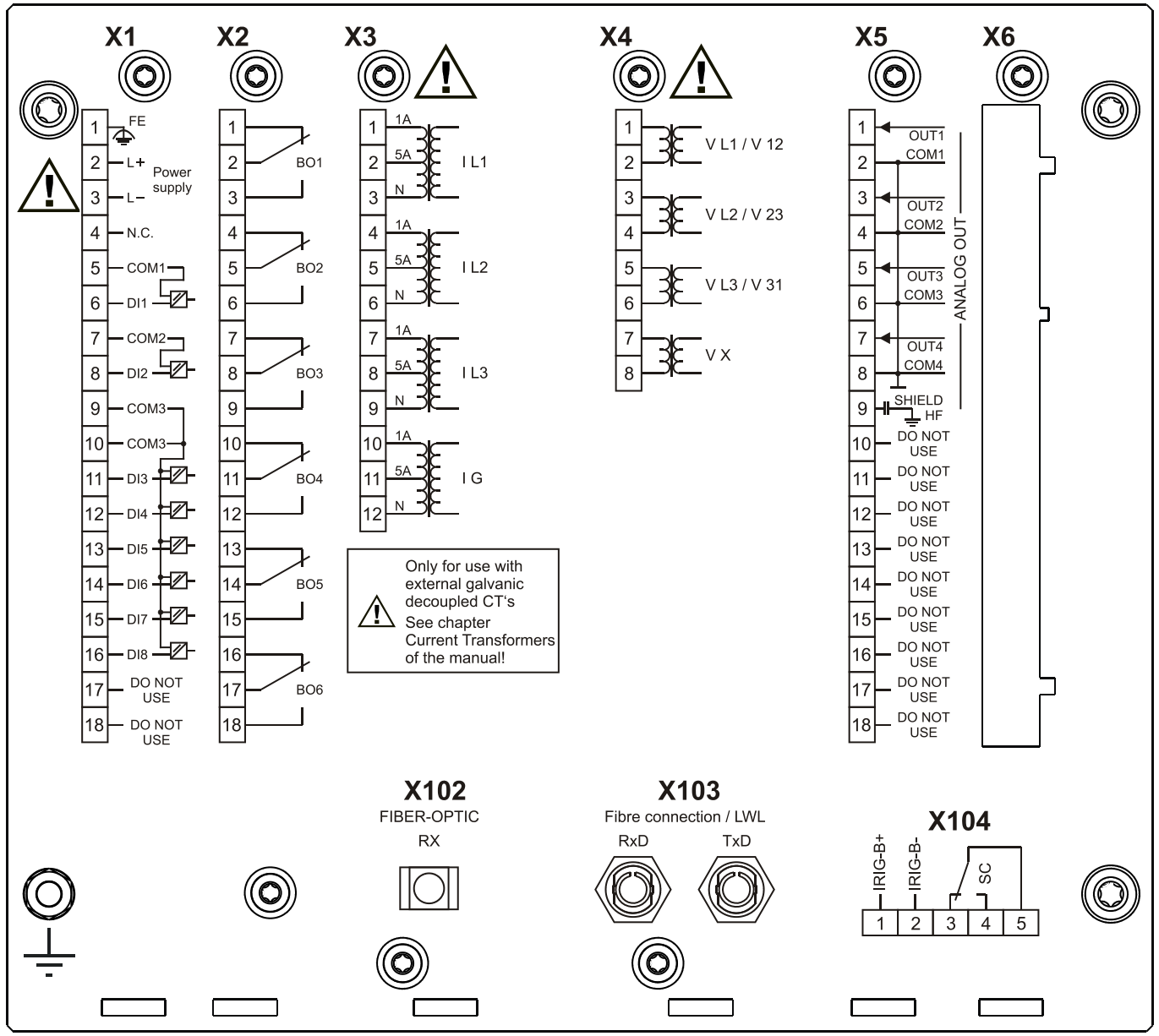
MRMV4A0AB


X1
X2
X3
X4
X5
X6
1 FE
2 L+
3 L–
Power supply
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
+5V
GND
HF SHIELD
560Ω
120Ω
560Ω
P
N
1 2 3 4 5 6
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

MRMV4A0AC


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

MRMV4A0AD


X1
X2
X3
X4
X5
X6
1 FE
2 L+
3 L–
Power supply
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

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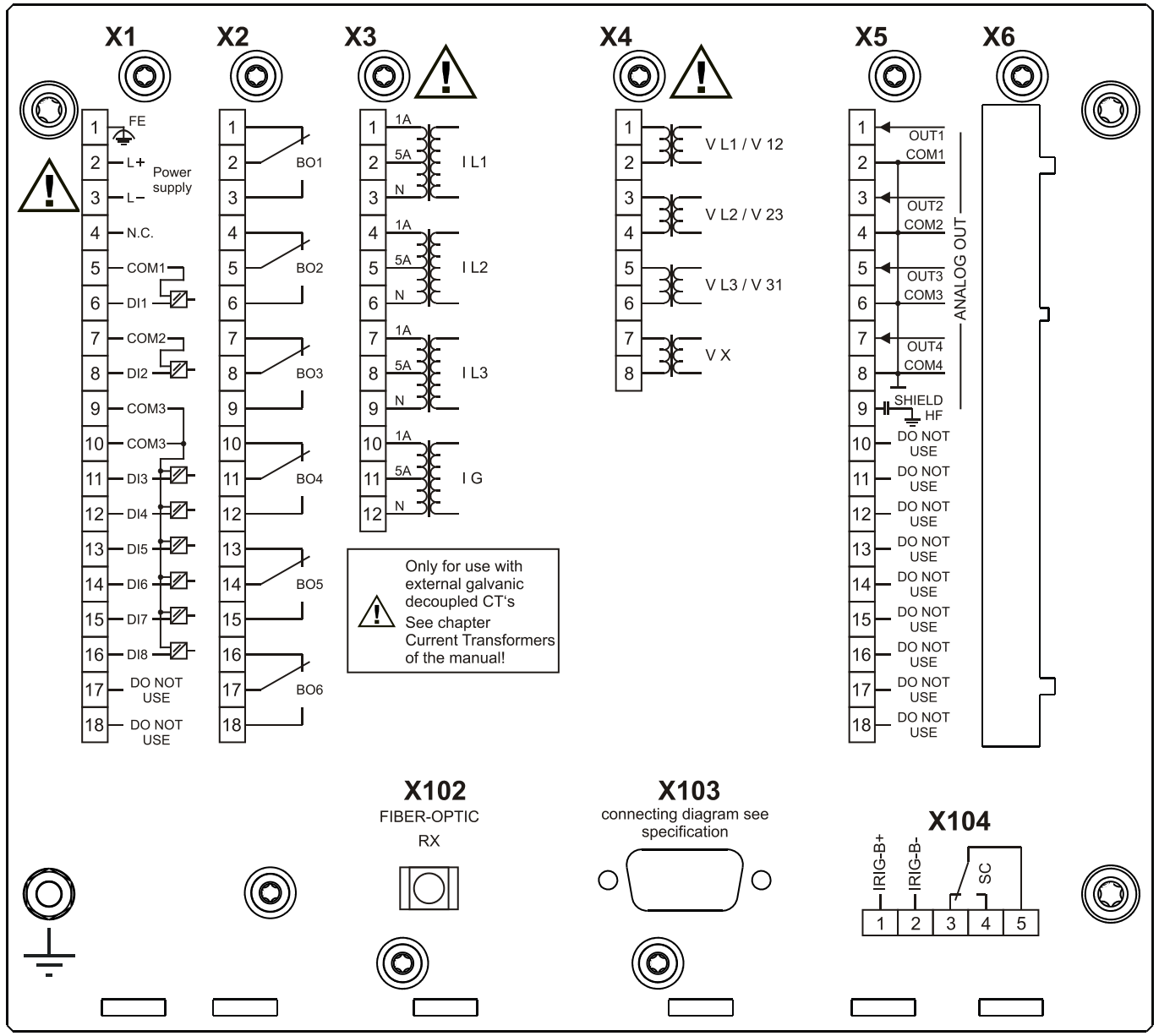
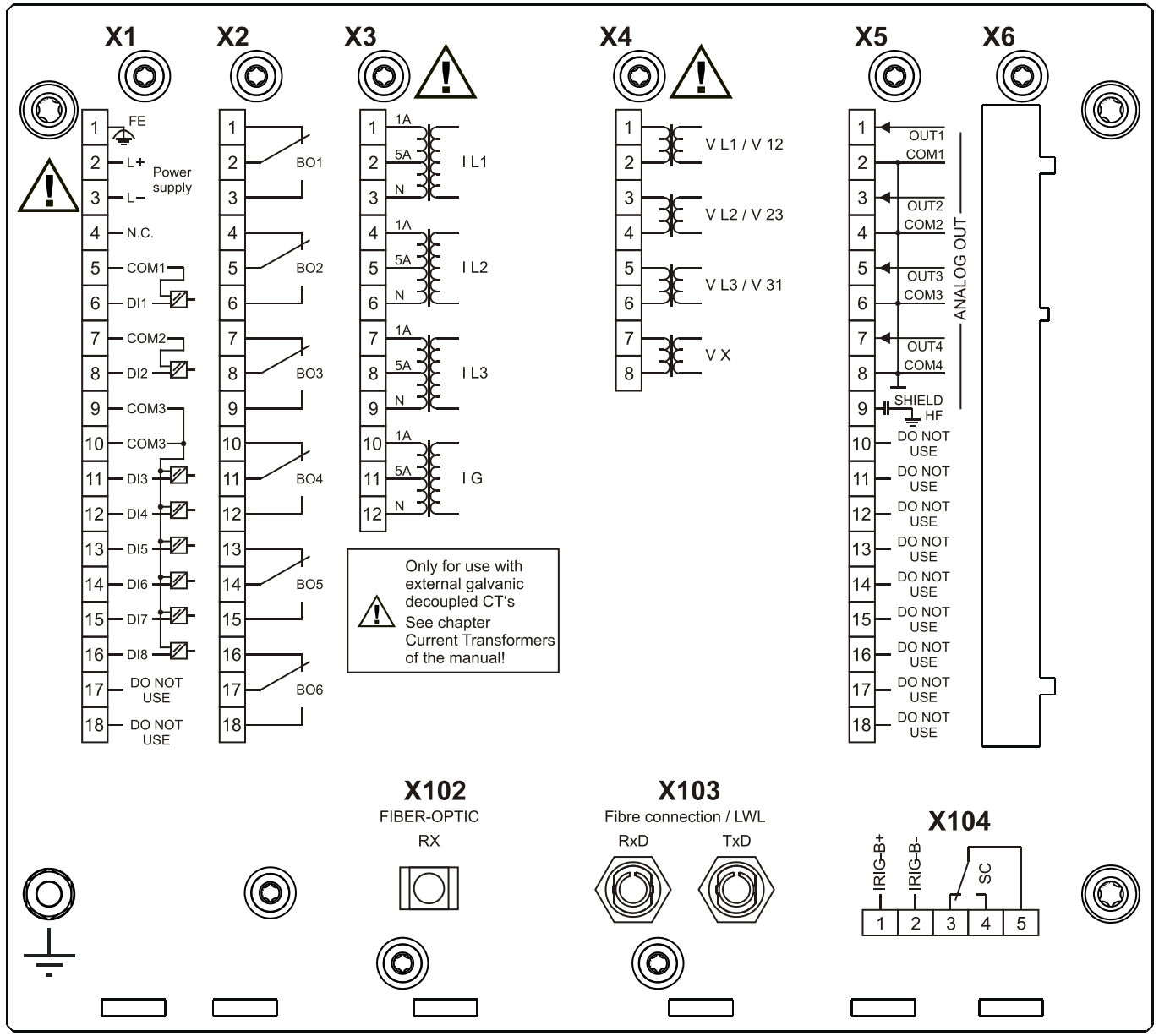
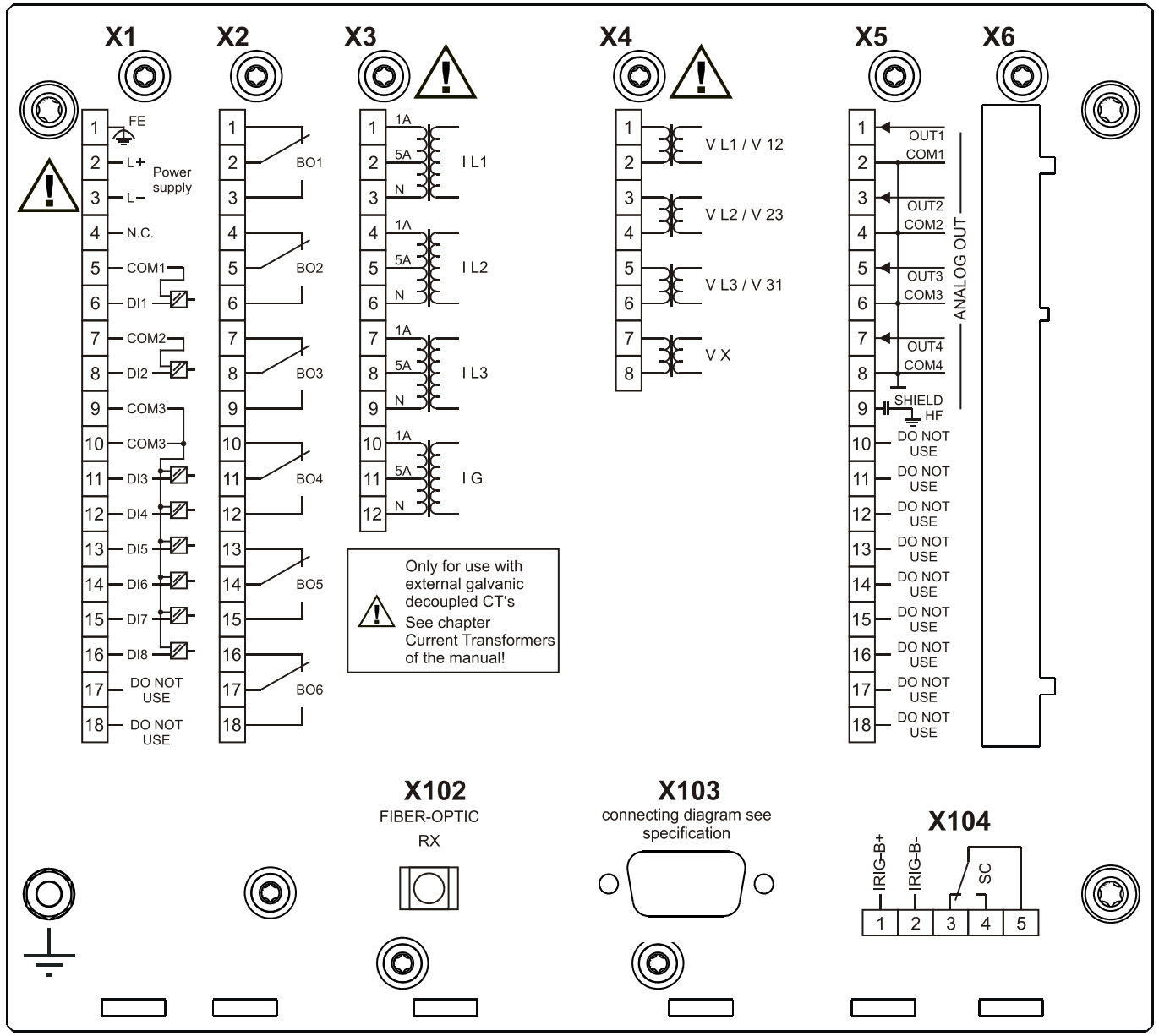

X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC

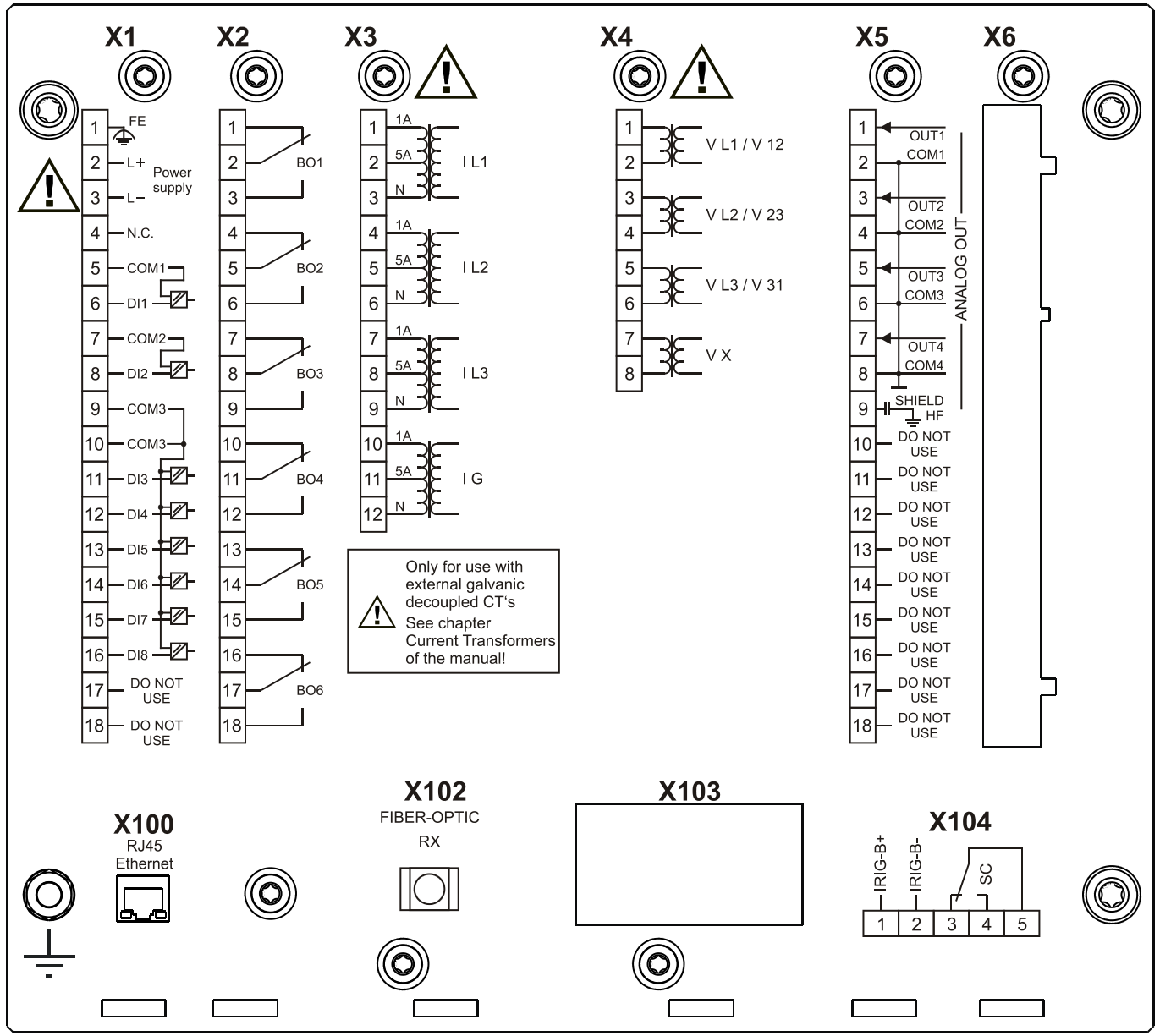
MRMV4A0AF


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC

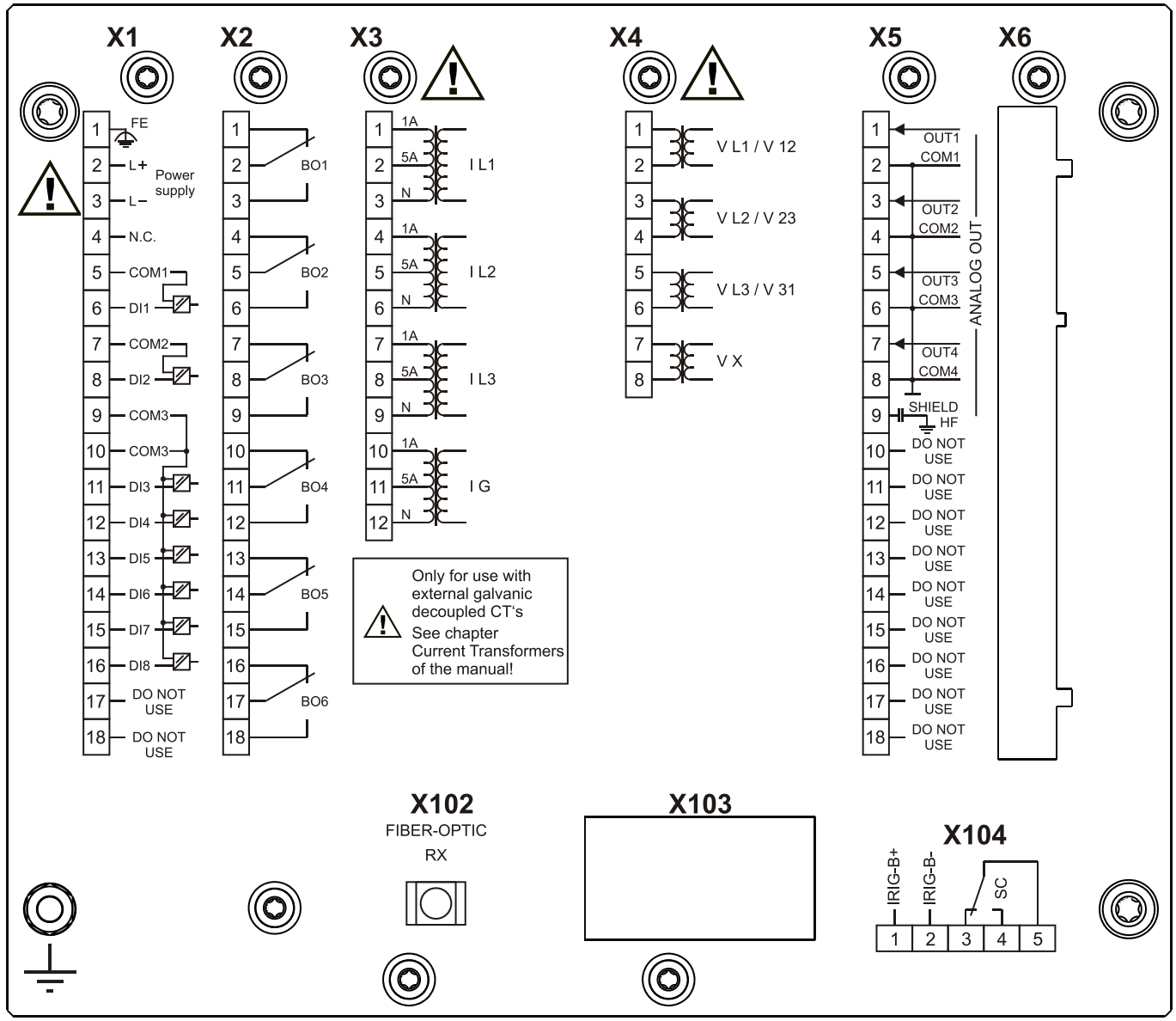
MRMV4A0AG


X1
X2
X3
X4
X5
X6
1 FE
2 L+
3 L–
Power supply
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

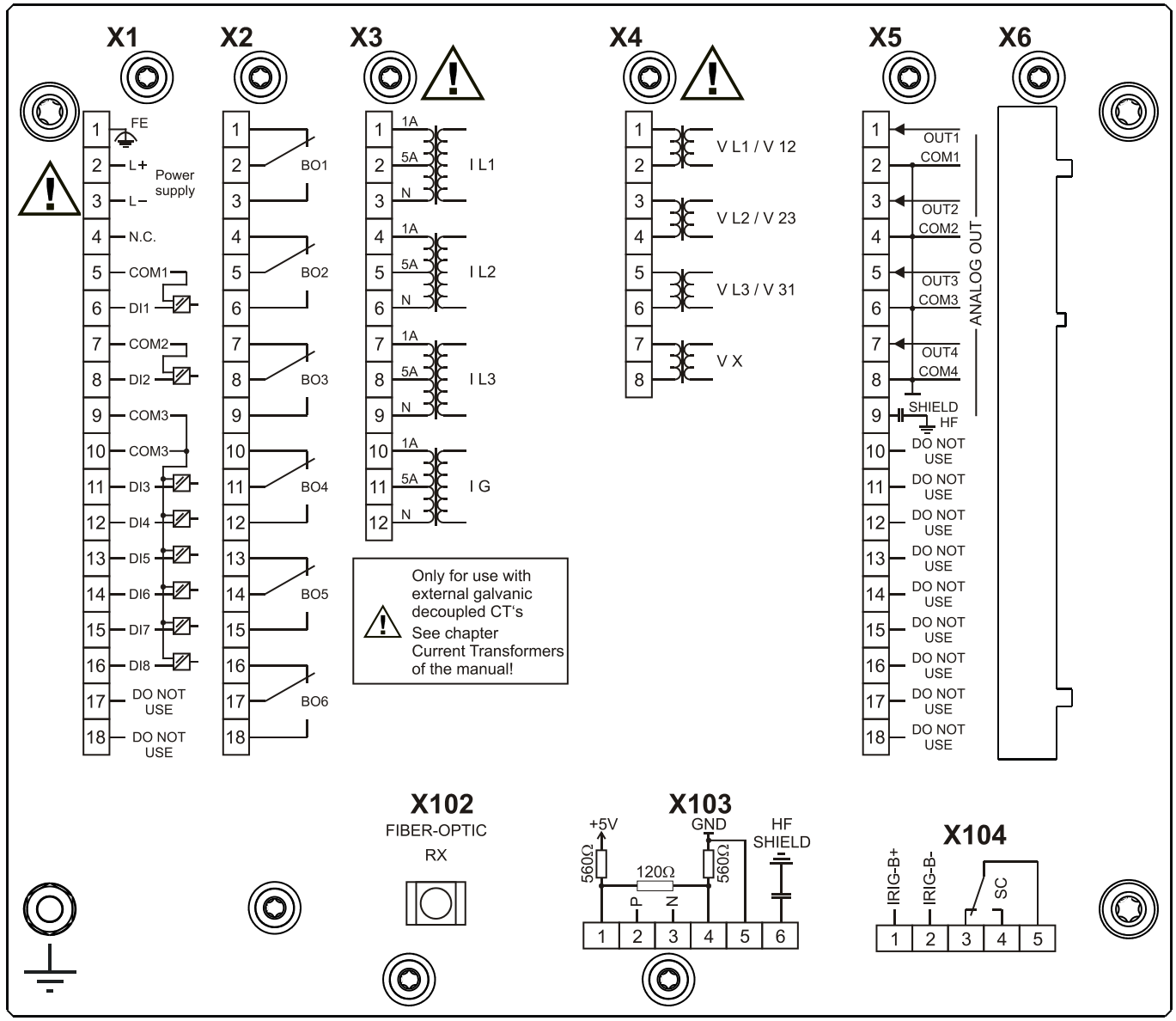
MRMV4A0AH


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

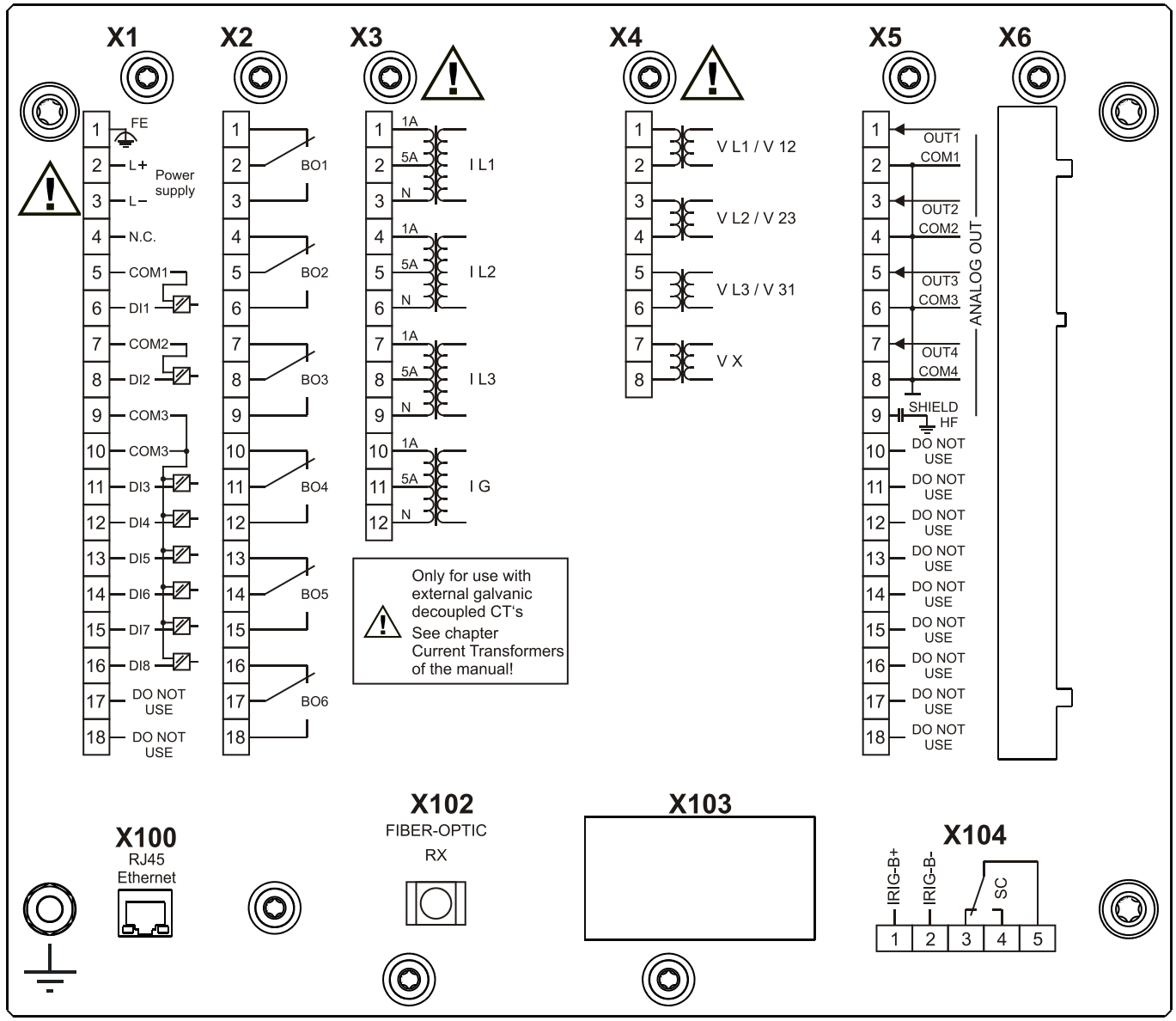
MRMV4A0BA


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

MRMV4A0BB


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
+5V
GND
HF SHIELD
560Ω
120Ω
560Ω
P
N
X104
IRIG-B+
IRIG-B-
SC

MRMV4A0BC


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

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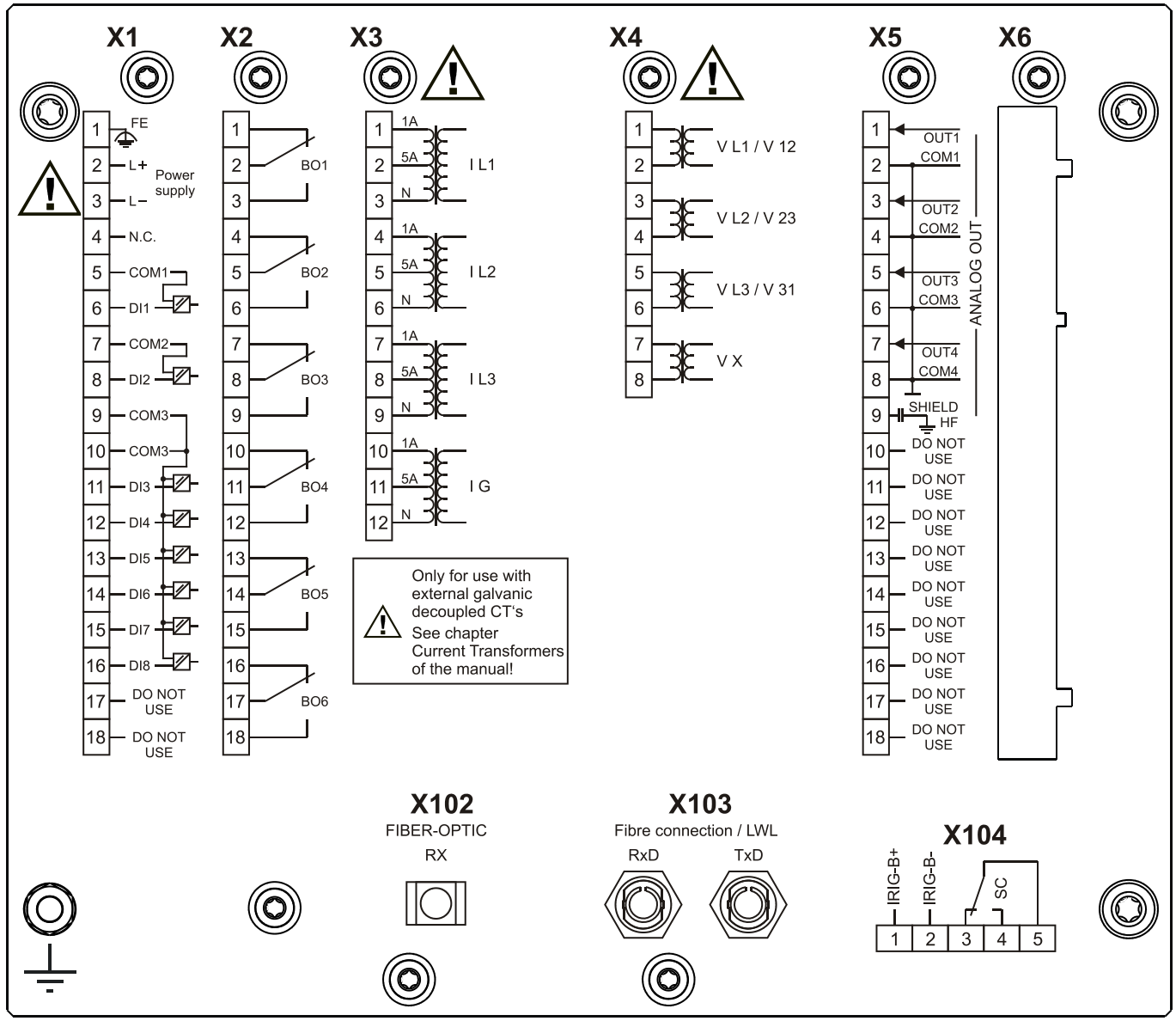
X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

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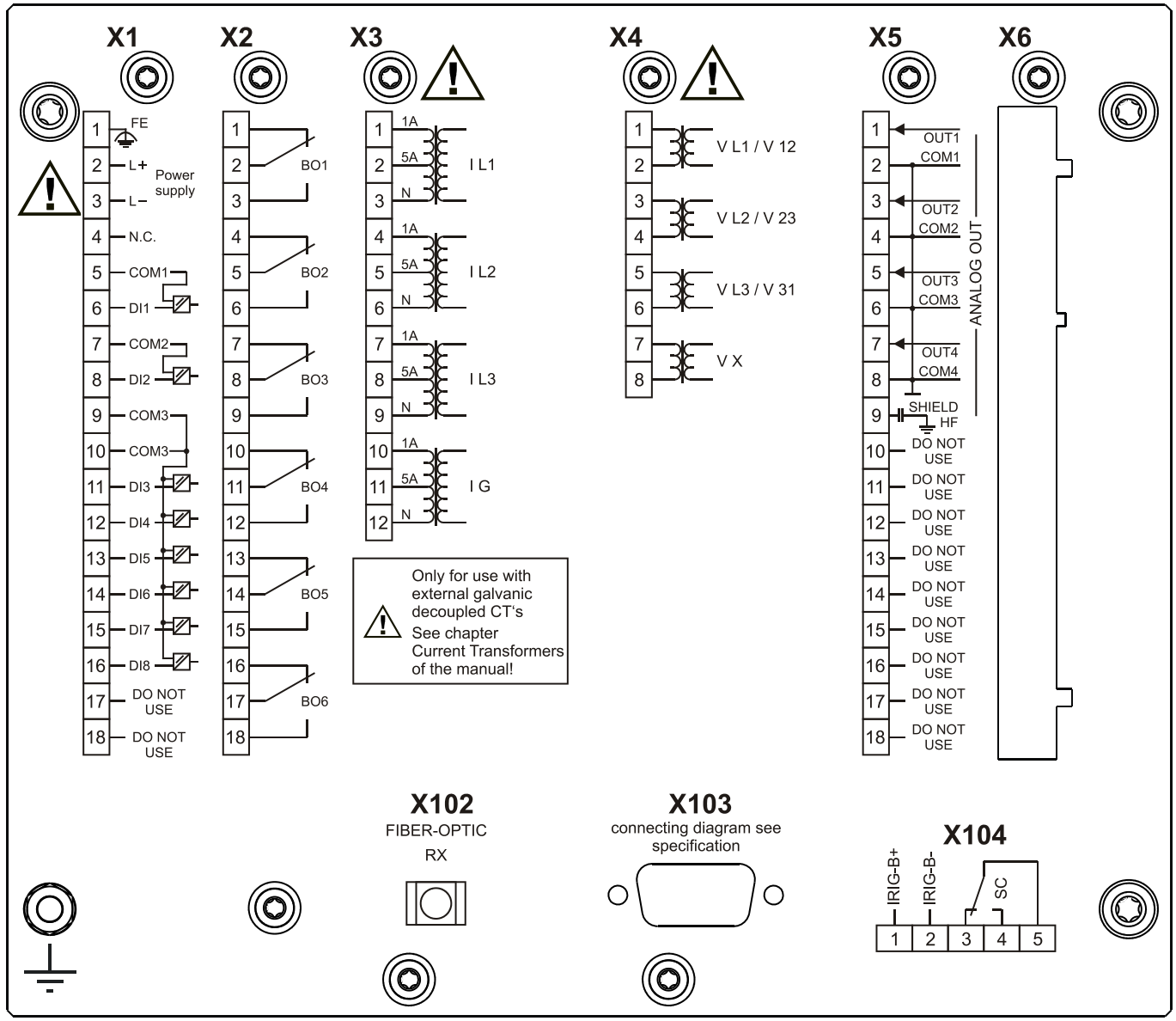
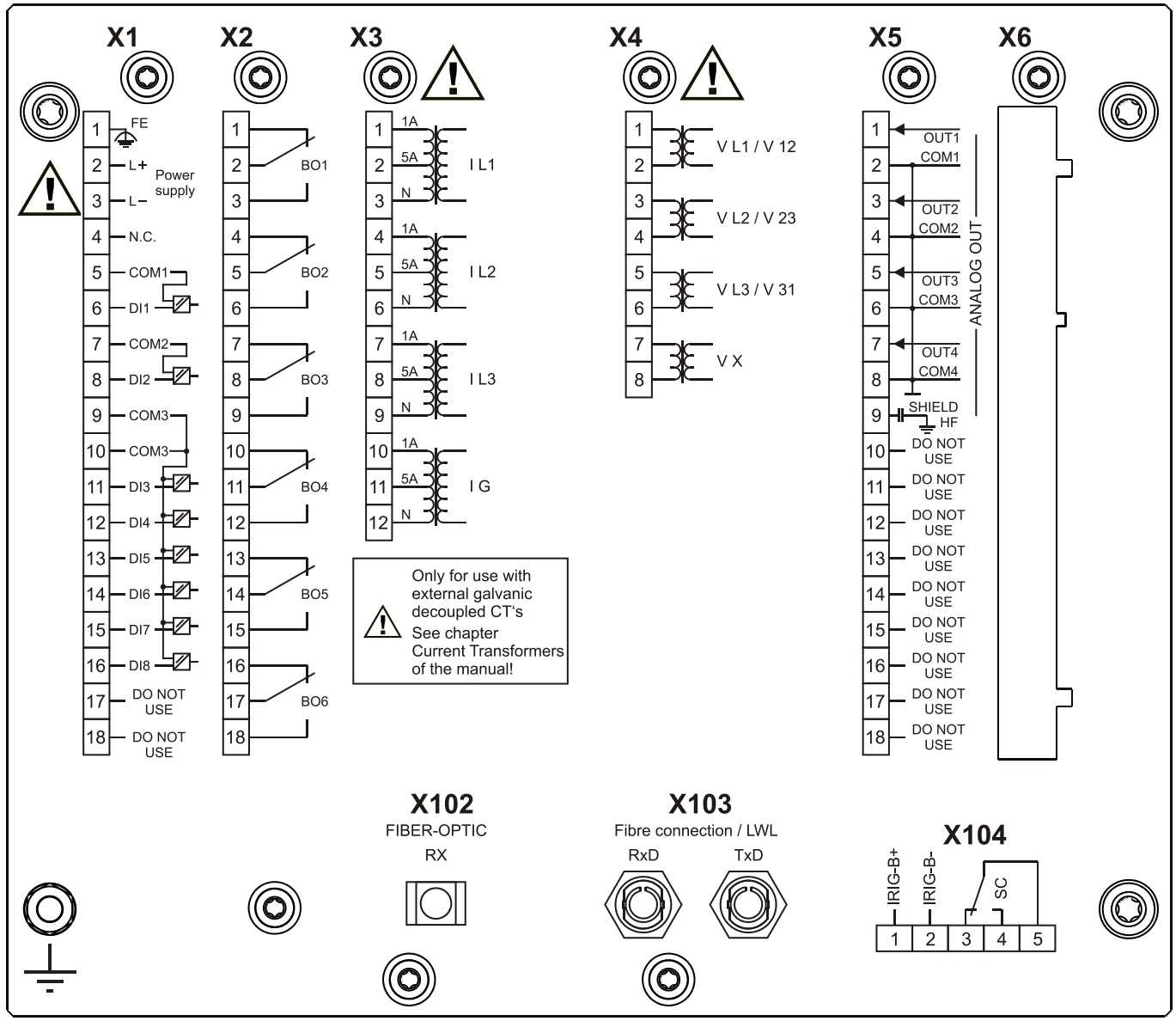
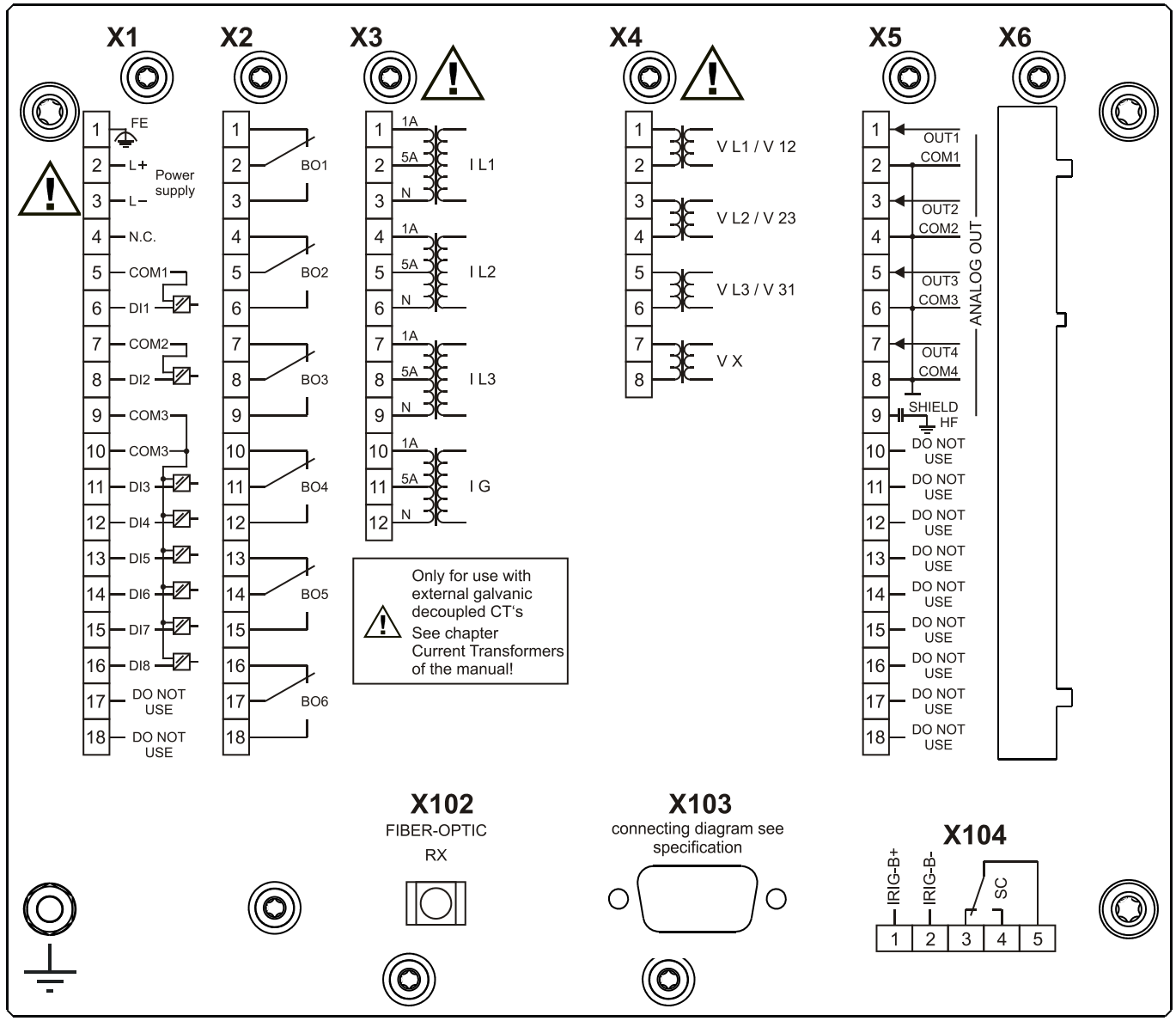

X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

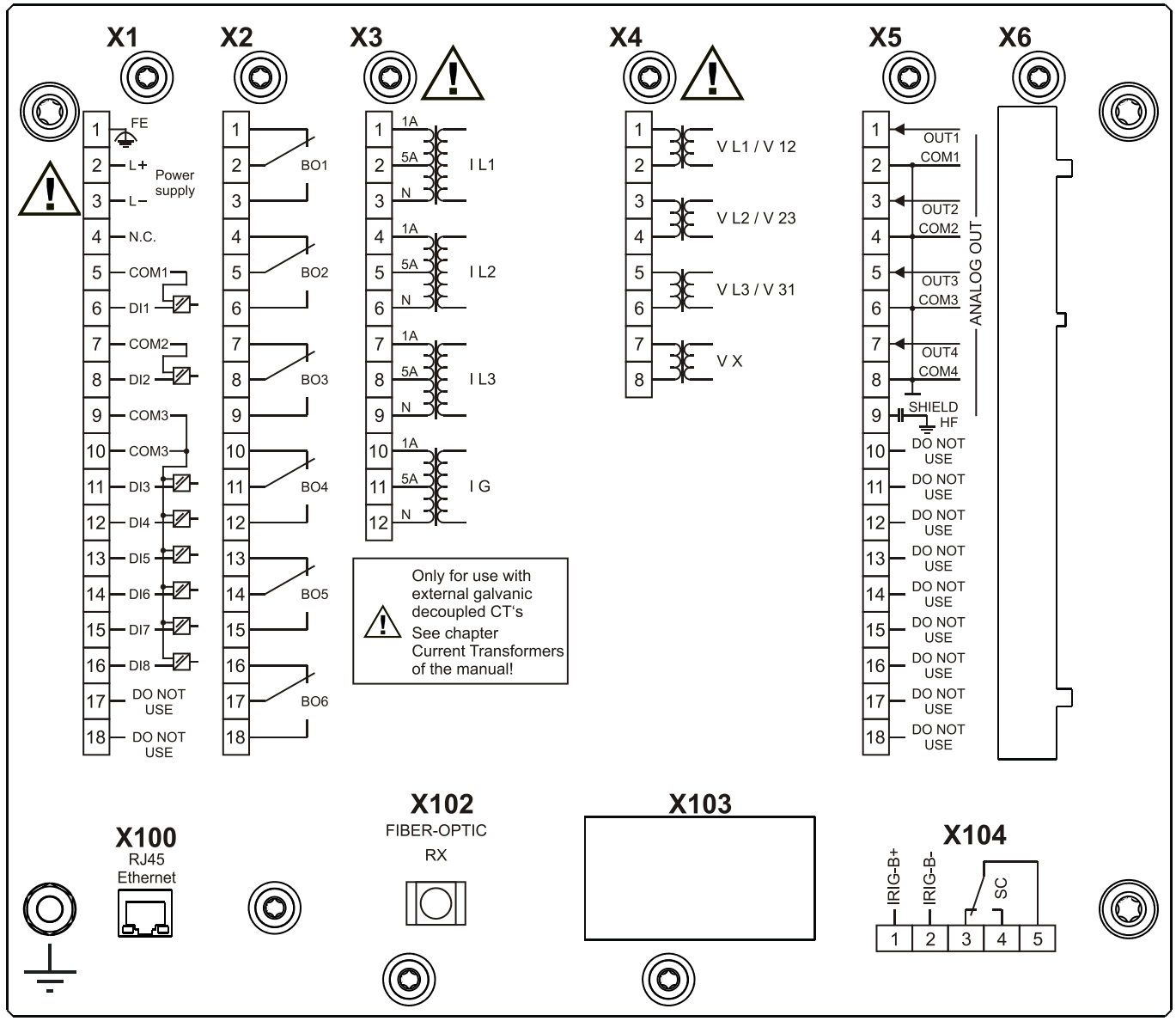
MRMV4A0BF


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC

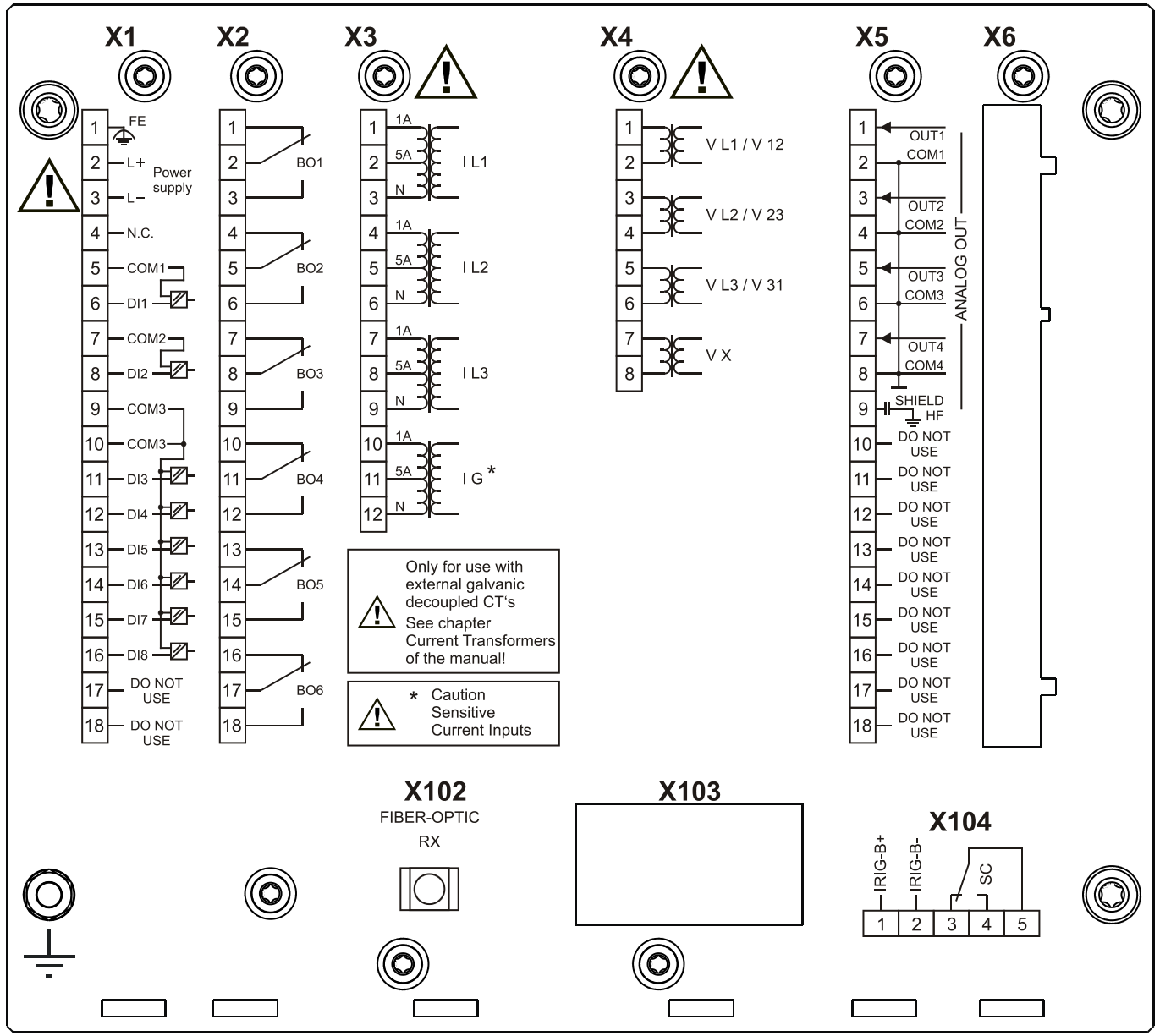
MRMV4A0BG


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

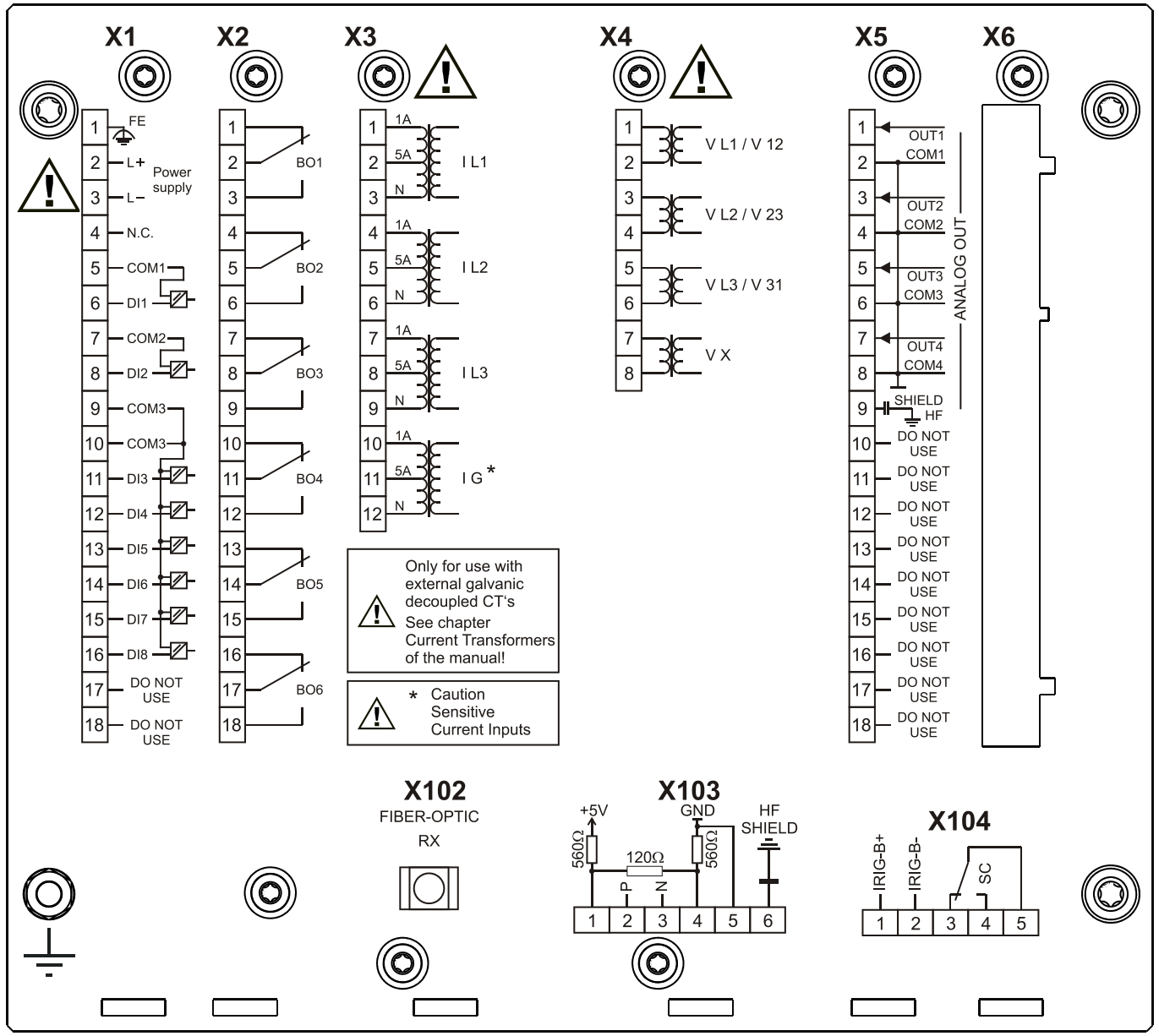
MRMV4A0BH


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

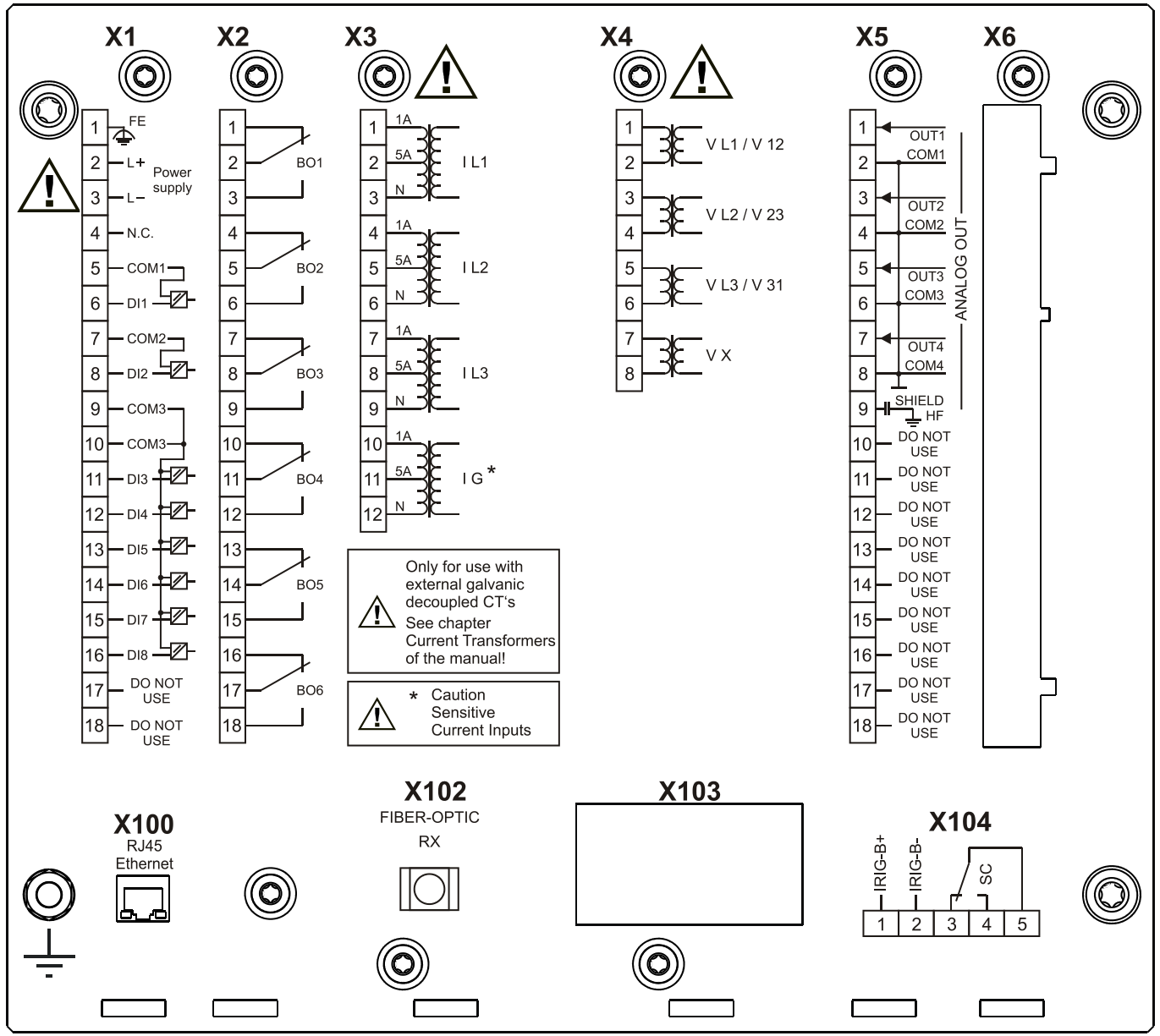
MRMV4A1AA


X1
X2
X3
X4
X5
X6
1 FE
2 L+
3 L–
Power supply
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

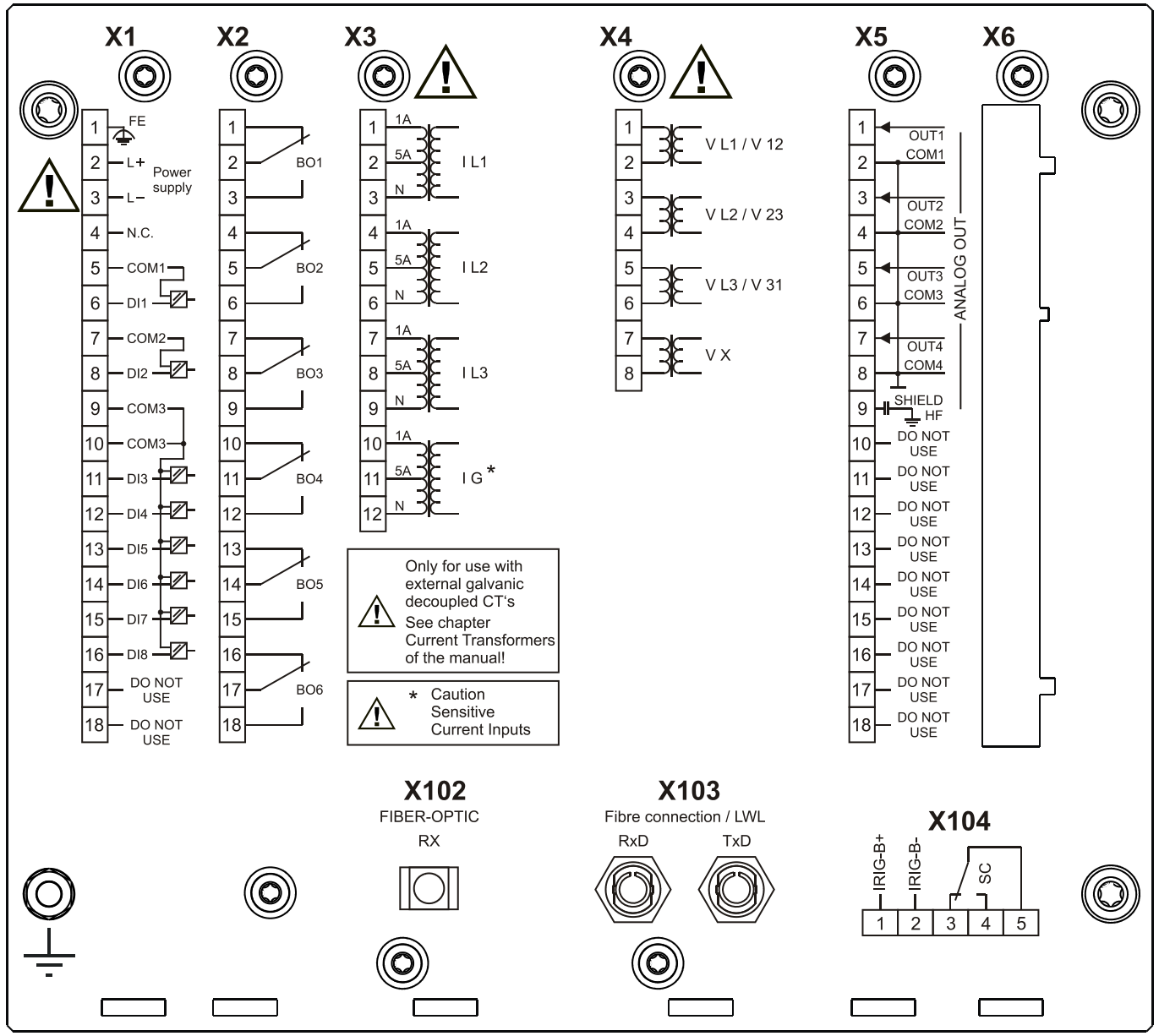
MRMV4A1AB


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
+5V
GND
HF SHIELD
560Ω
120Ω
560Ω
P
N
X104
IRIG-B+
IRIG-B-
SC

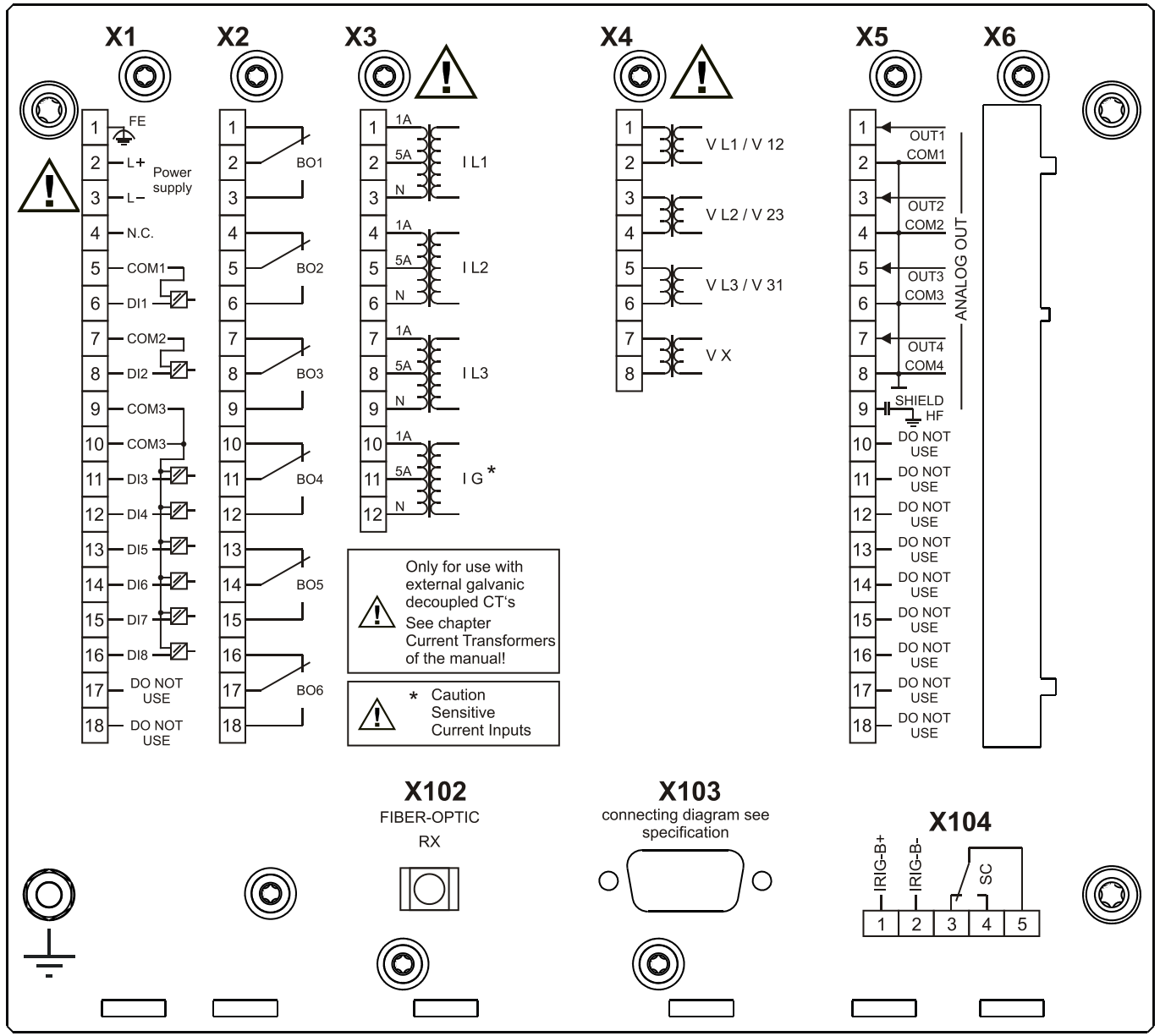
MRMV4A1AC


X1
X2
X3
X4
X5
X6
1 FE
2 L+
3 L–
Power supply
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

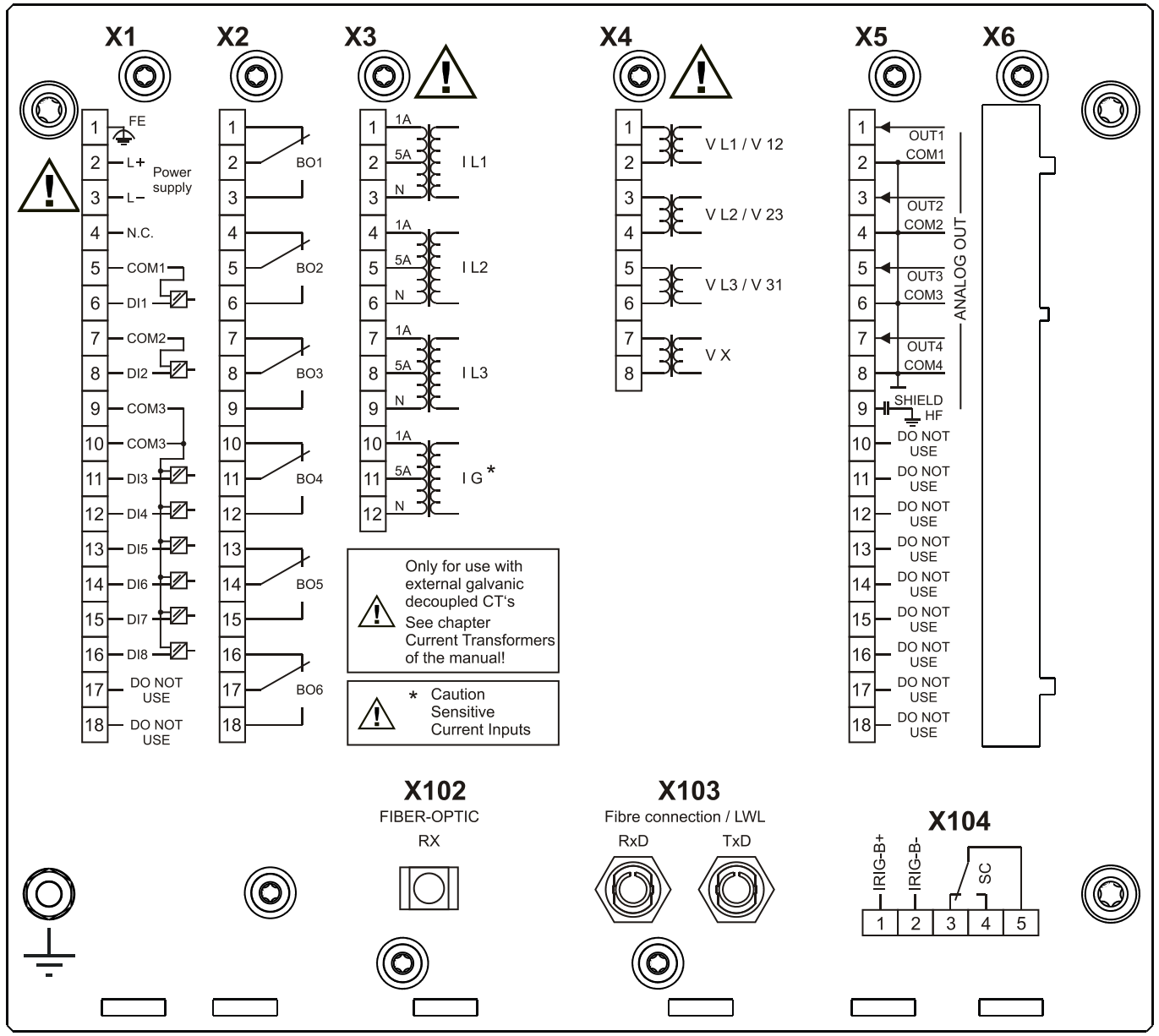
MRMV4A1AD


X1
X2
X3
X4
X5
X6
1 FE
2 L+
3 L–
Power supply
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

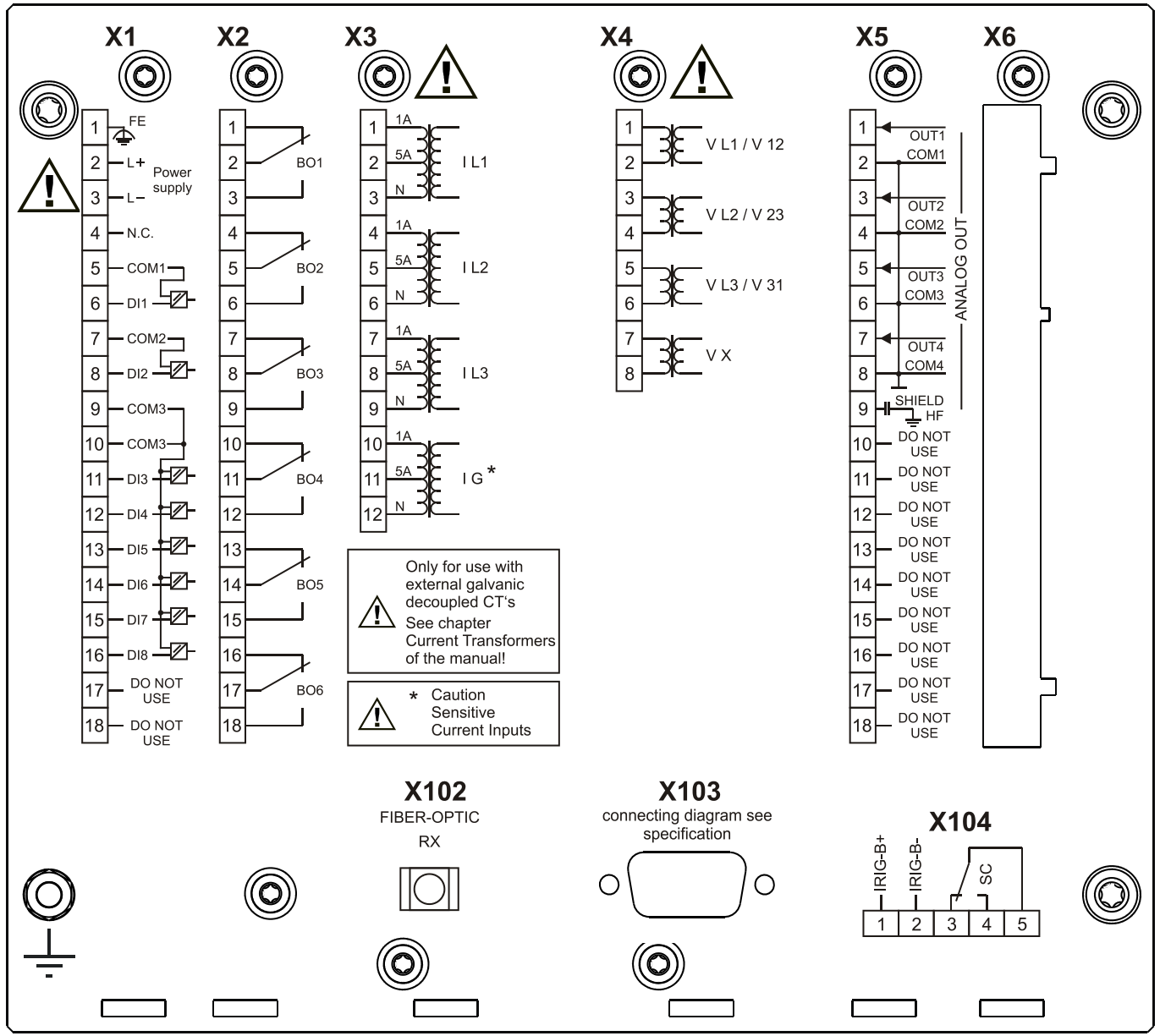
MRMV4A1AE


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

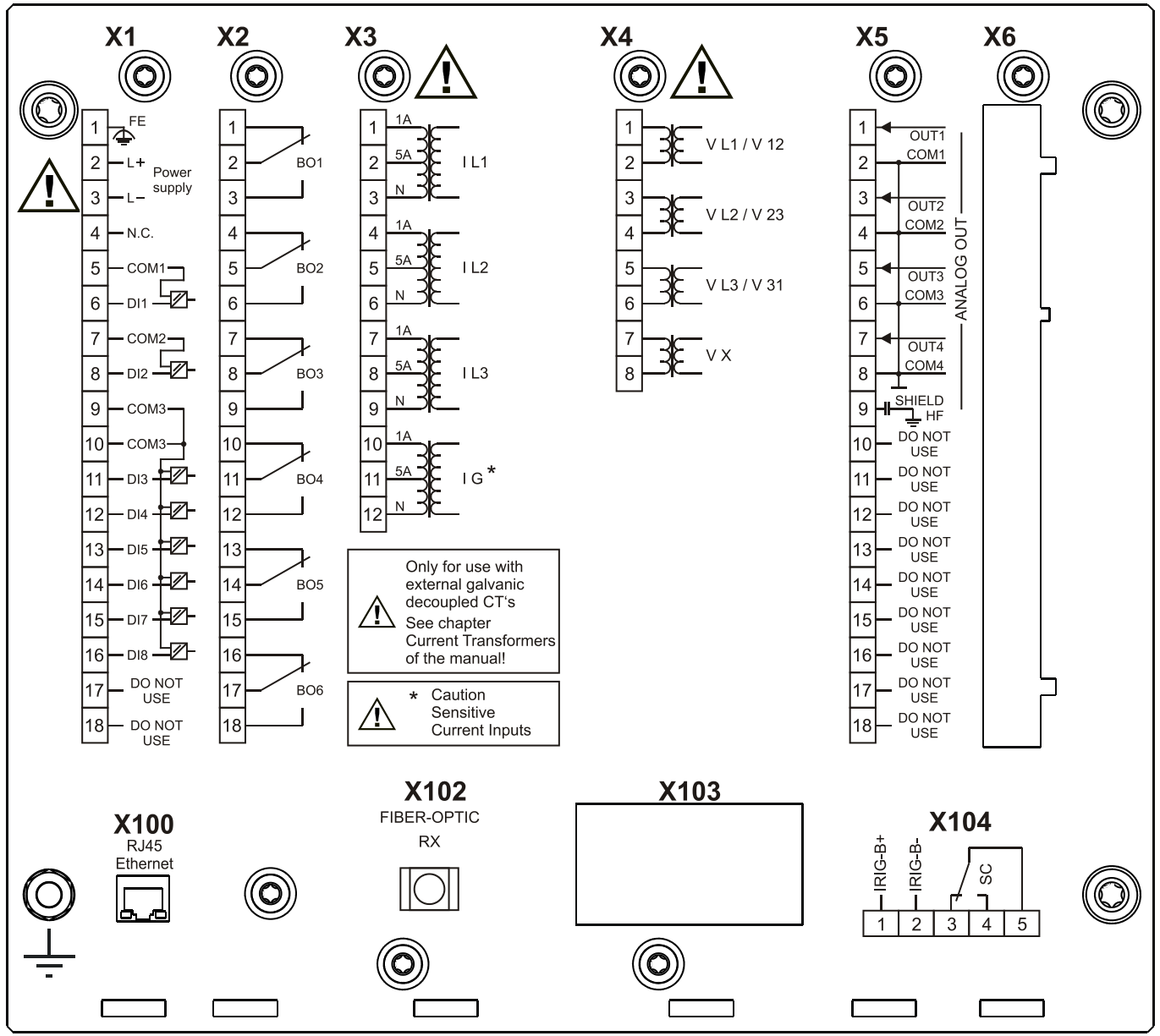
MRMV4A1AF


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC

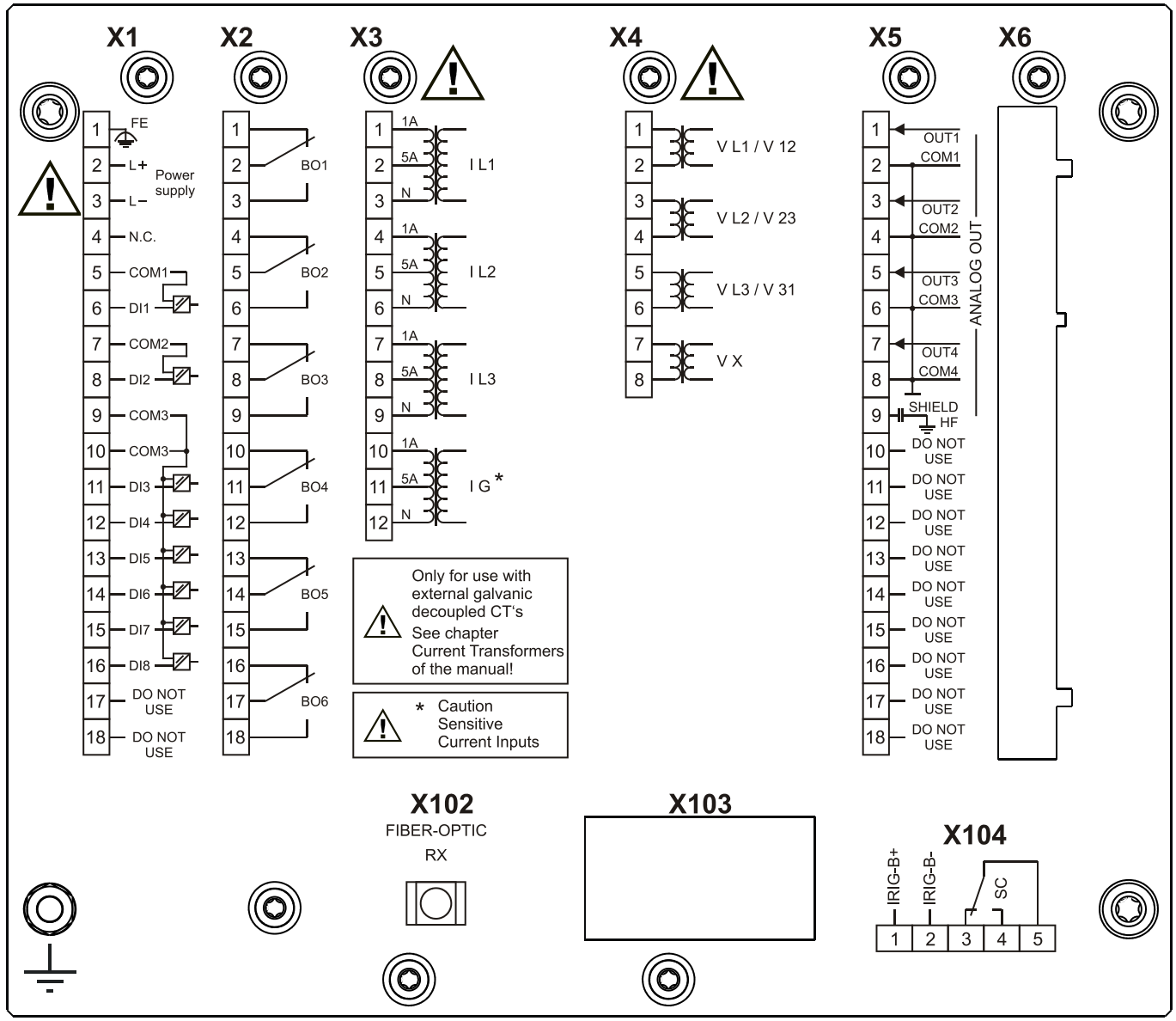
MRMV4A1AG


X1
X2
X3
X4
X5
X6
1 FE
2 L+
3 L–
Power supply
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

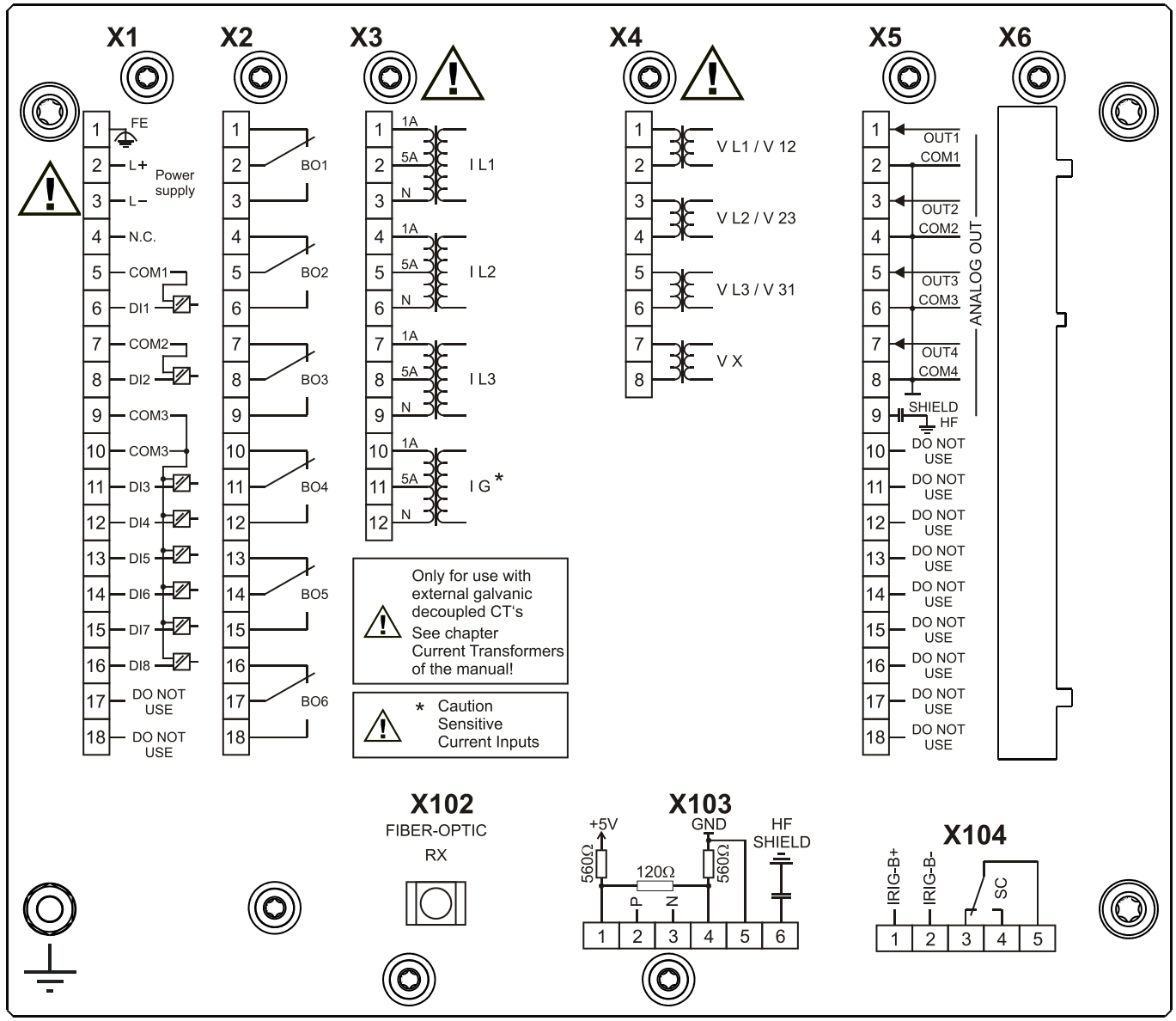
MRMV4A1AH


X1
X2
X3
X4
X5
X6
1 FE
2 L+
3 L–
Power supply
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

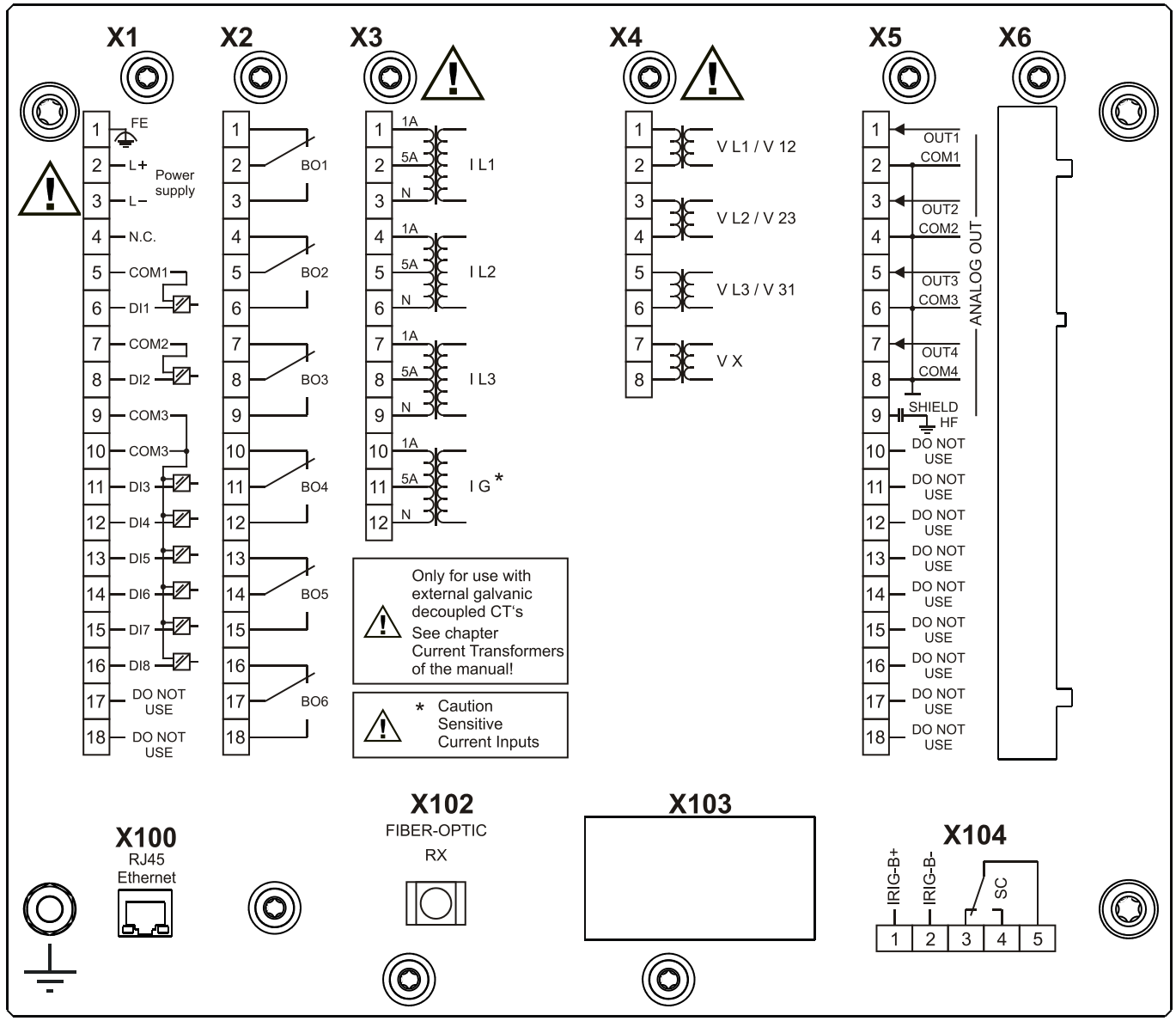
MRMV4A1BA


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

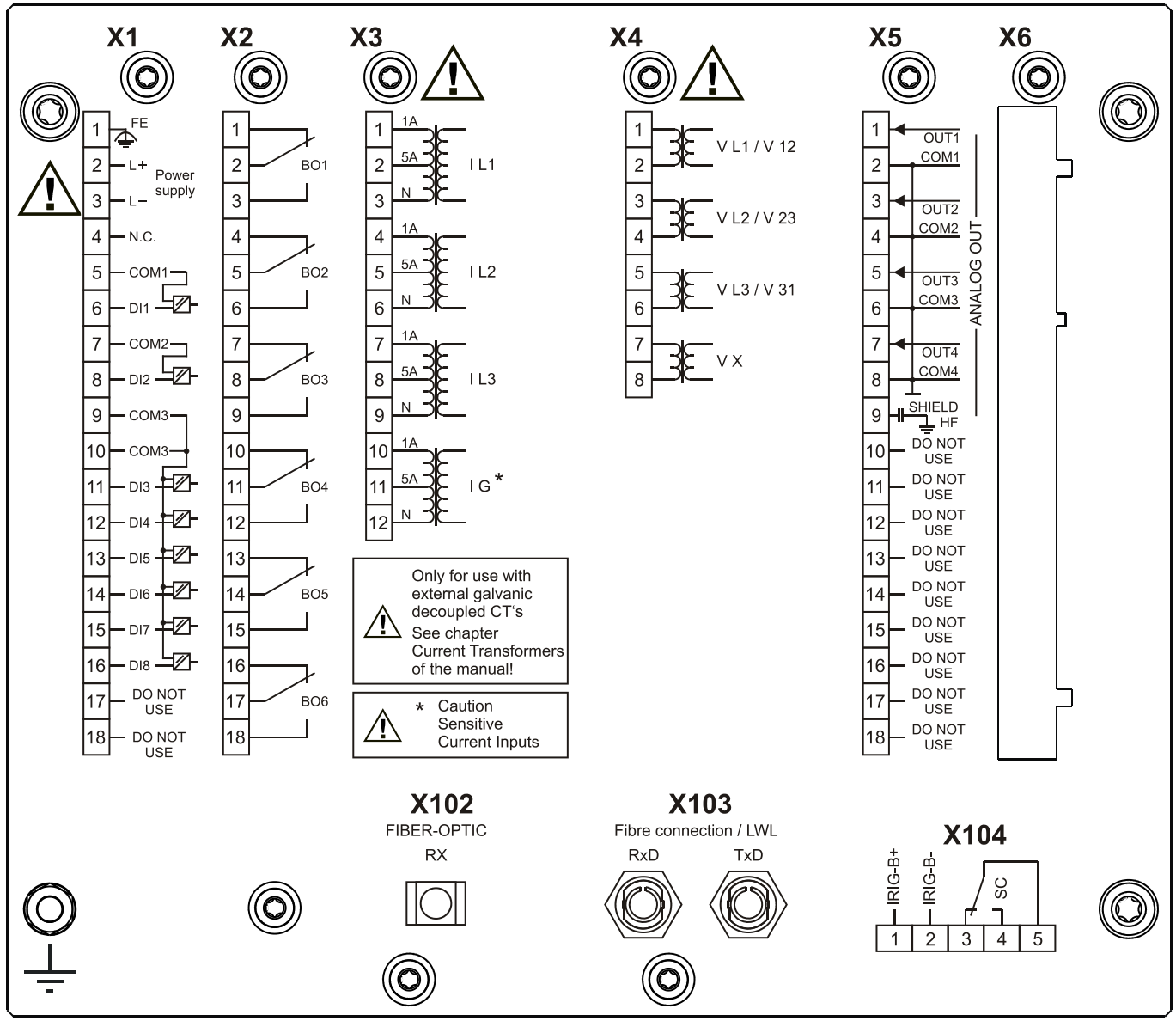
MRMV4A1BB


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
+5V
GND
HF SHIELD
560Ω
120Ω
560Ω
P
N
X104
IRIG-B+
IRIG-B-
SC

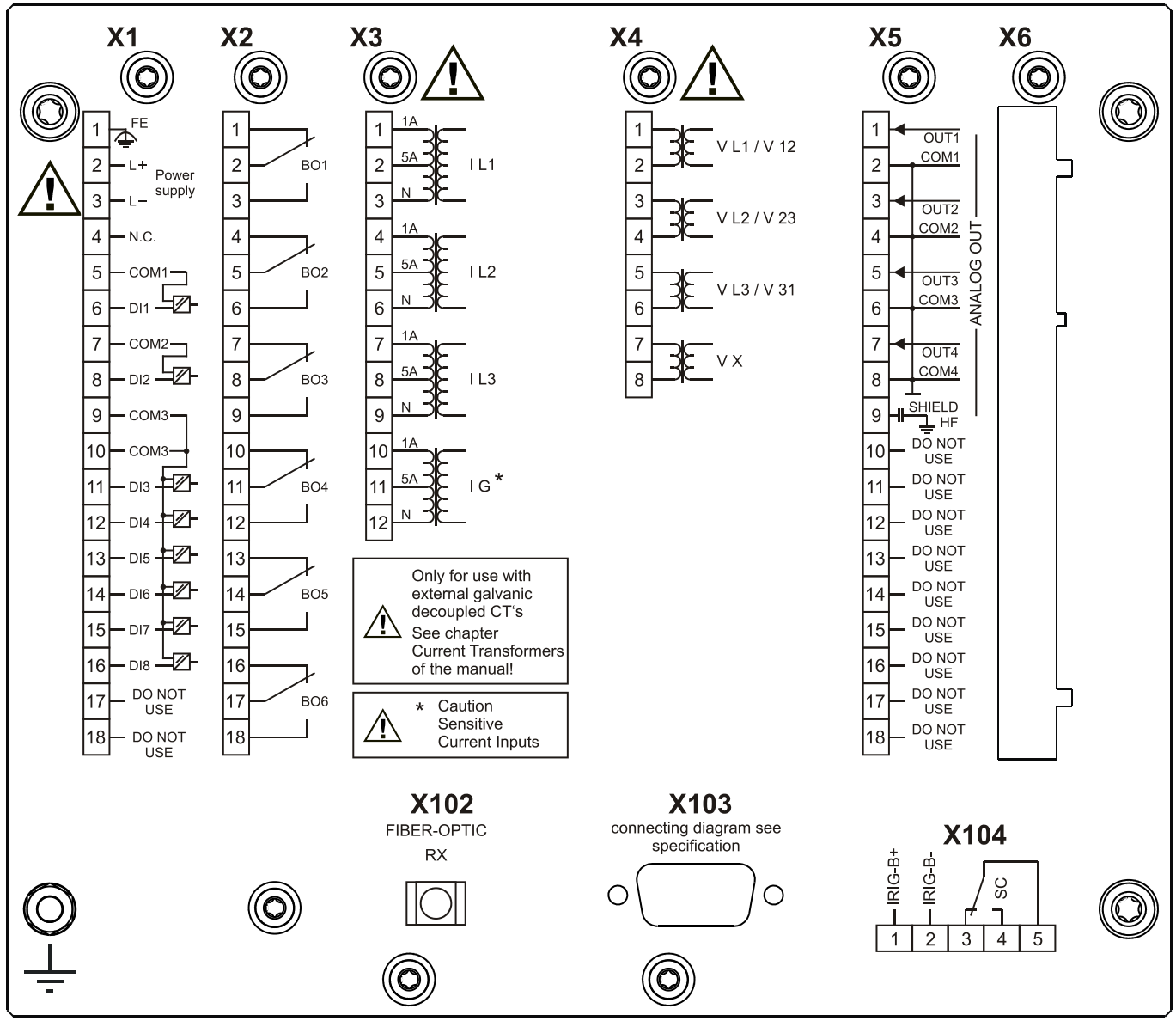
MRMV4A1BC


X1
X2
X3
X4
X5
X6
1 FE
2 L+ Power supply
3 L–
4 N.C.
5 COM1
6 DI1
7 COM2
8 DI2
9 COM3
10 COM3
11 DI3
12 DI4
13 DI5
14 DI6
15 DI7
16 DI8
17 DO NOT USE
18 DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

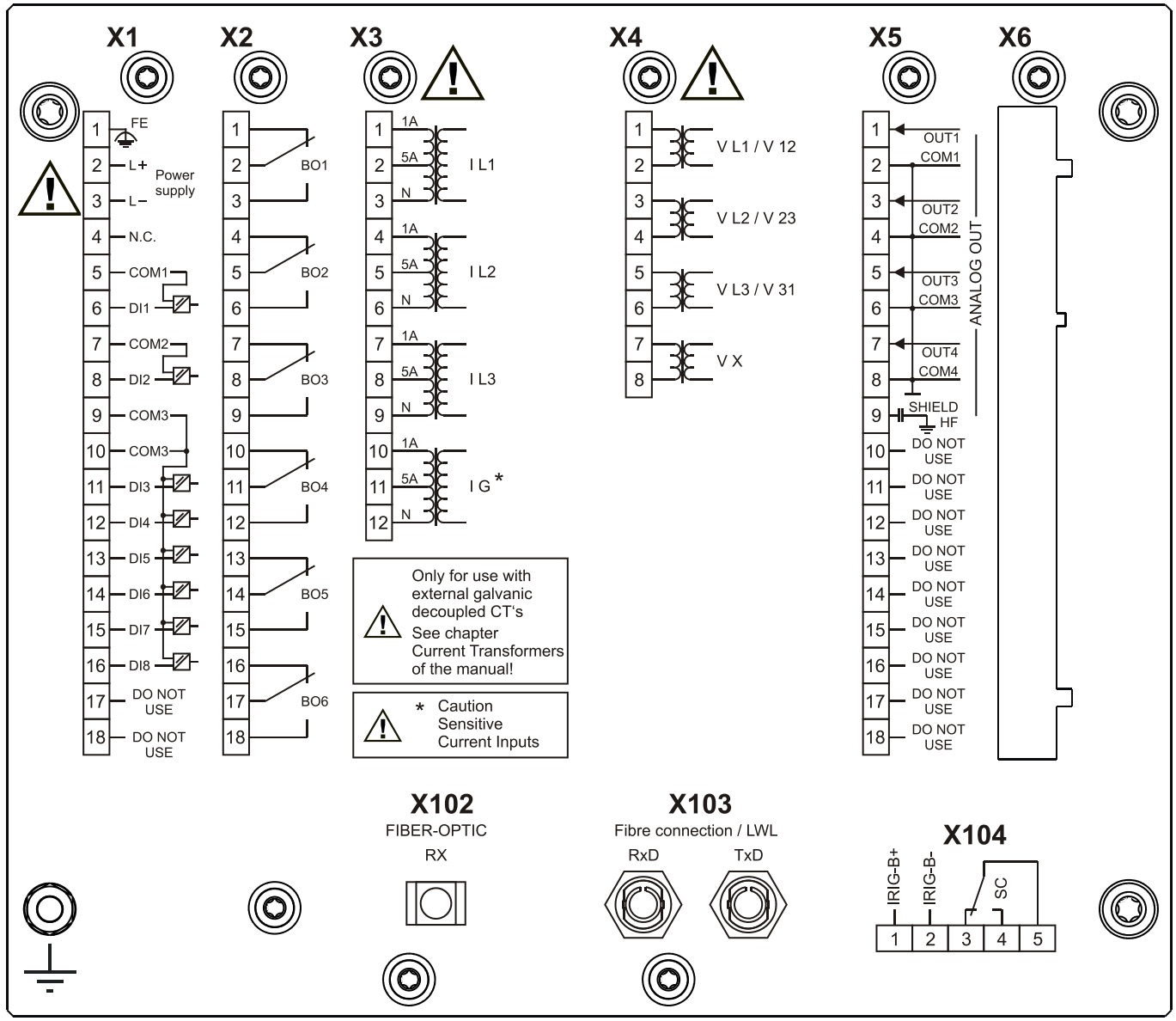
MRMV4A1BD


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC

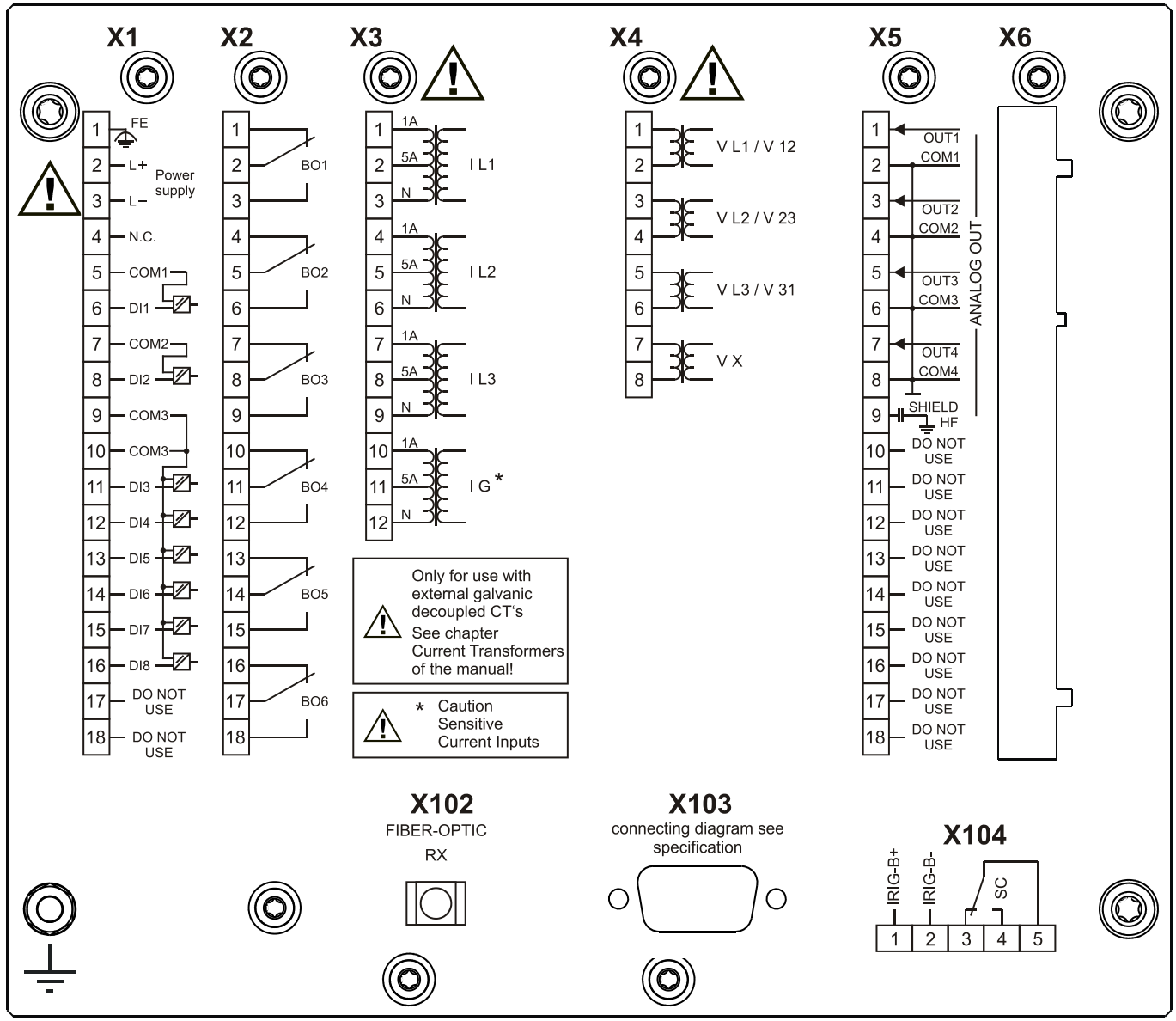
MRMV4A1BE


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC

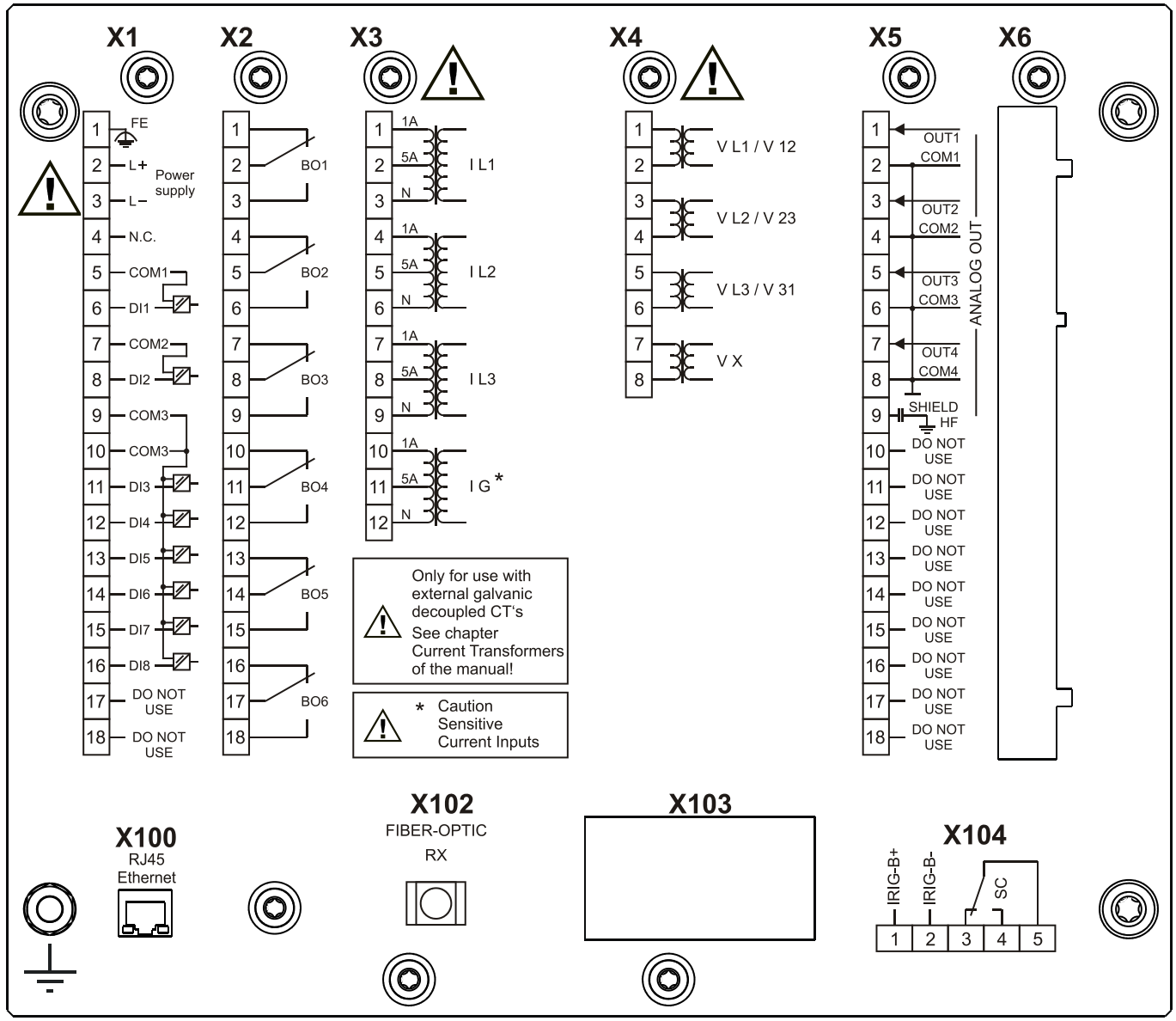
MRMV4A1BF


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

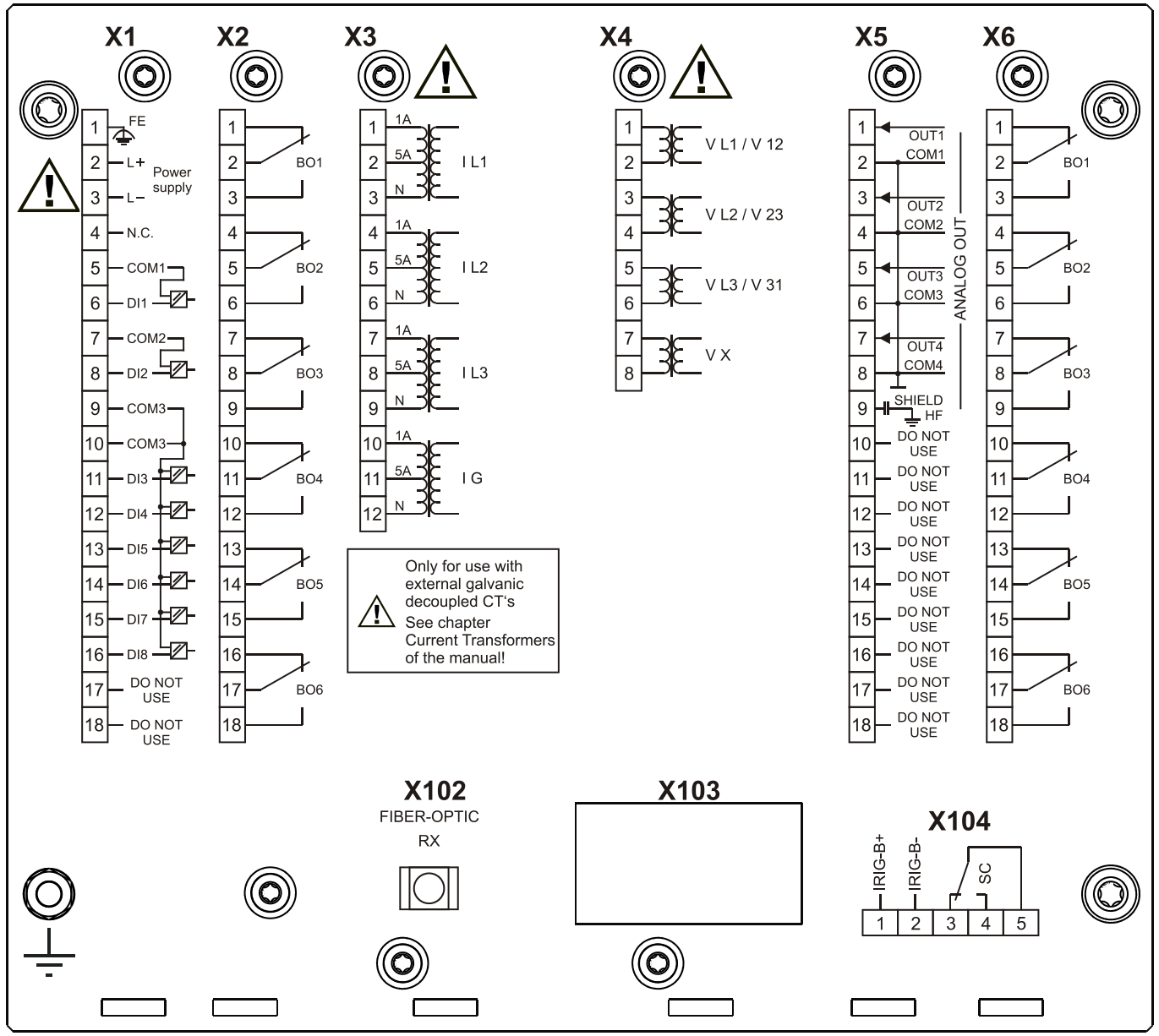
MRMV4A1BG


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

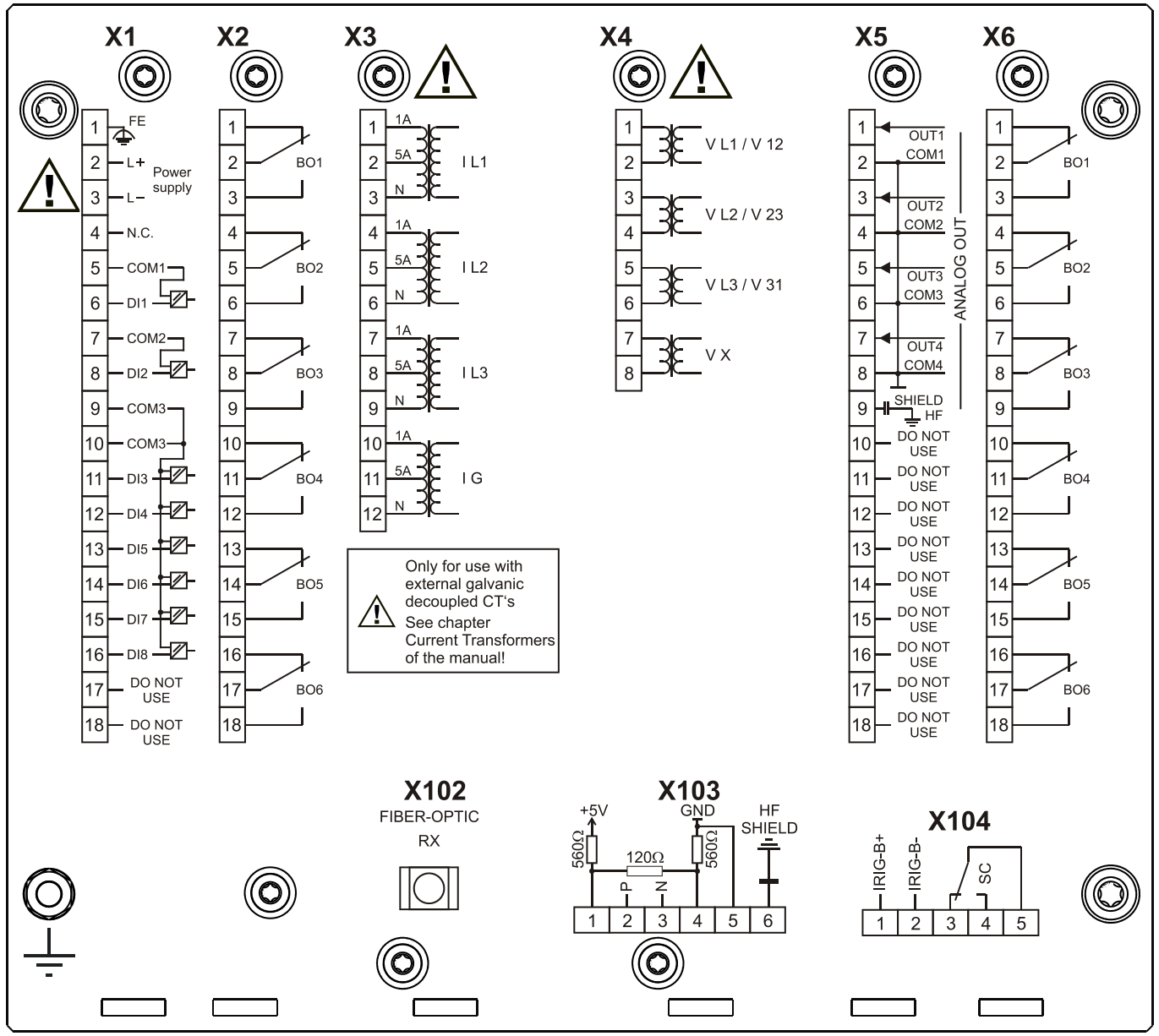
MRMV4A1BH


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

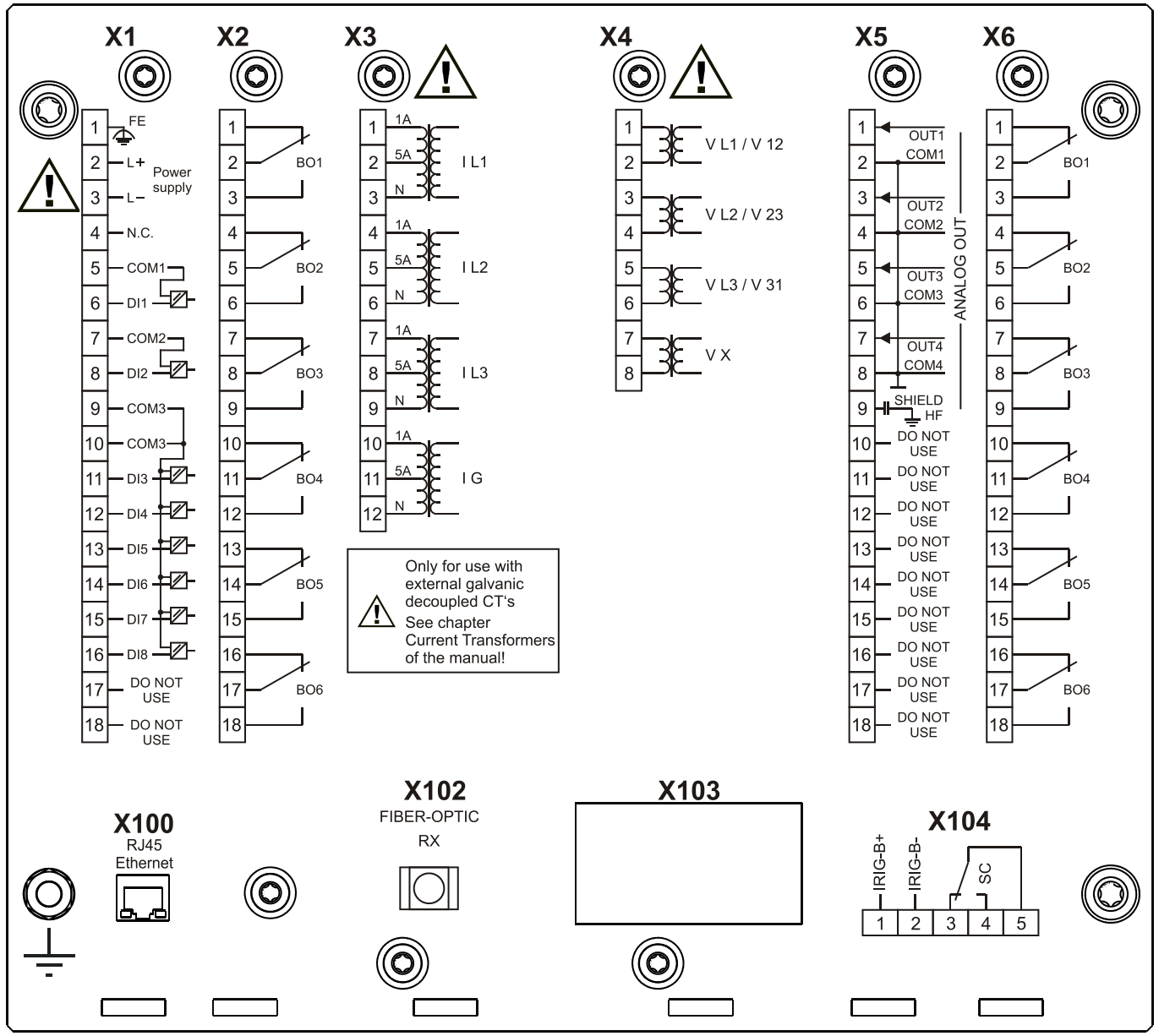
MRMV4C0AA


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

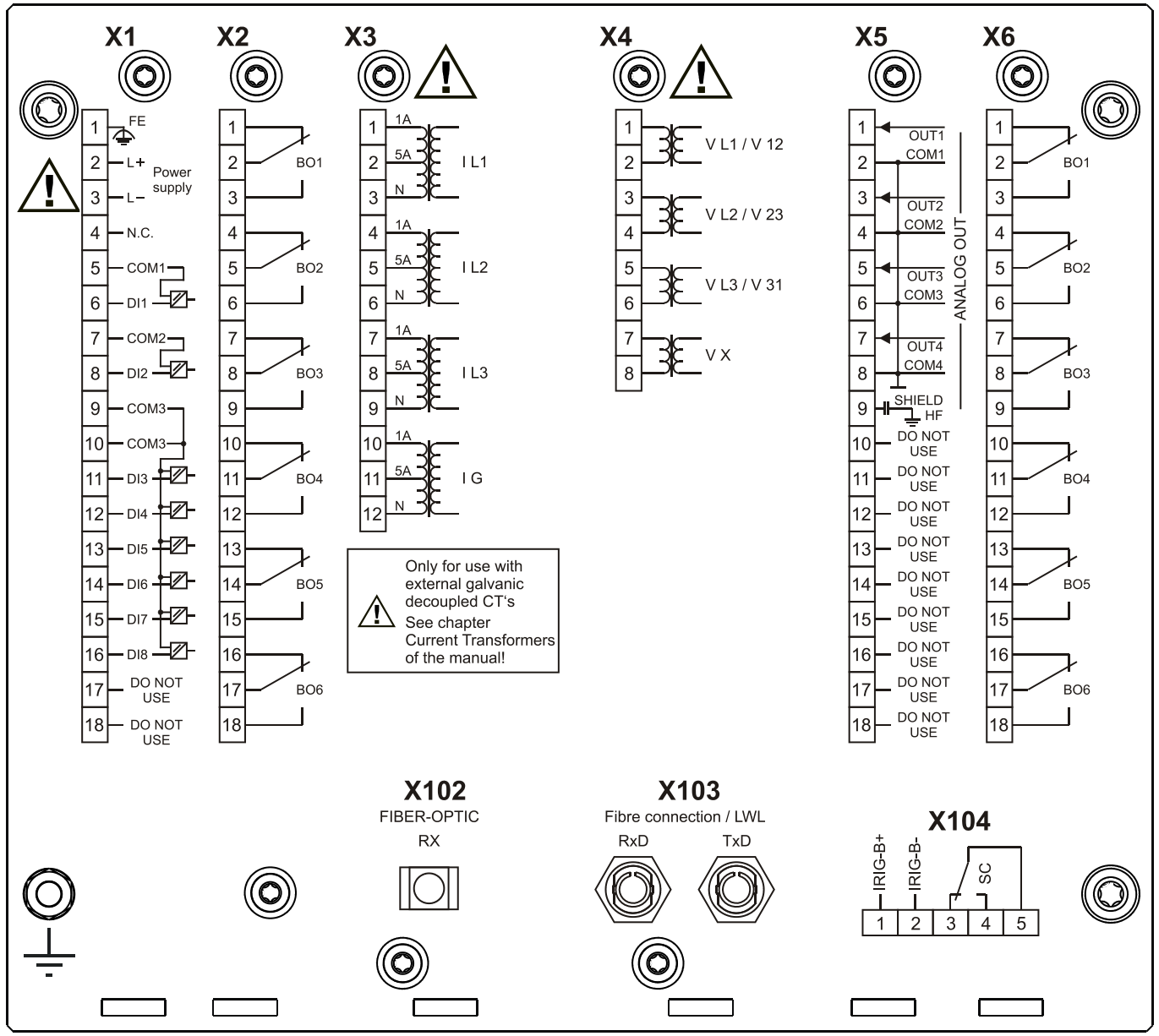
MRMV4C0AB


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
+5V
GND
HF SHIELD
560Ω
120Ω
560Ω
P
N
X104
IRIG-B+
IRIG-B-
SC

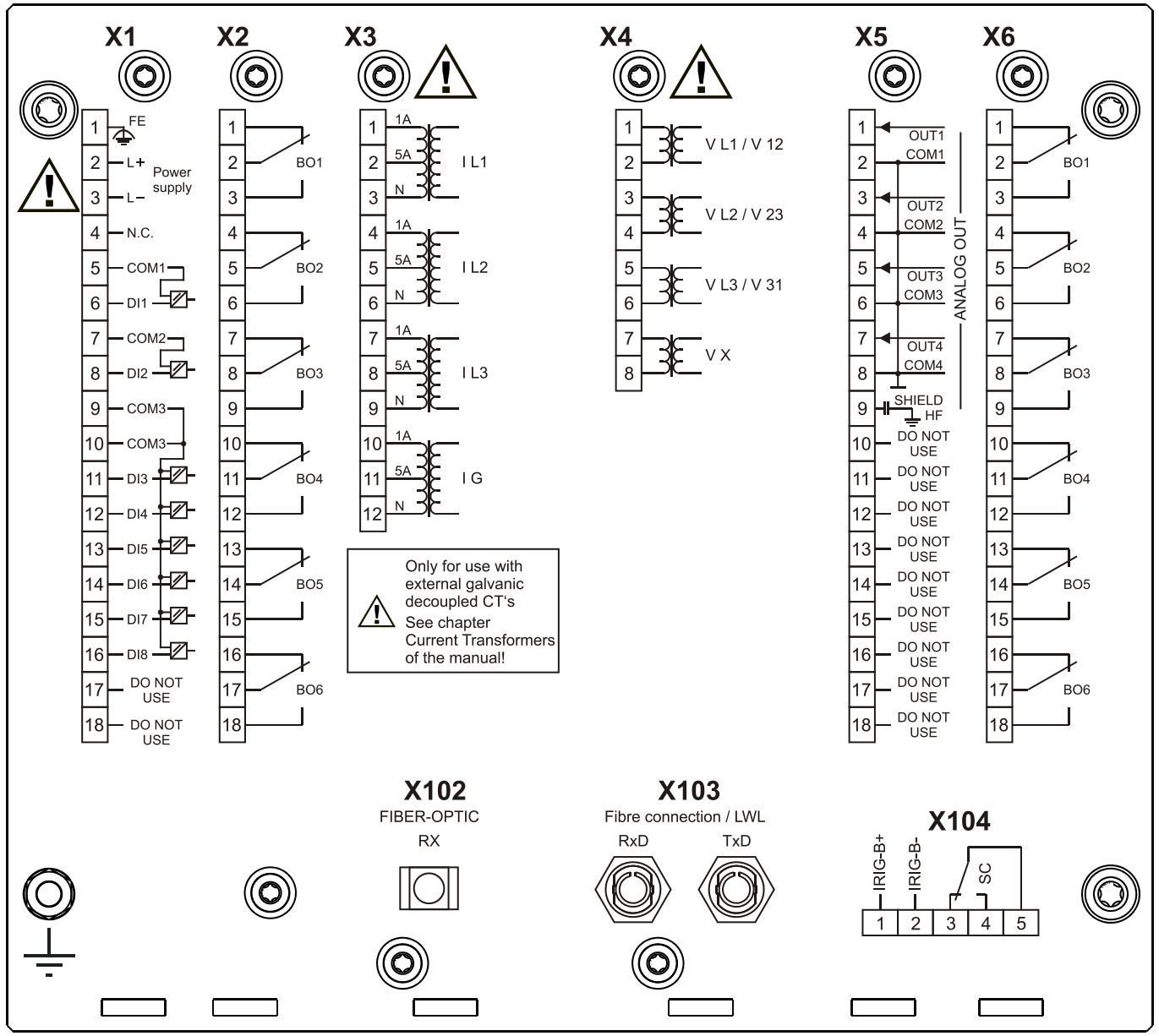
MRMV4C0AC


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

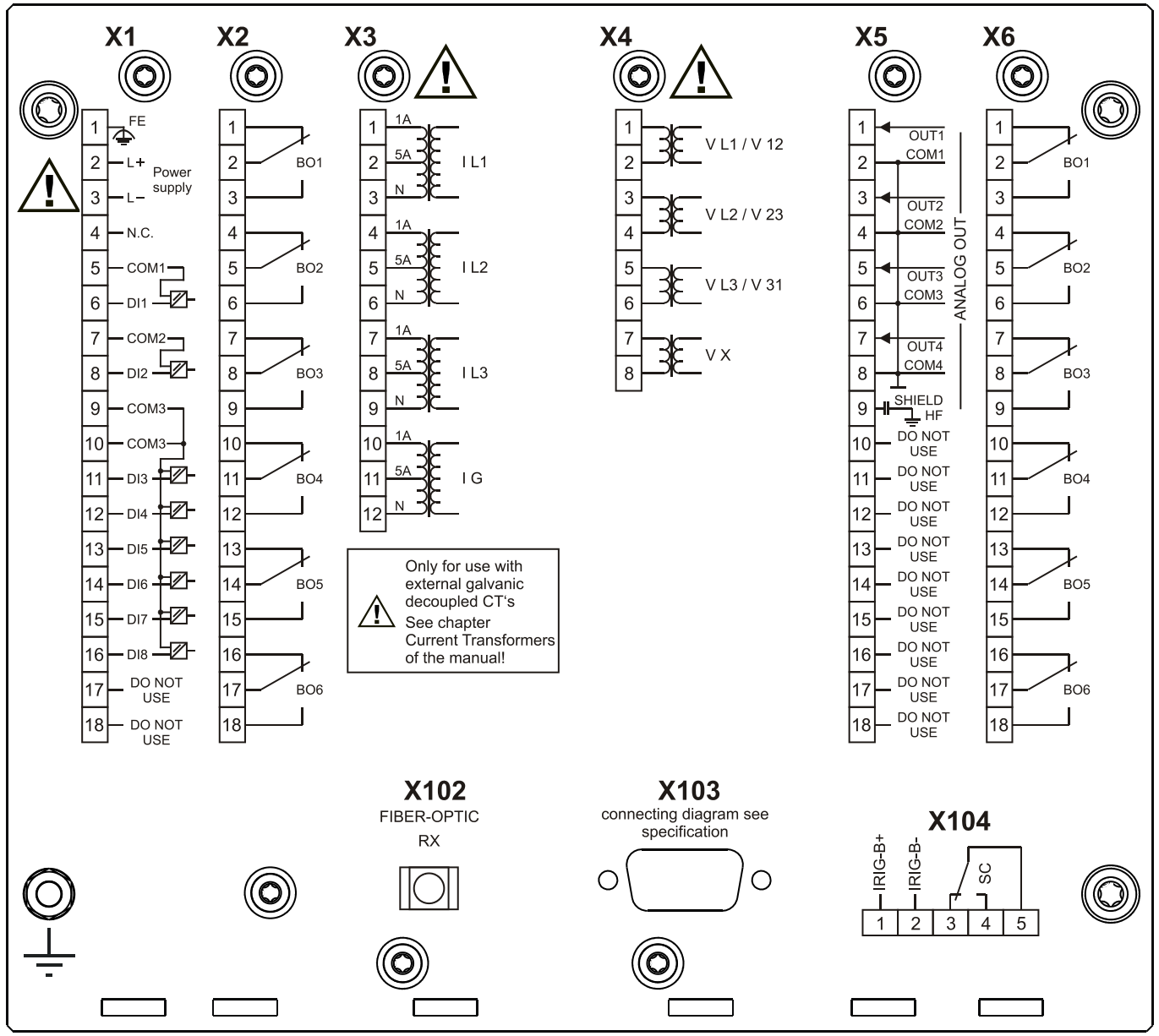
MRMV4C0AD


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC

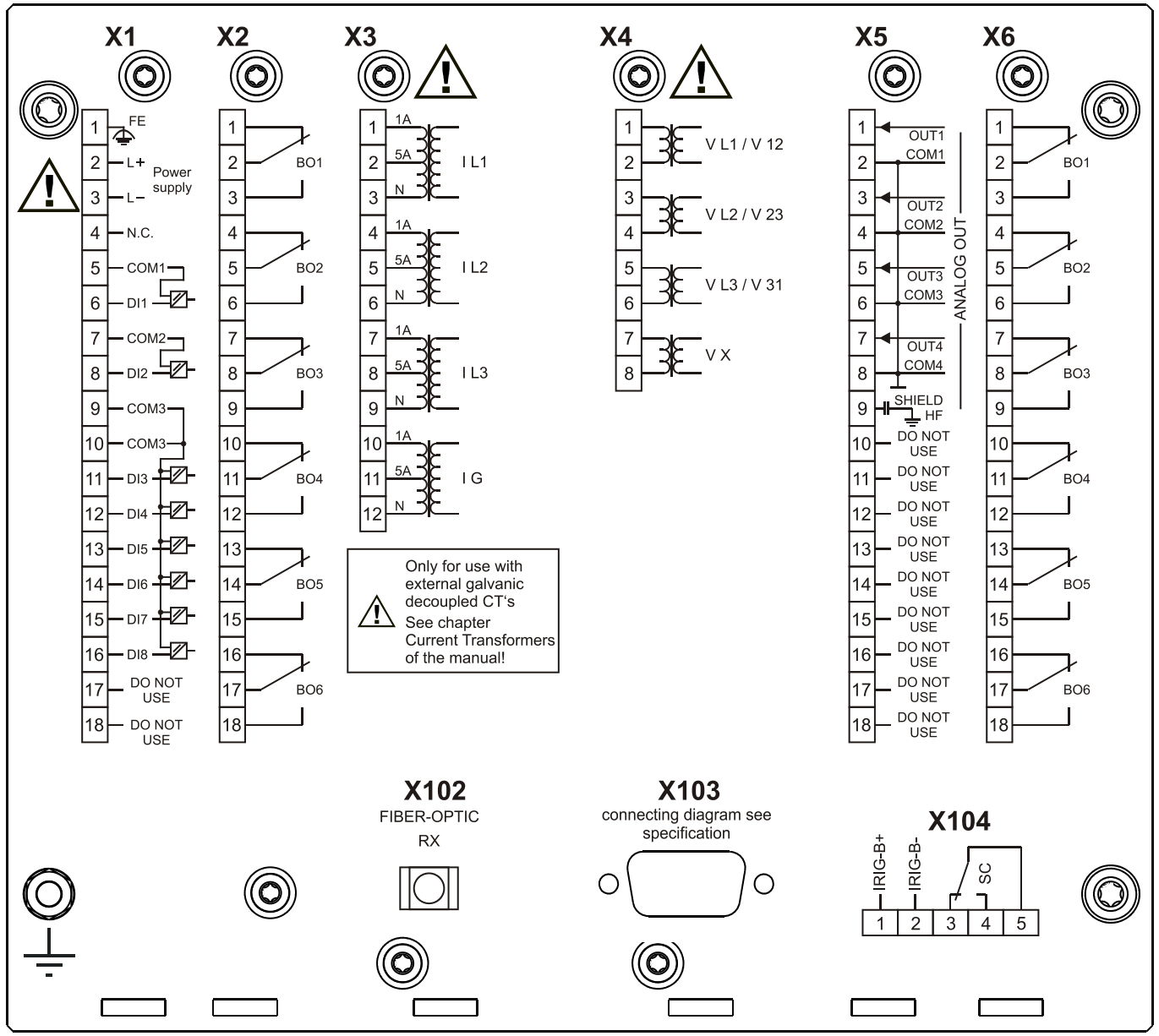
MRMV4C0AF


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

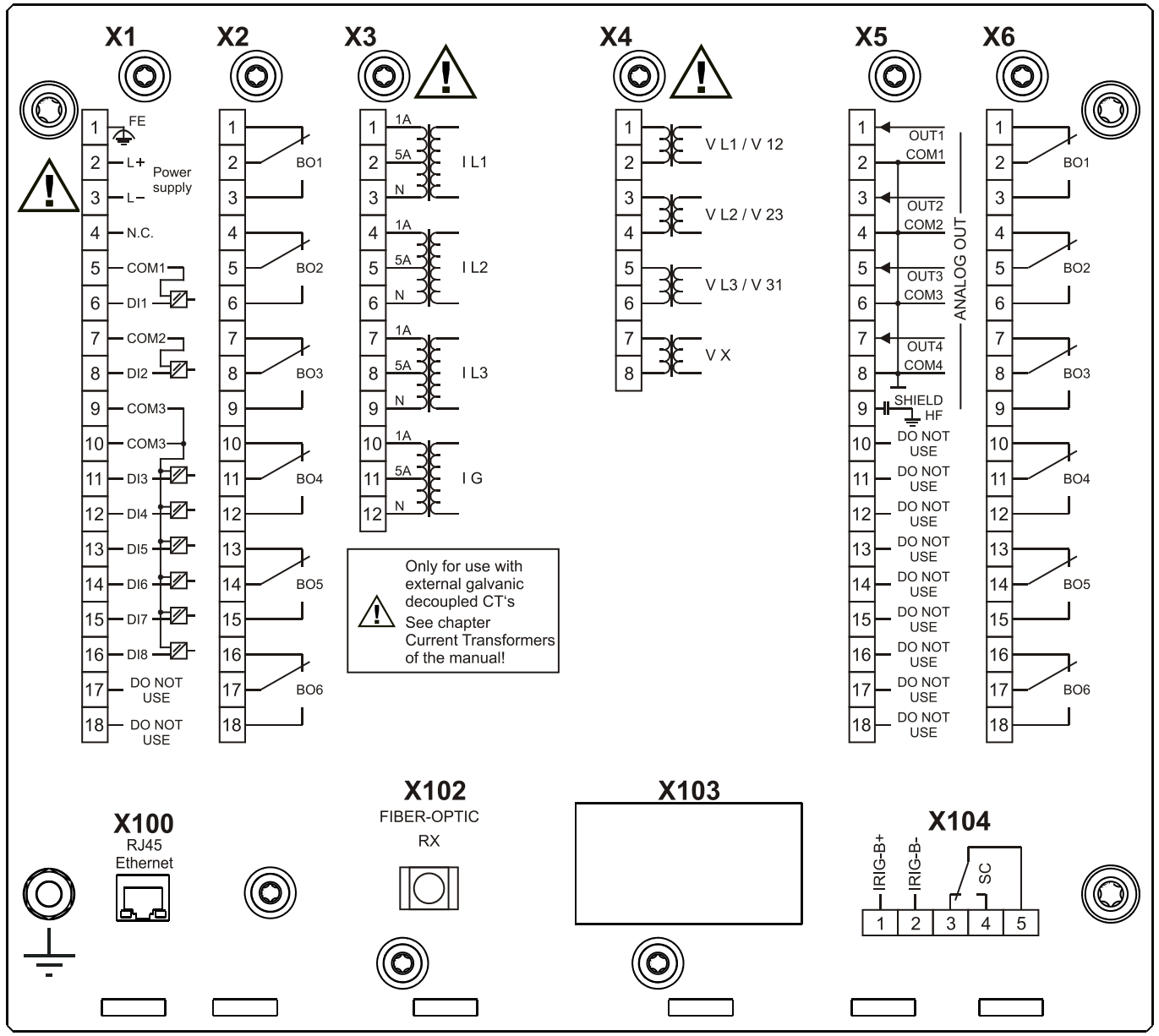
MRMV4C0AE


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

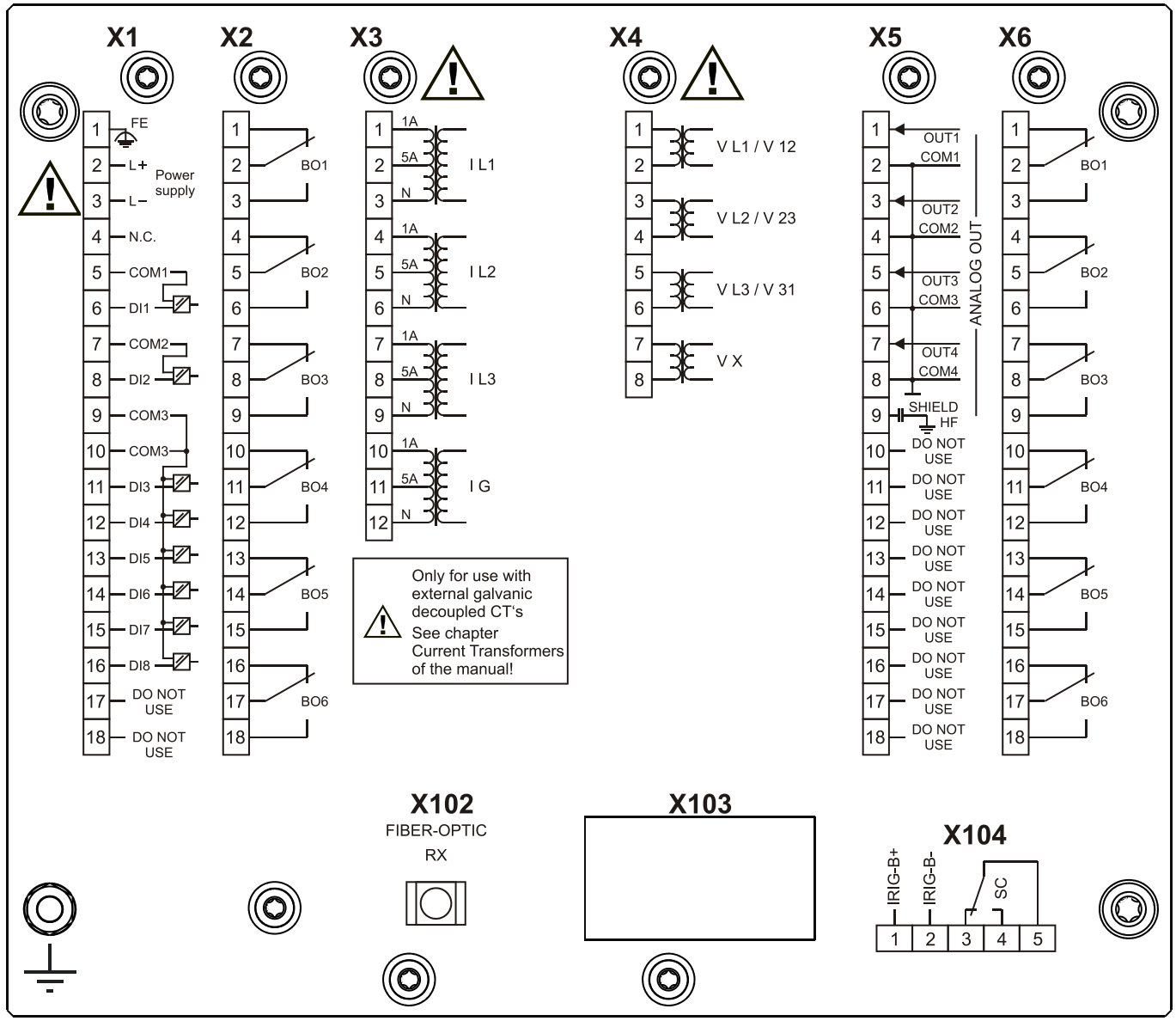
MRMV4C0AG


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

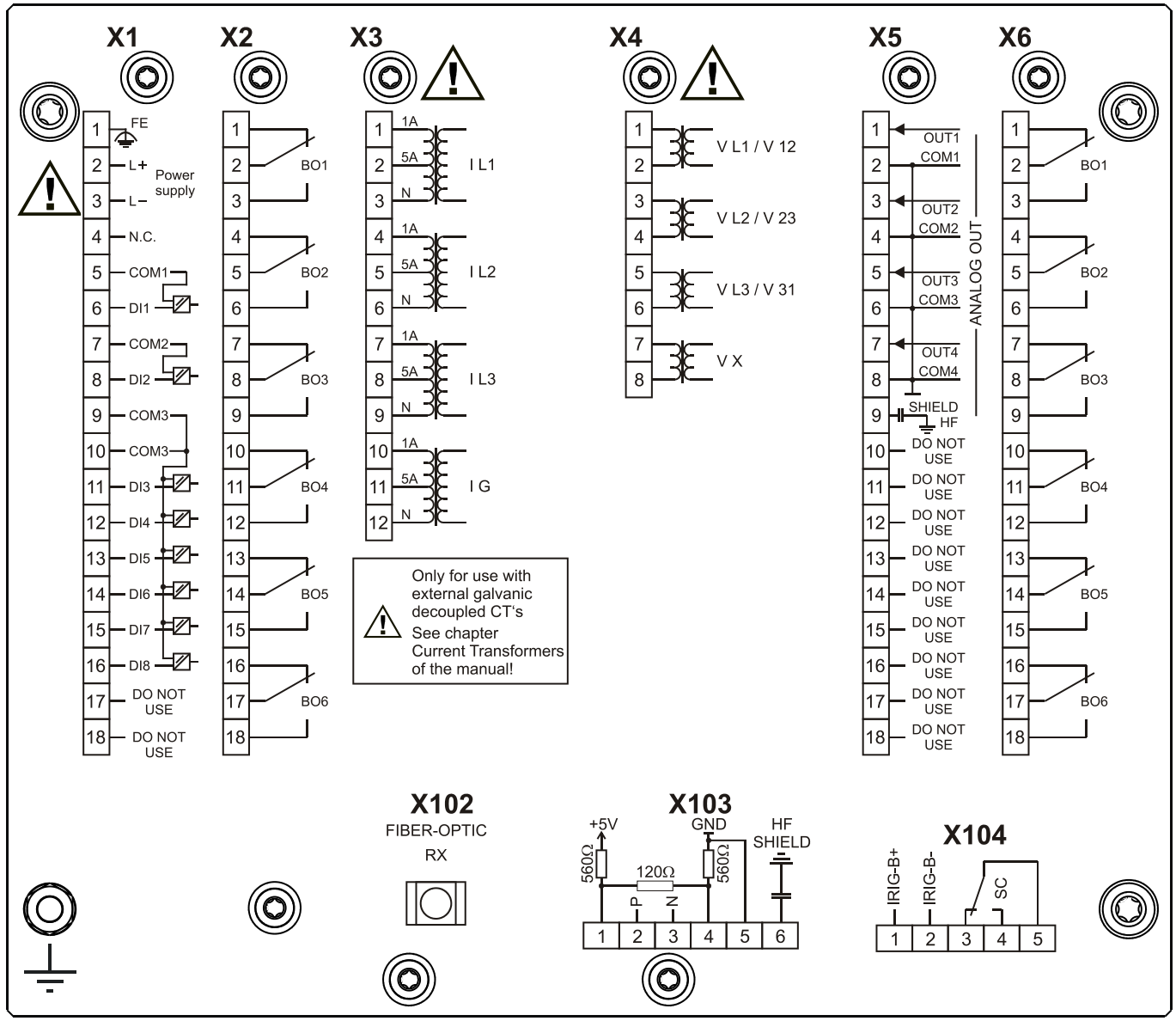
MRMV4C0AH


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

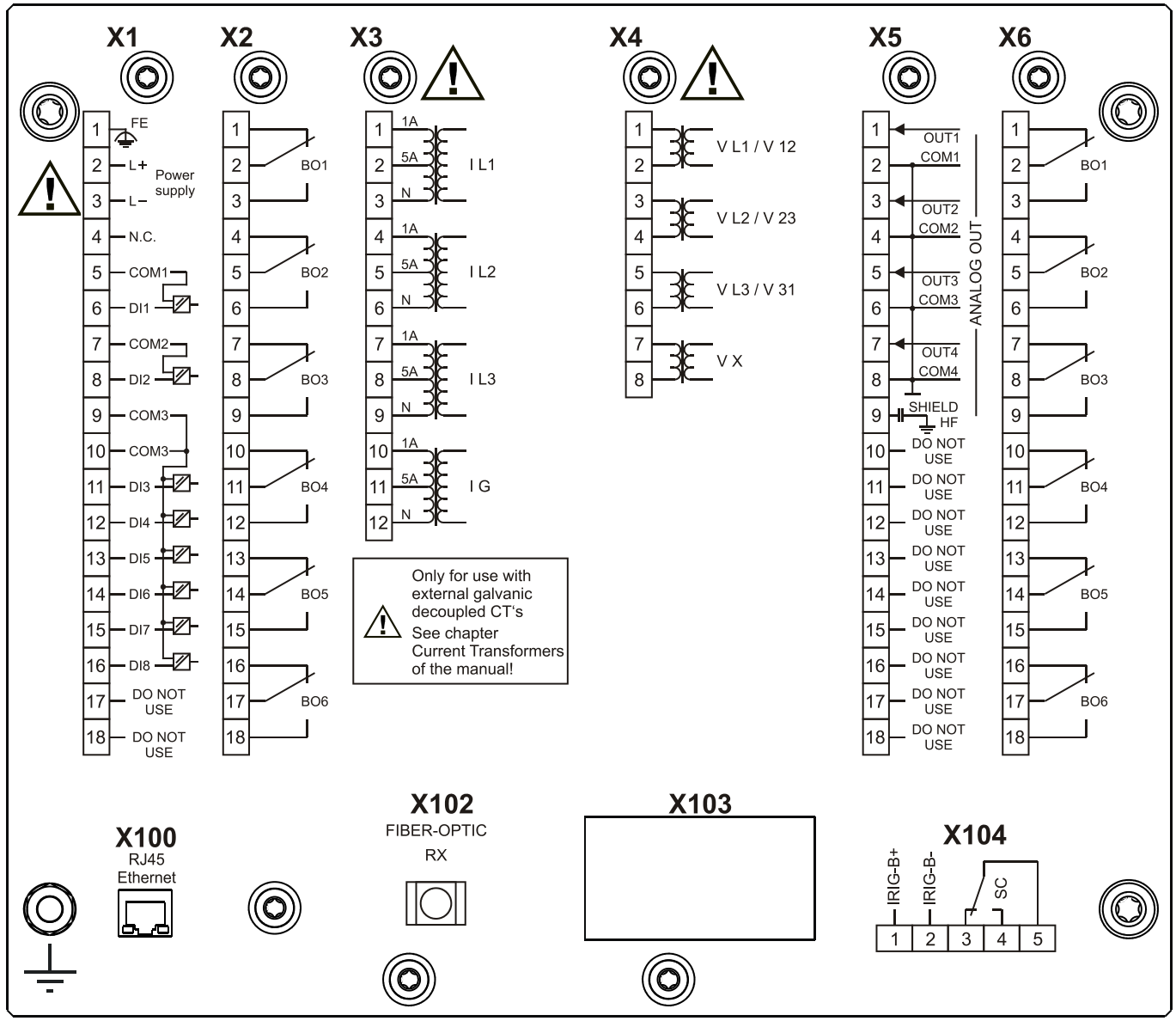
MRMV4C0BA


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

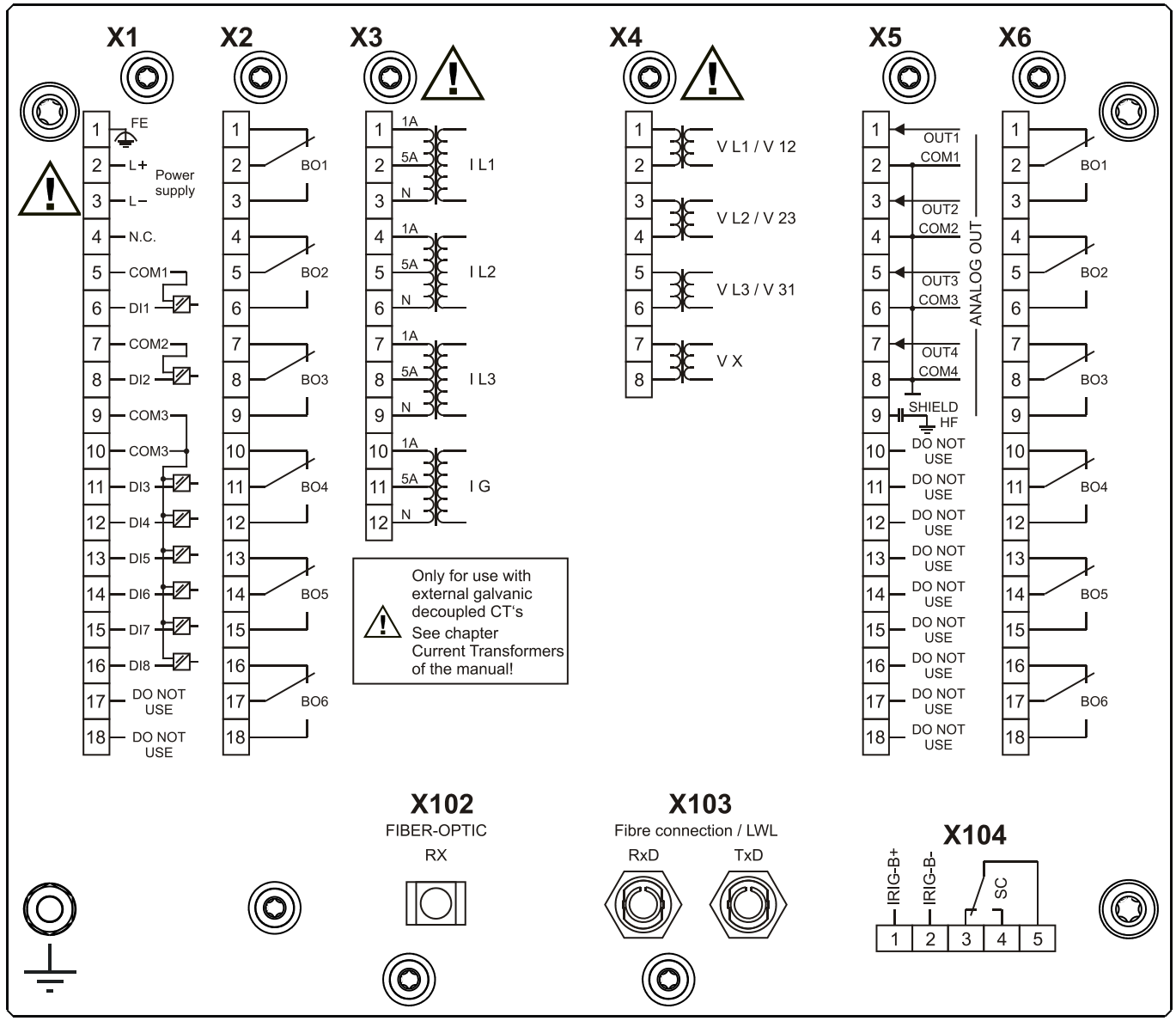
MRMV4C0BB


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
+5V
GND
HF SHIELD
560Ω
120Ω
560Ω
P
N
X104
IRIG-B+
IRIG-B-
SC

MRMV4C0BC


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

MRMV4C0BD


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

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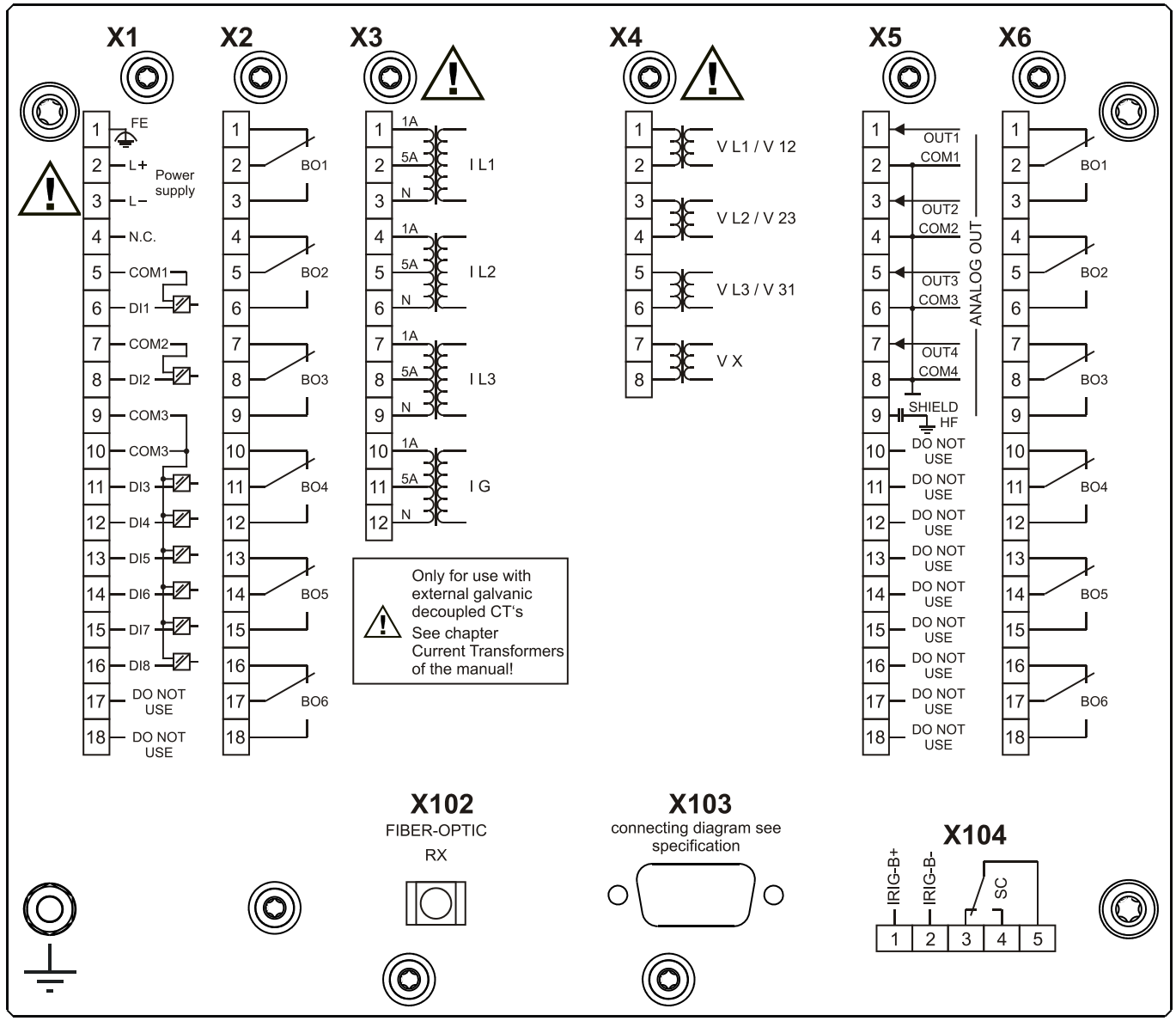
X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

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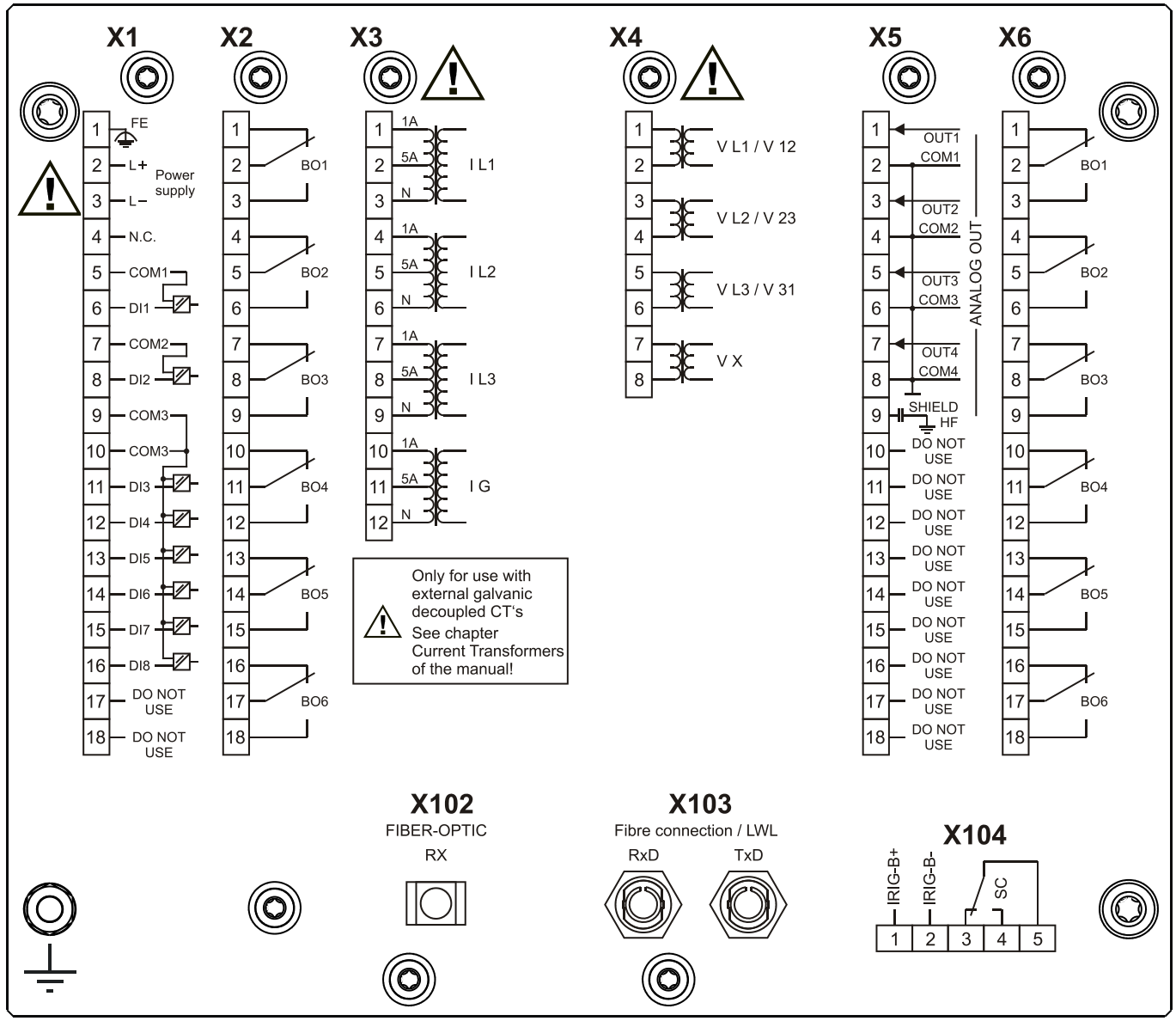
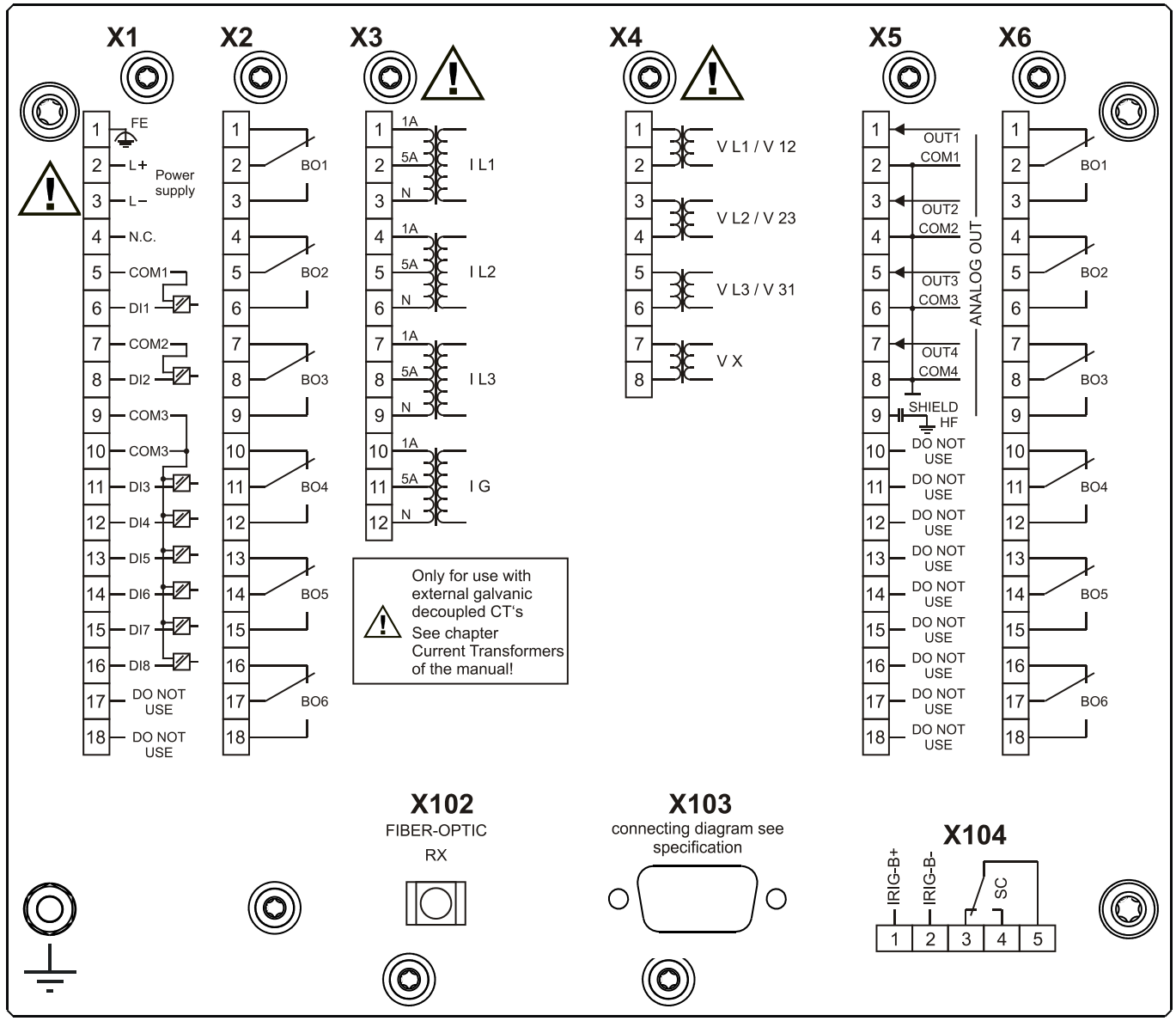

X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

MRMV4C0BG


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

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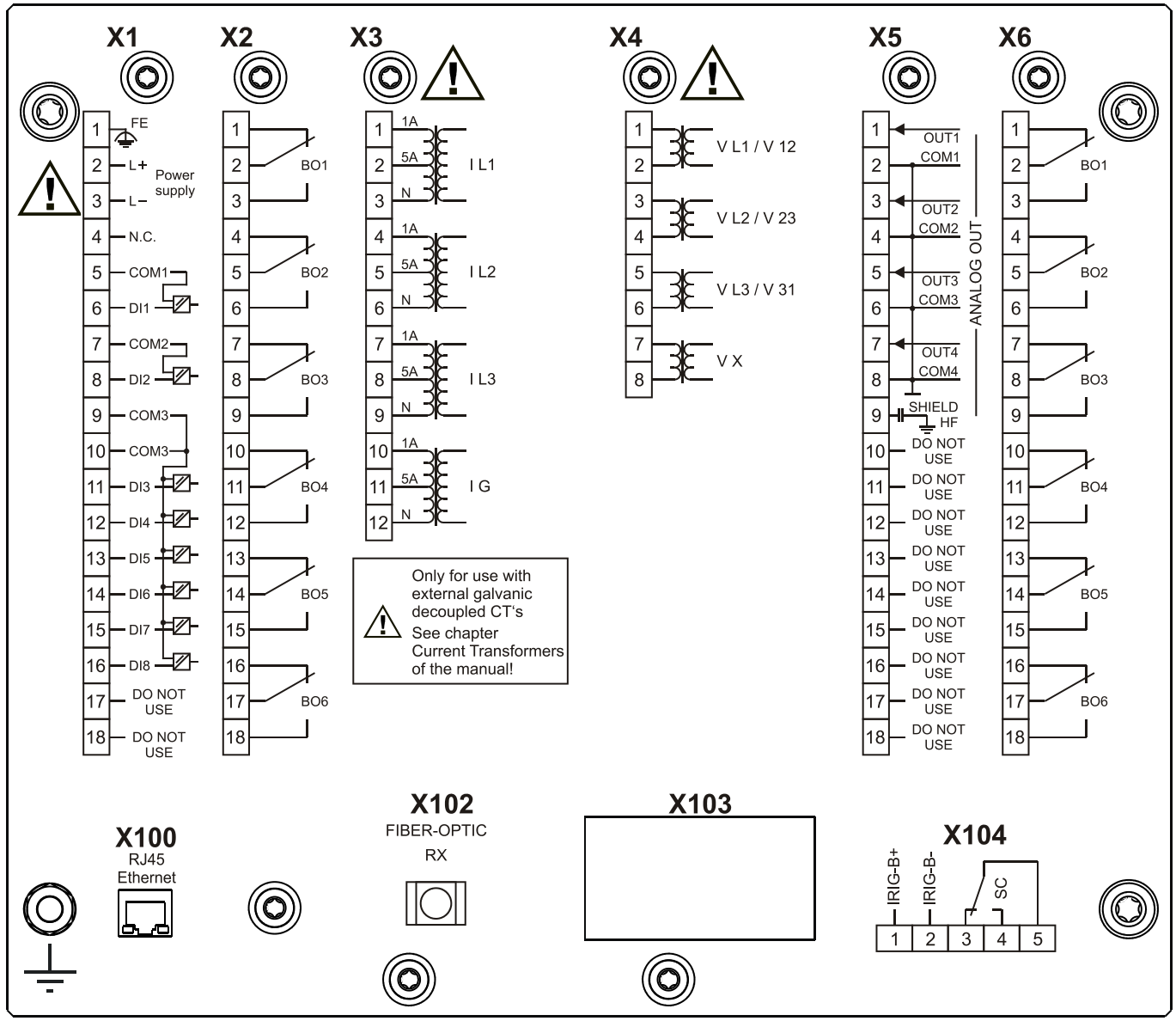
X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

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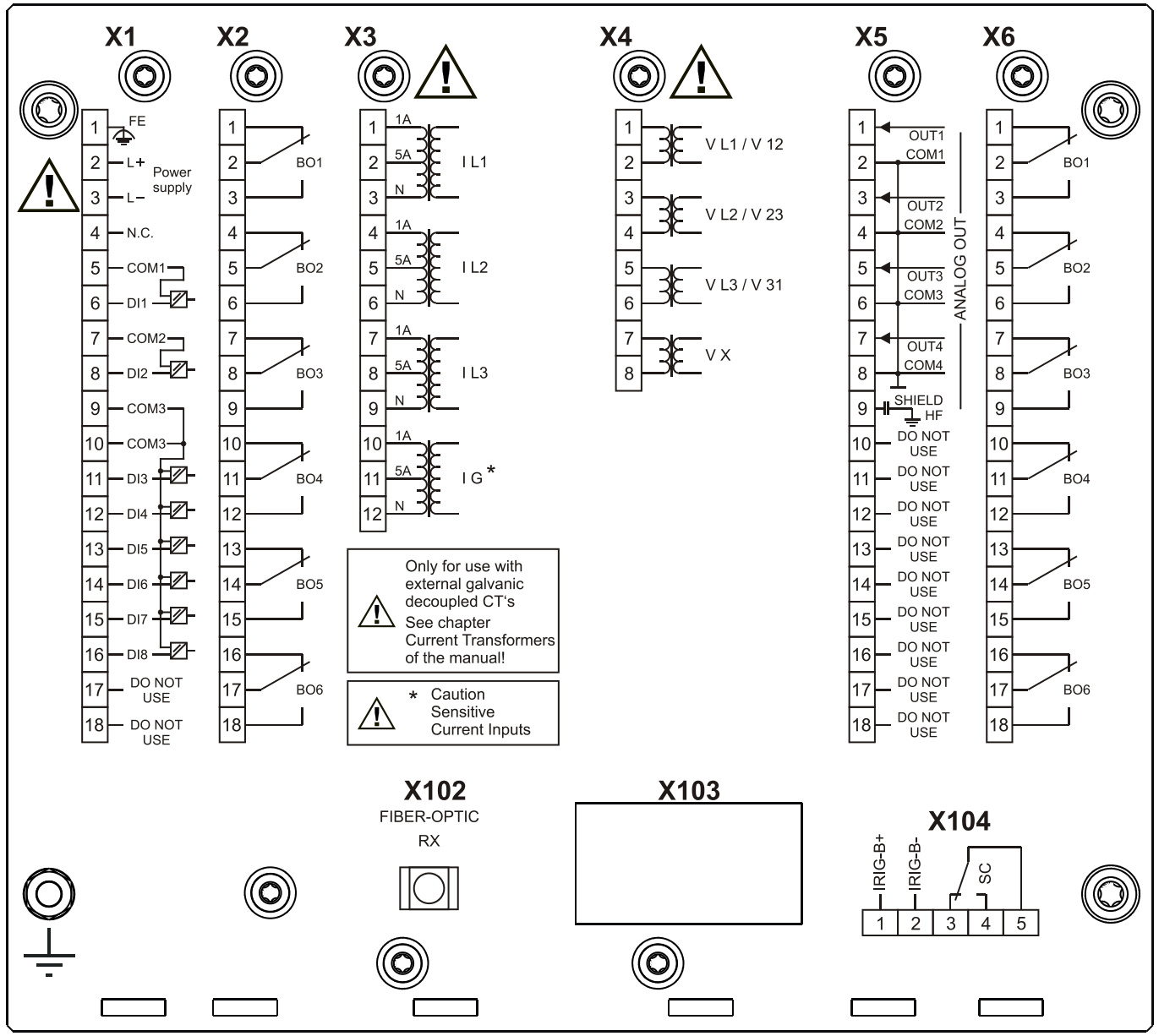
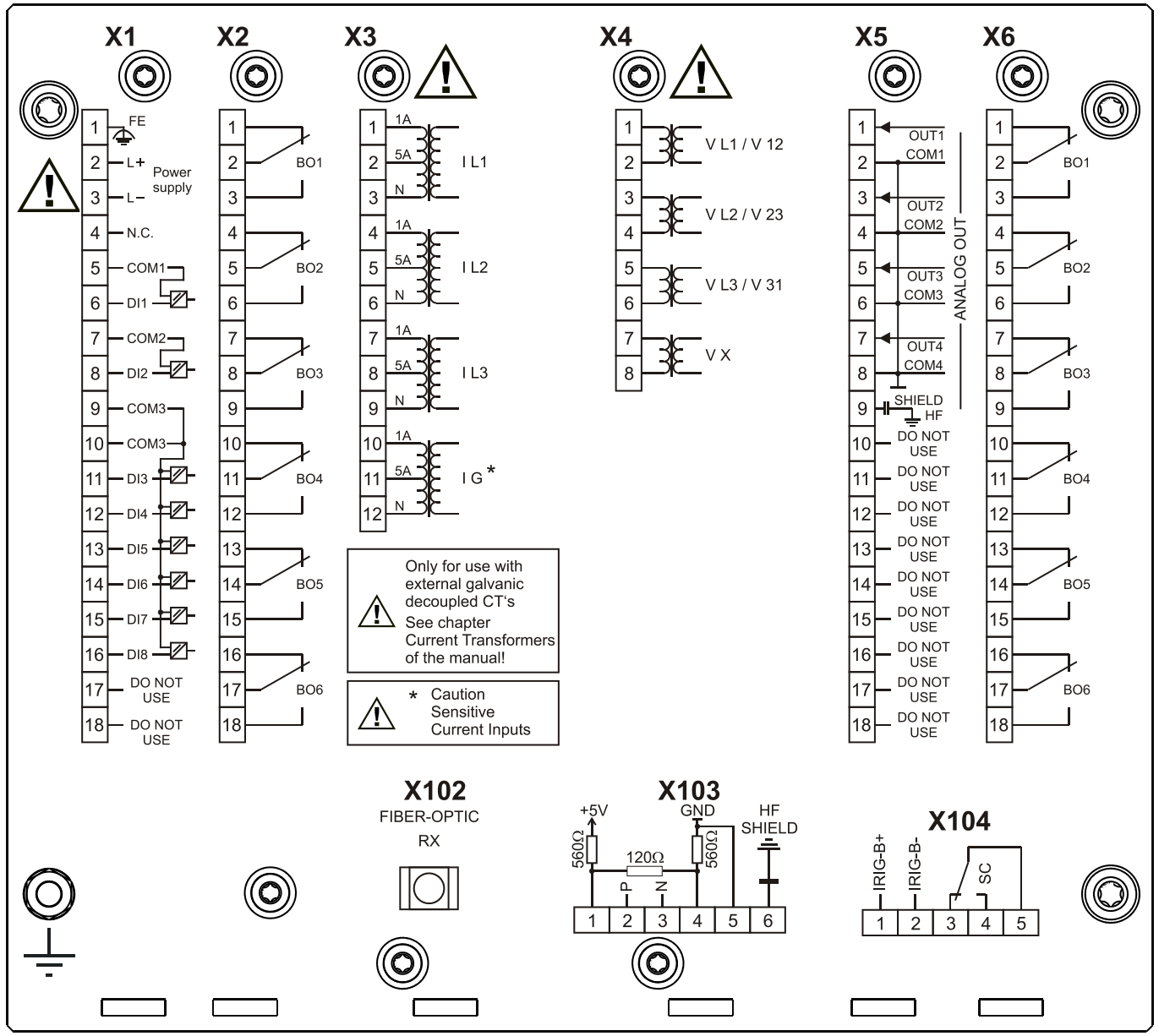
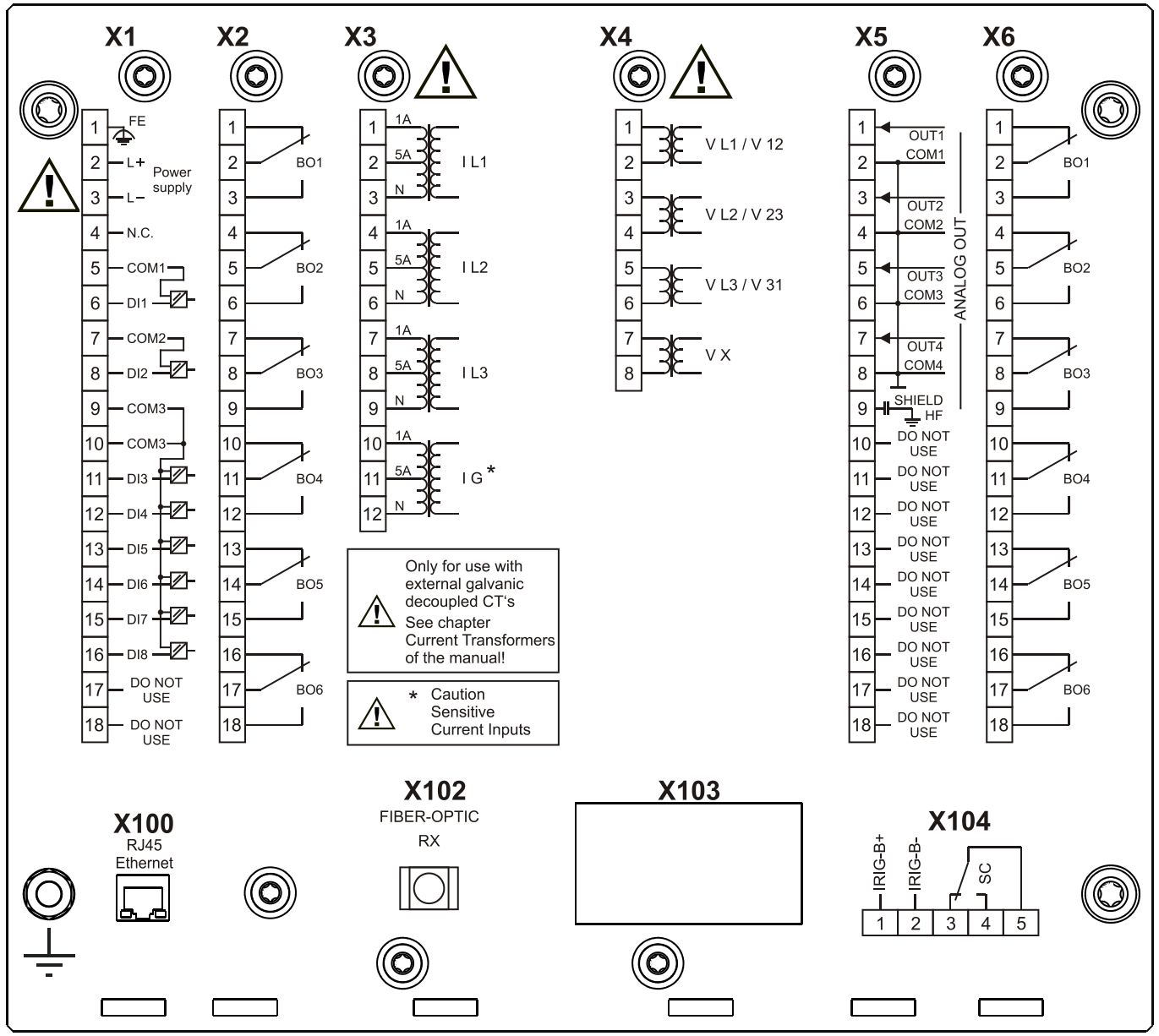

X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

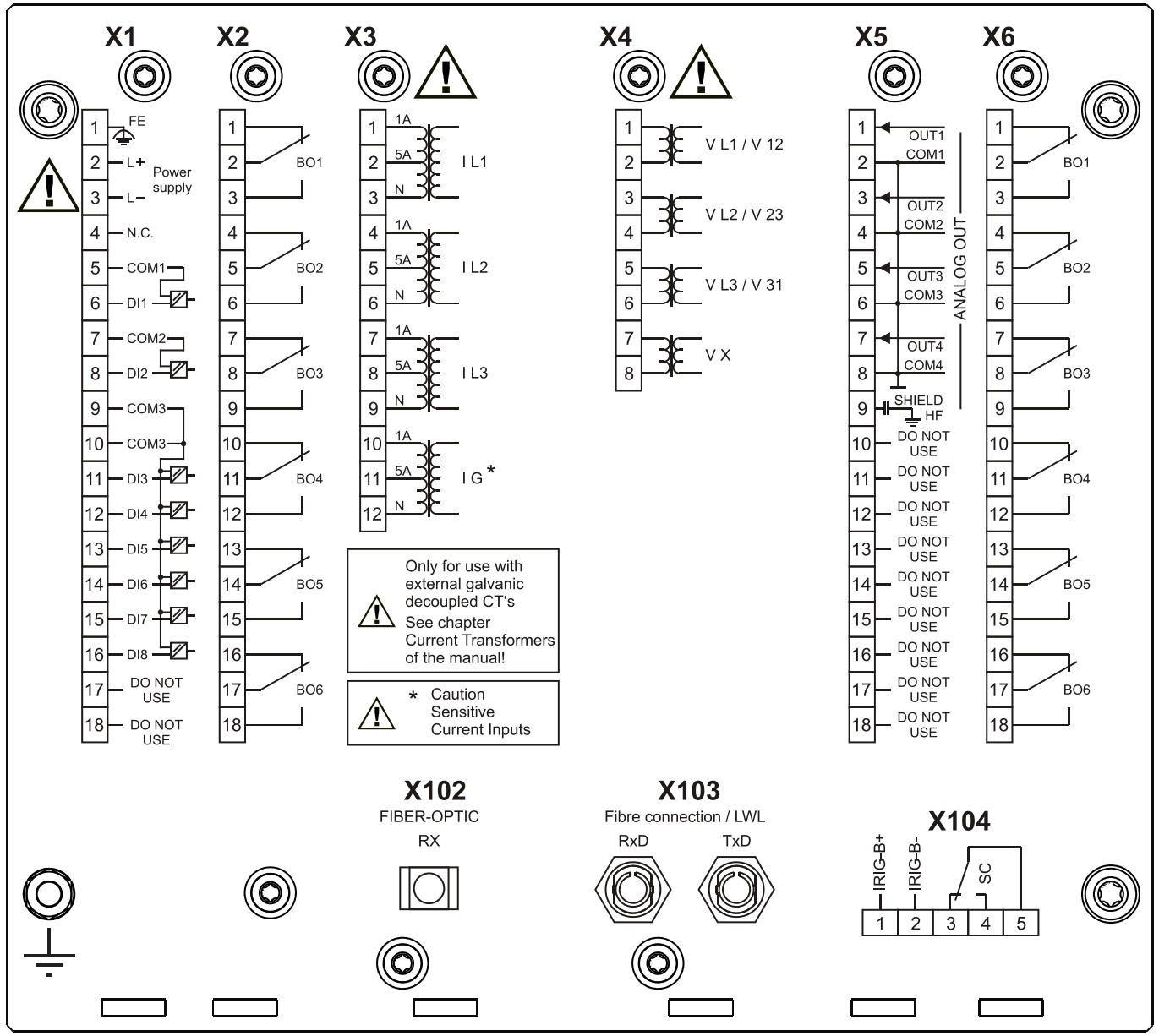
MRMV4C1AB


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
+5V
GND
HF SHIELD
560Ω
120Ω
560Ω
P
N
X104
IRIG-B+
IRIG-B-
SC

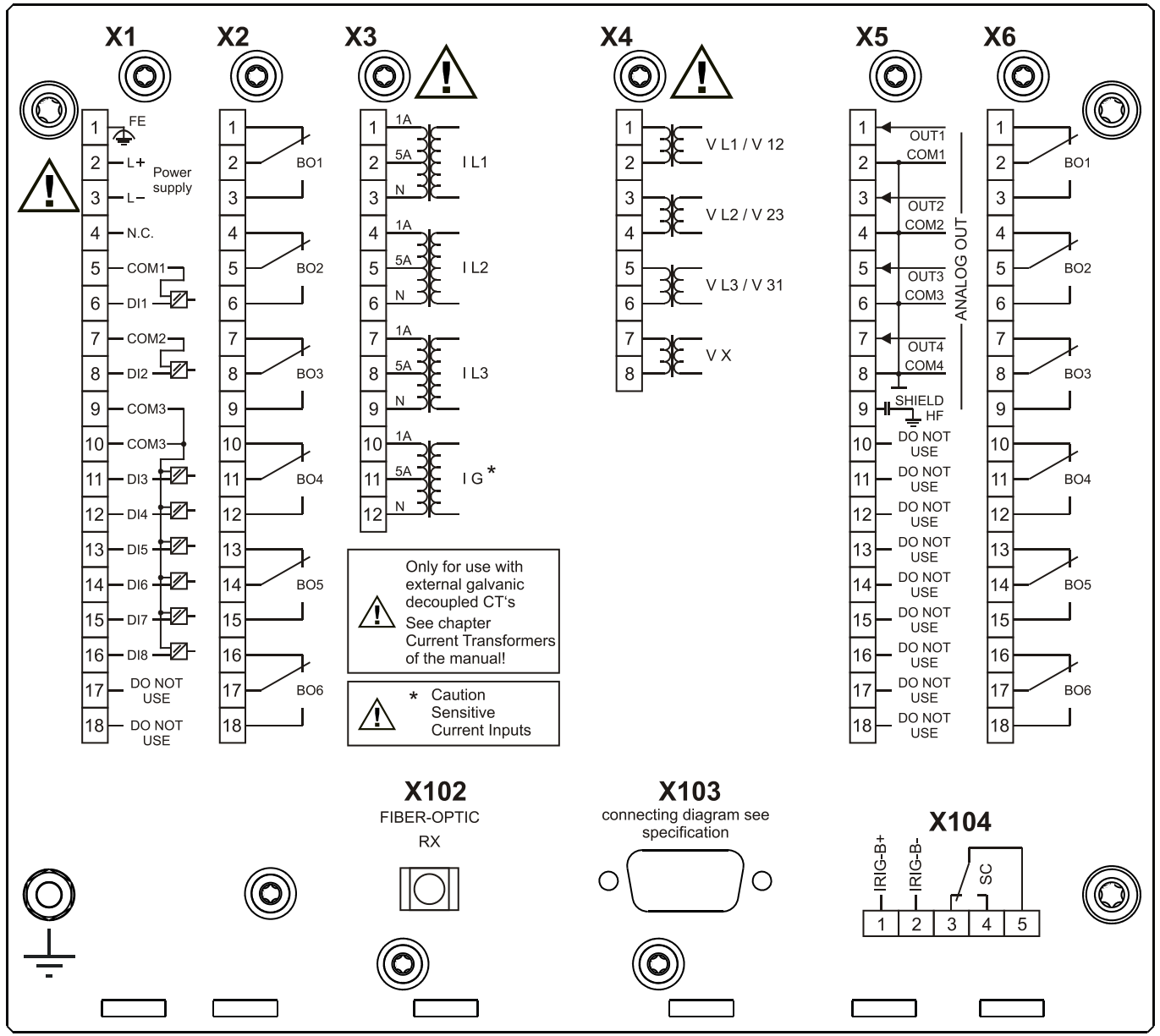
MRMV4C1AC


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1 2 3 4 5

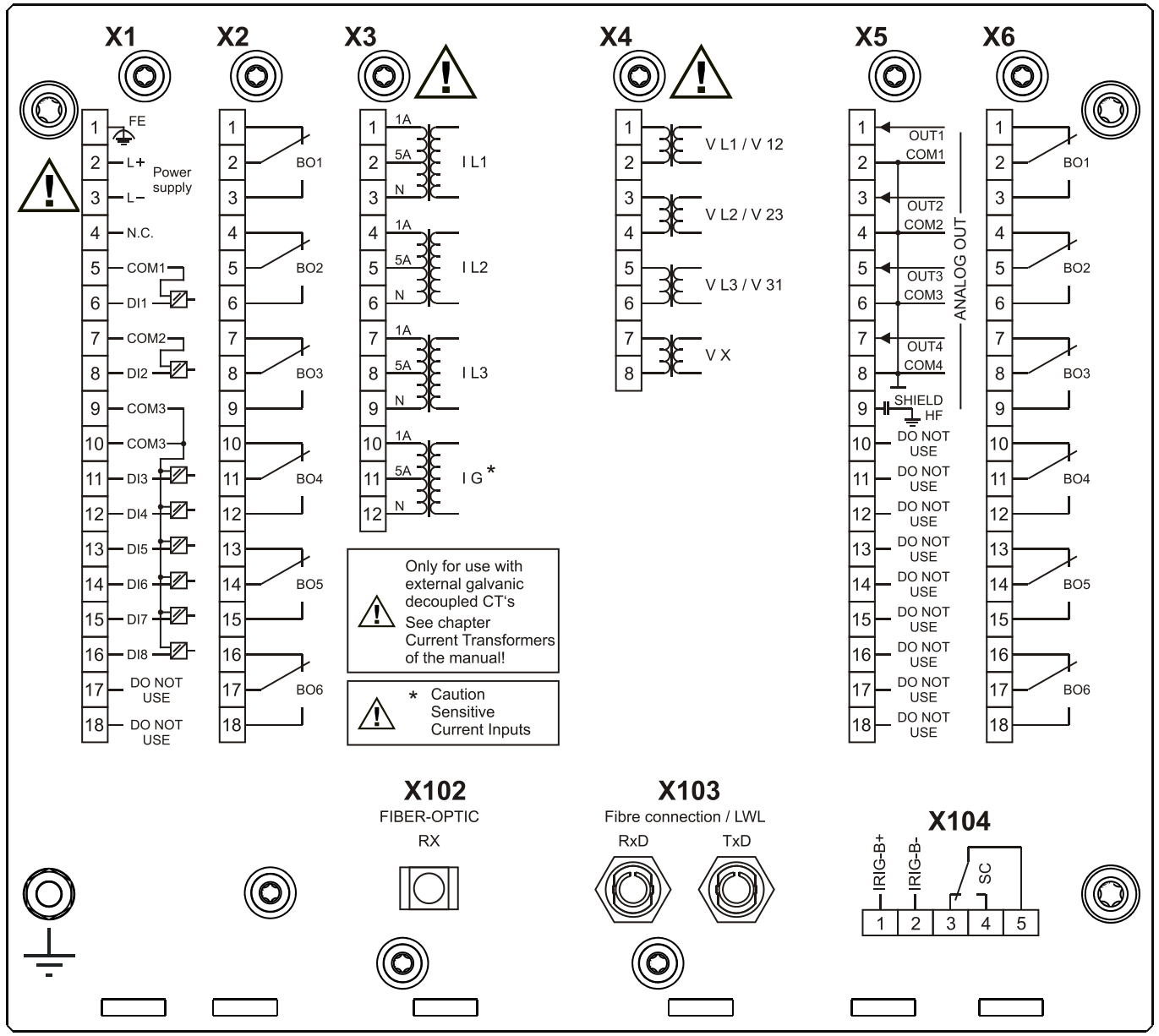
MRMV4C1AD


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

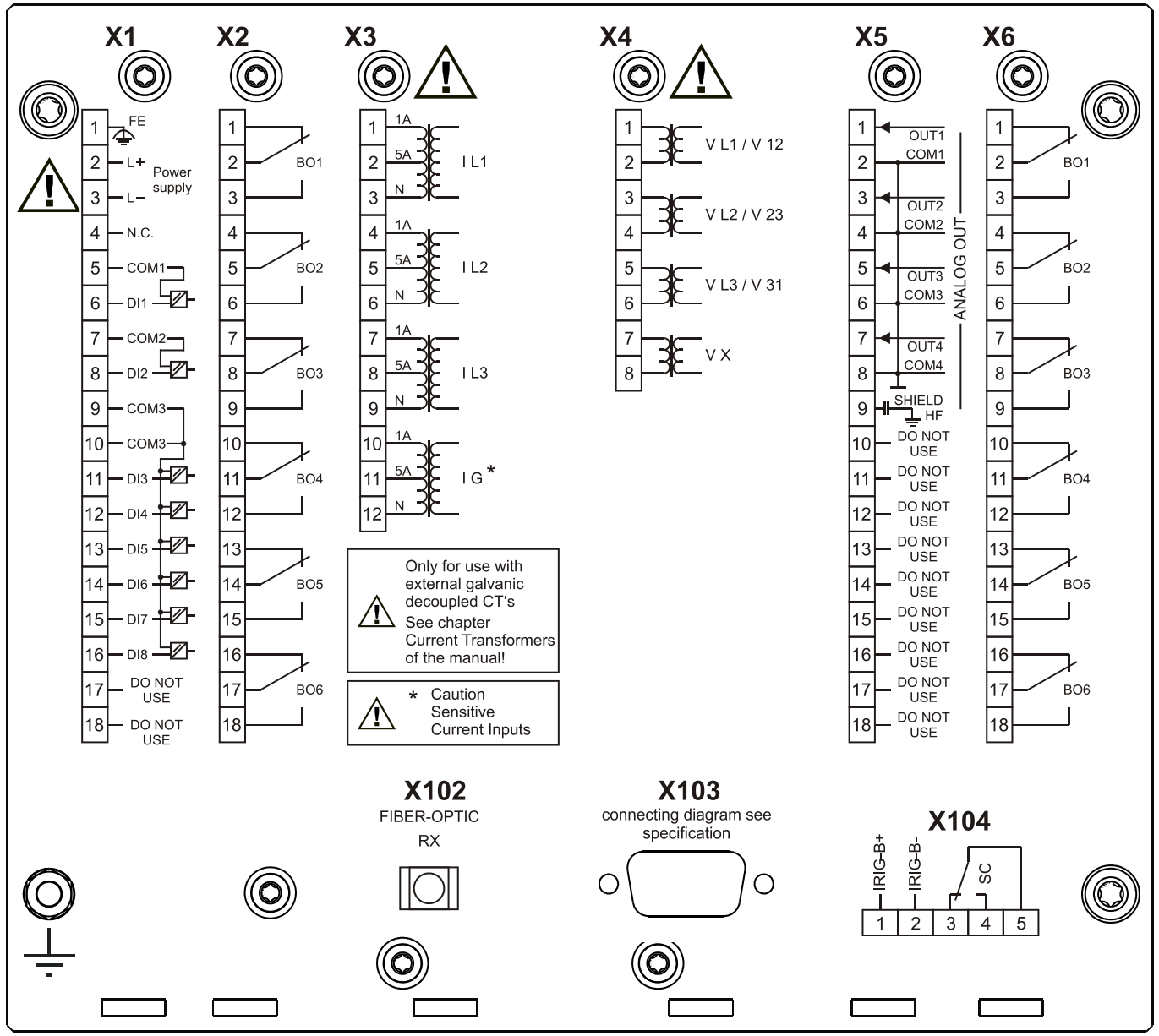
MRMV4C1AE


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC

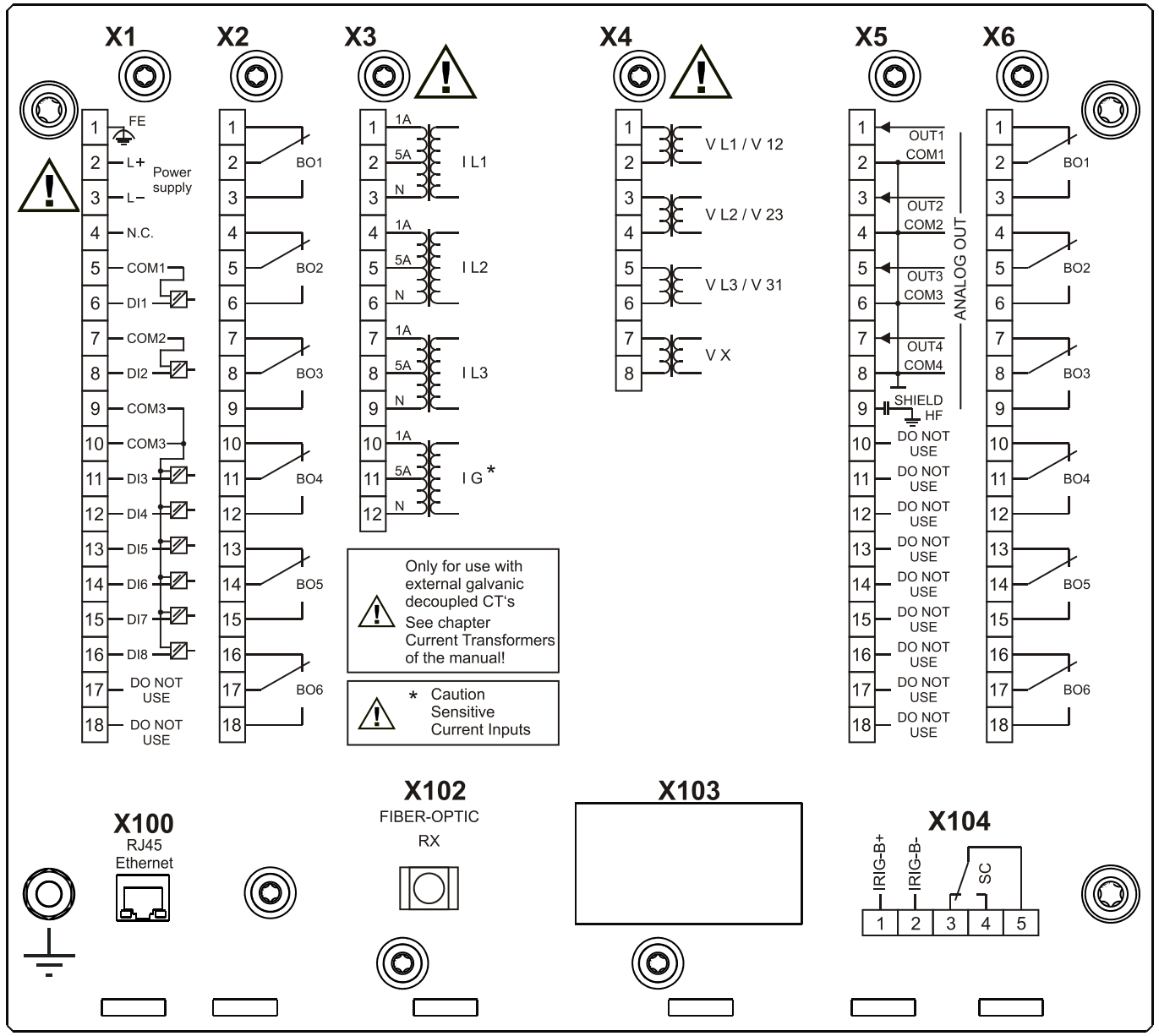
MRMV4C1AF


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

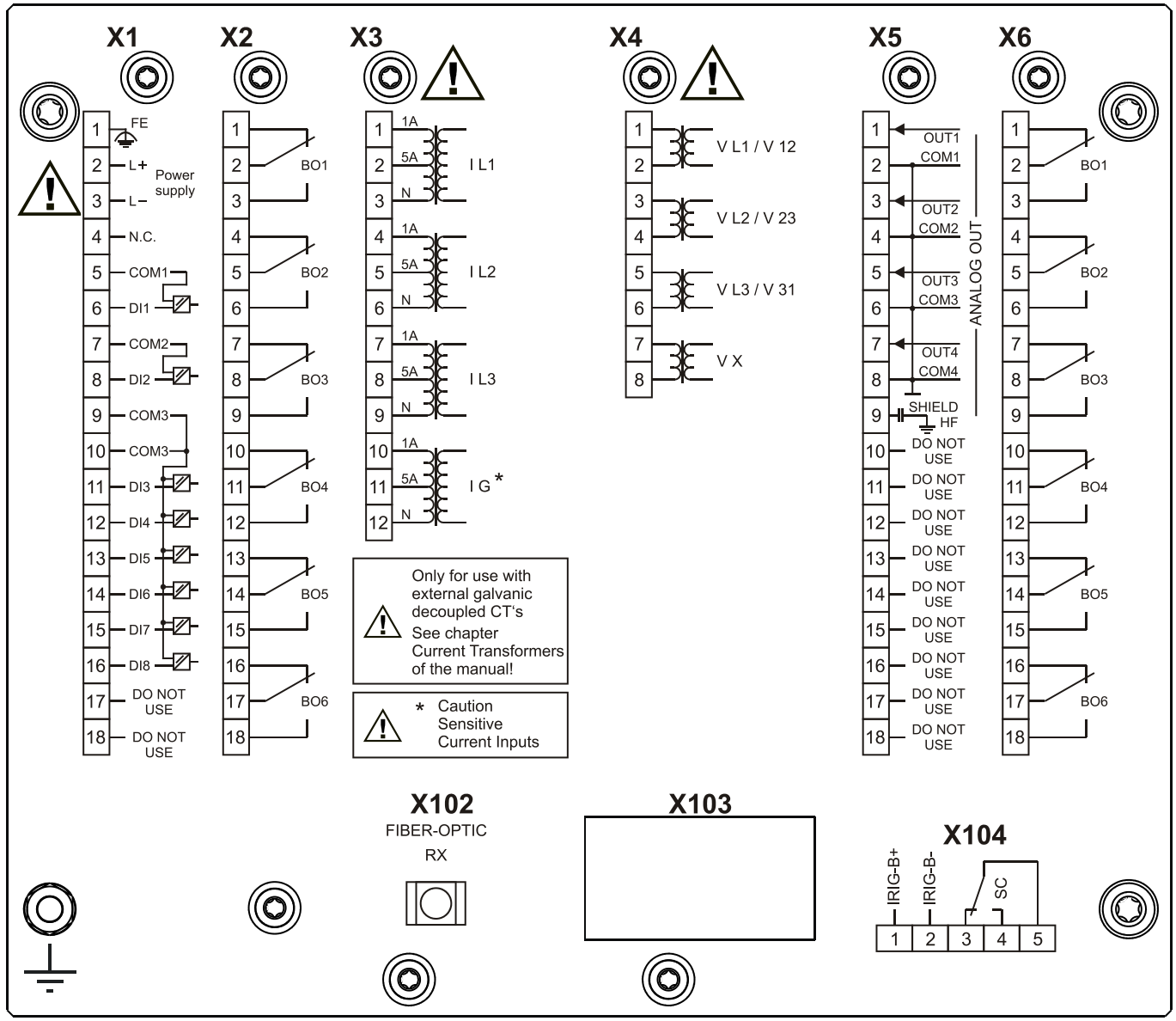
MRMV4C1AG


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC

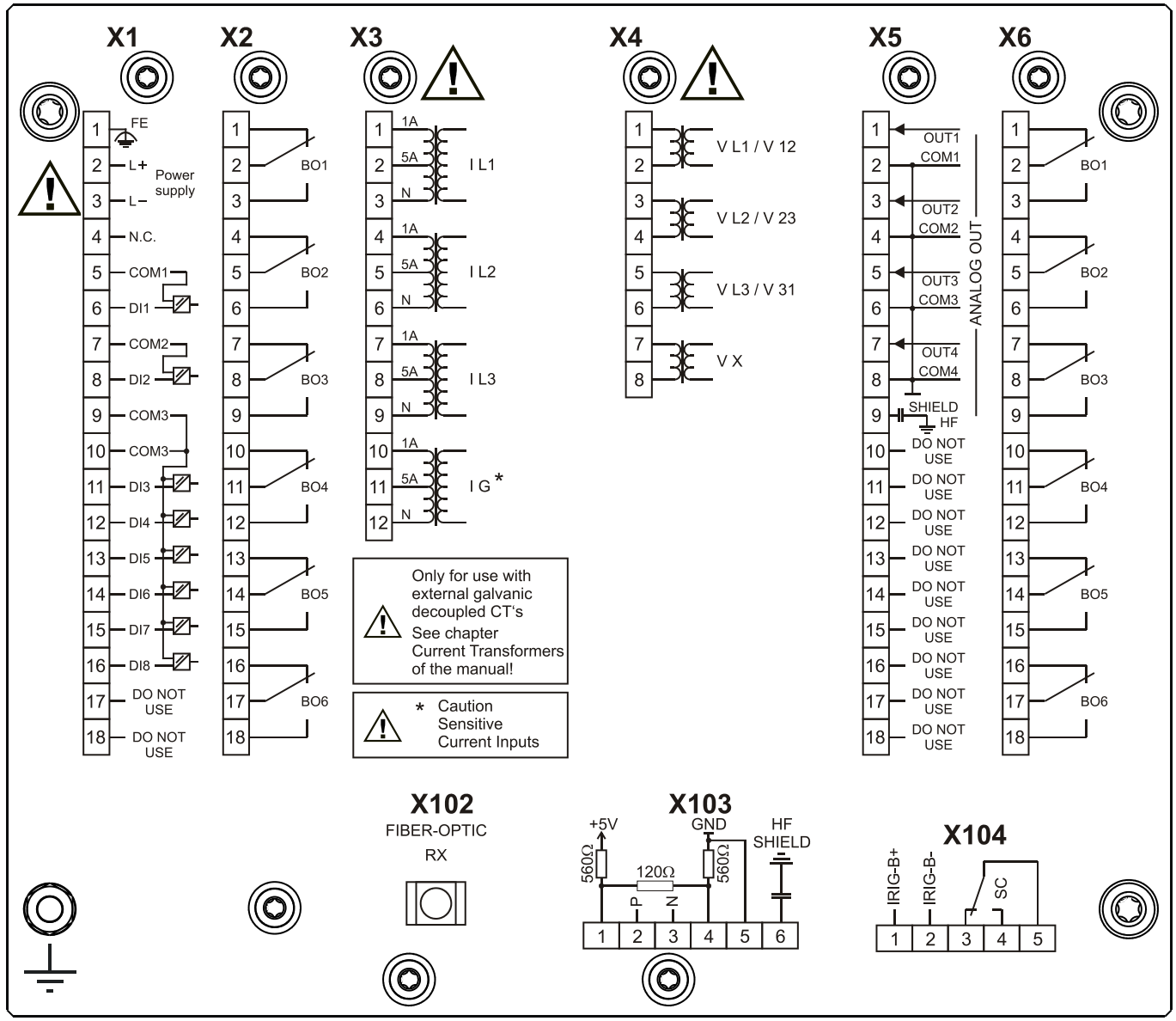
MRMV4C1AH


X1
X2
X3
X4
X5
X6
FE
L+
L–
Power supply
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
SHIELD
HF
ANALOG OUT
DO NOT USE
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

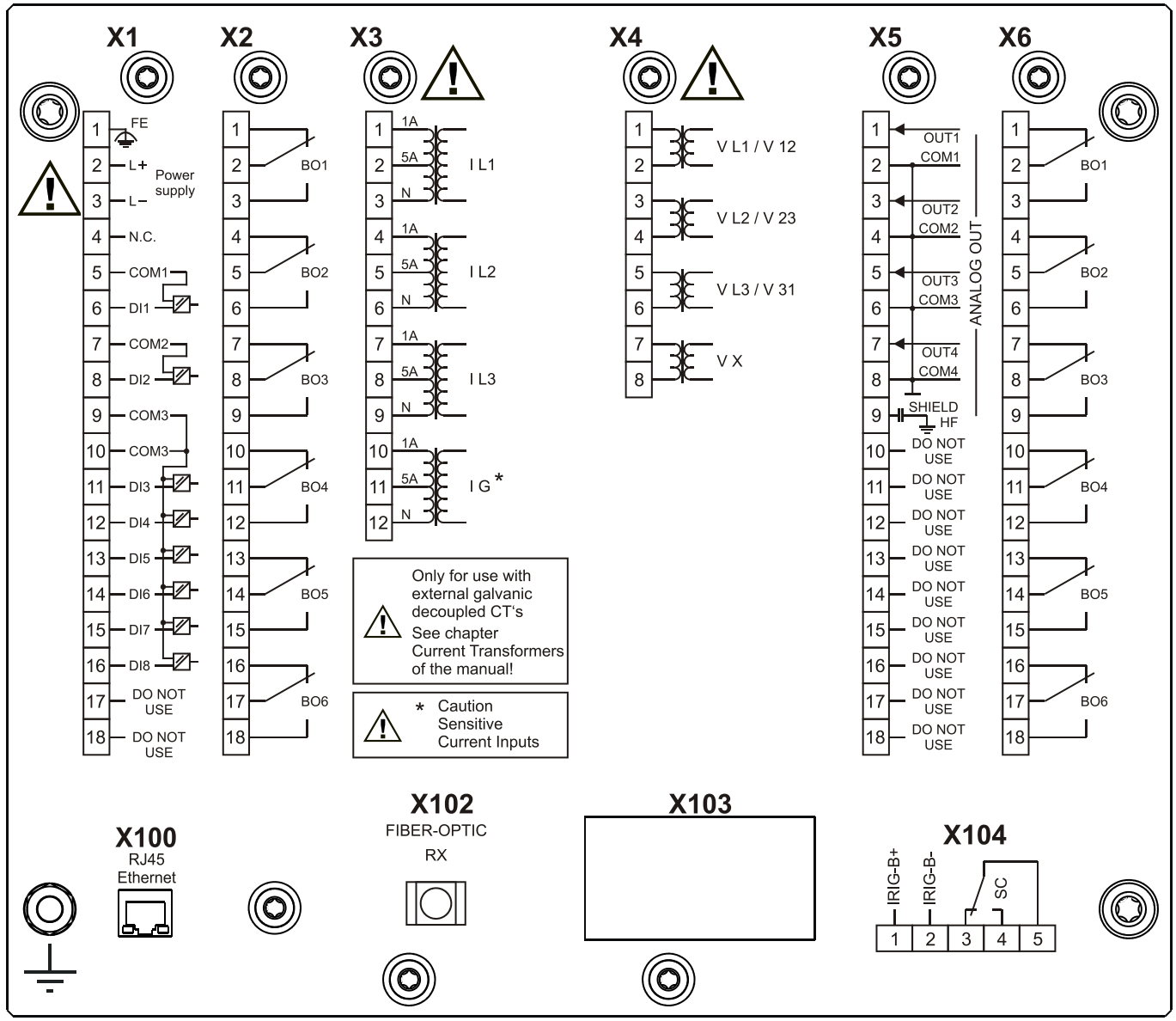
MRMV4C1BA


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC

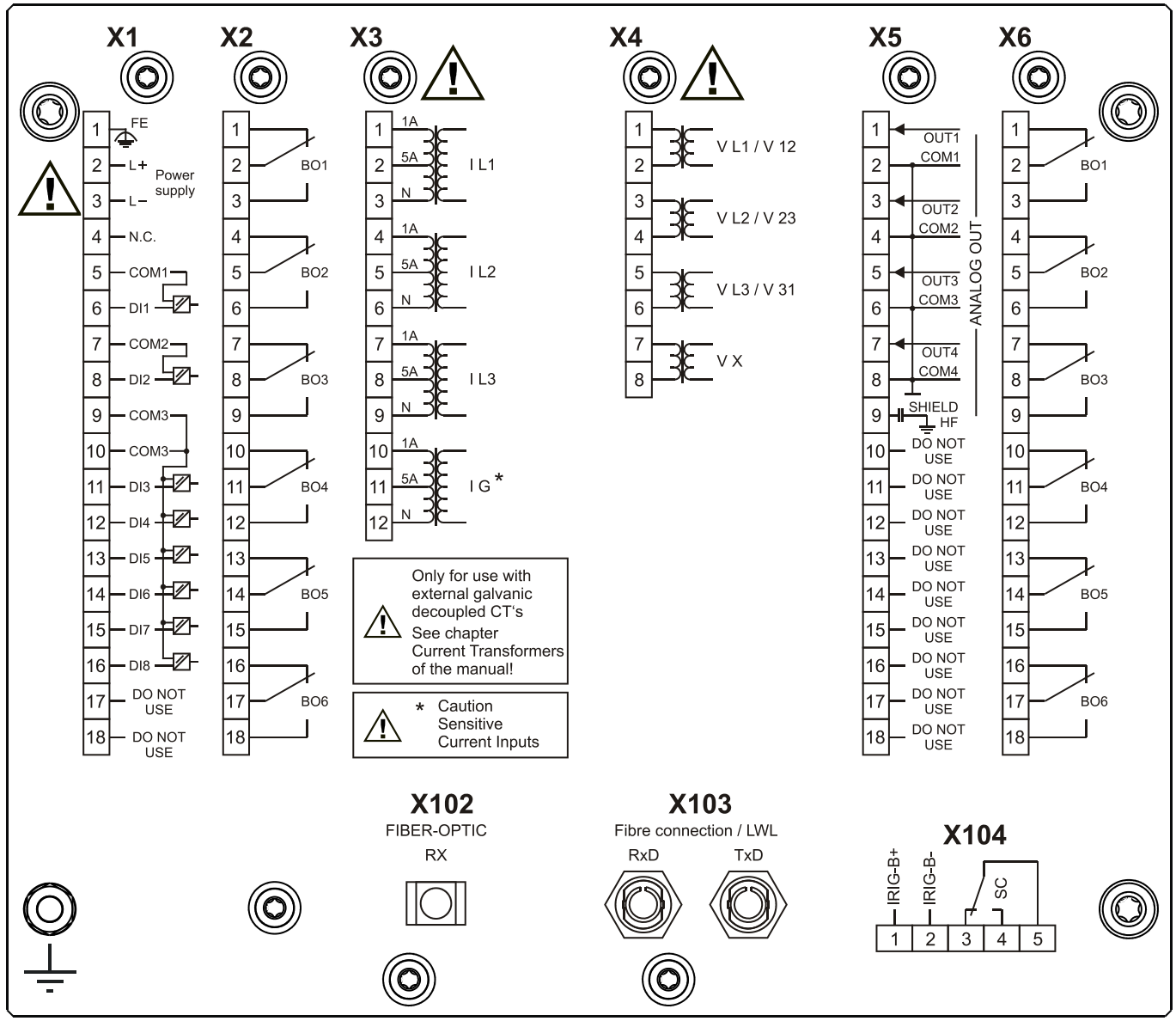
MRMV4C1BB


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
+5V
GND
HF SHIELD
560Ω
120Ω
560Ω
P
N
X104
IRIG-B+
IRIG-B-
SC

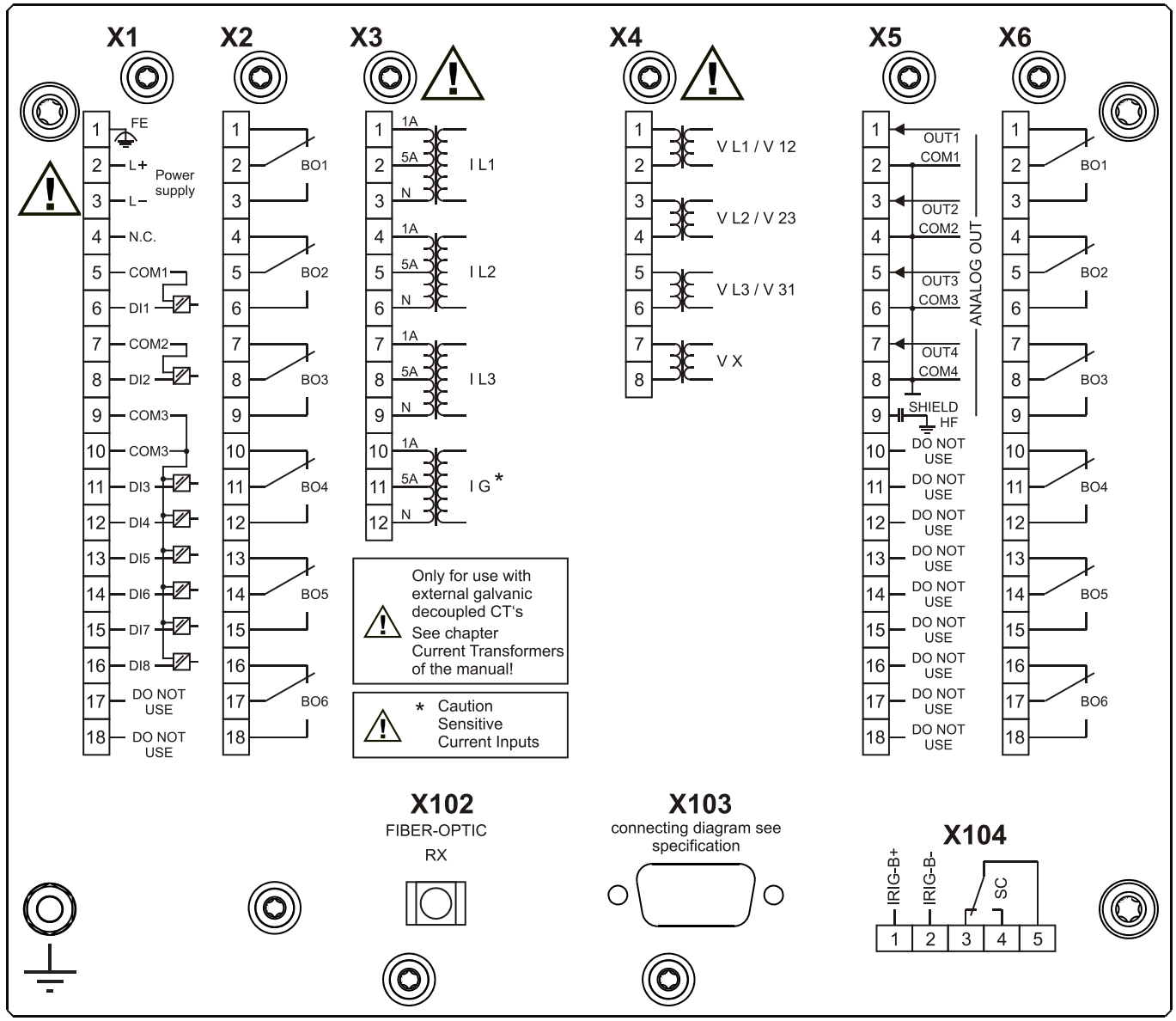
MRMV4C1BC


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

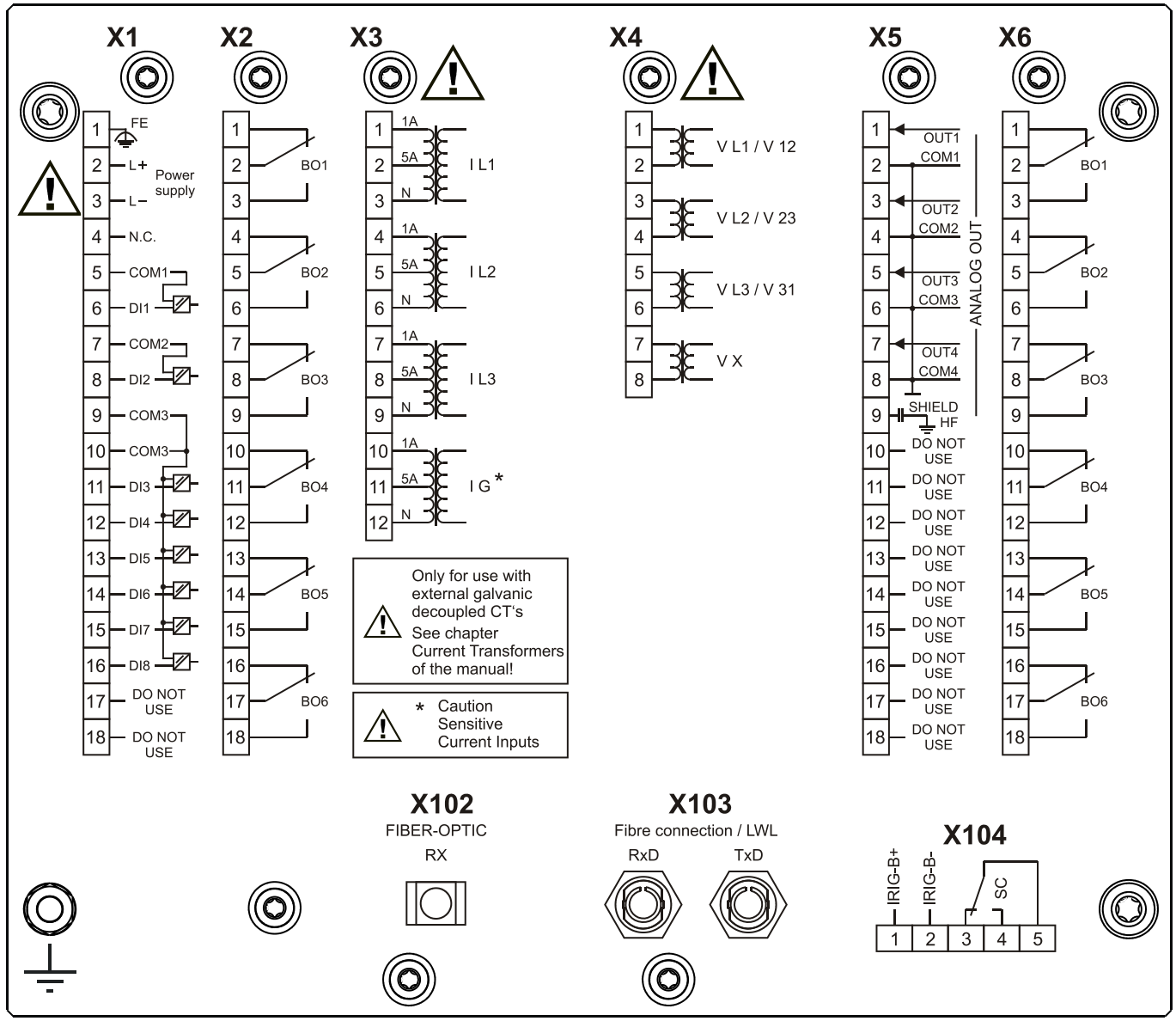
MRMV4C1BD


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC

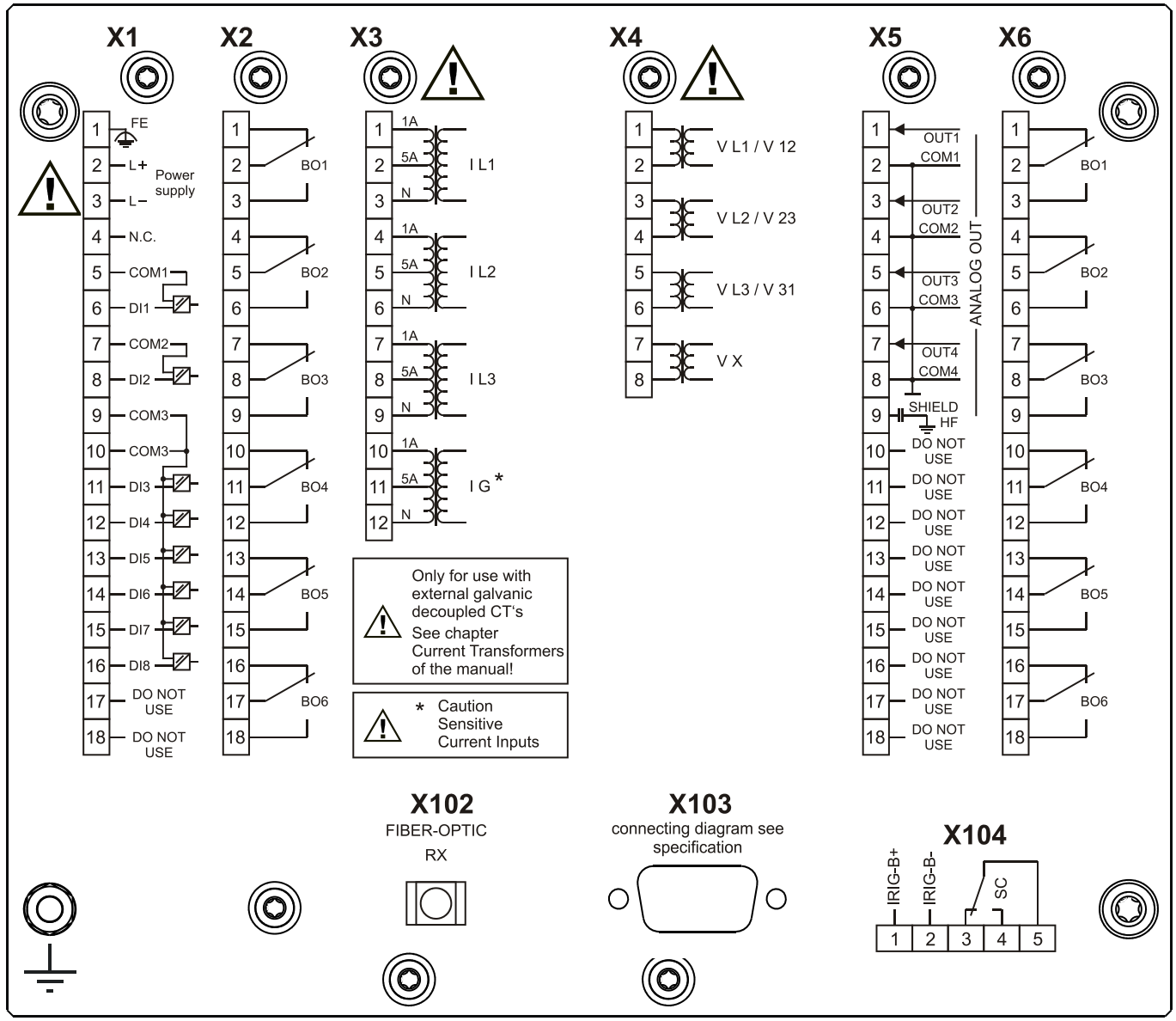
MRMV4C1BE


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

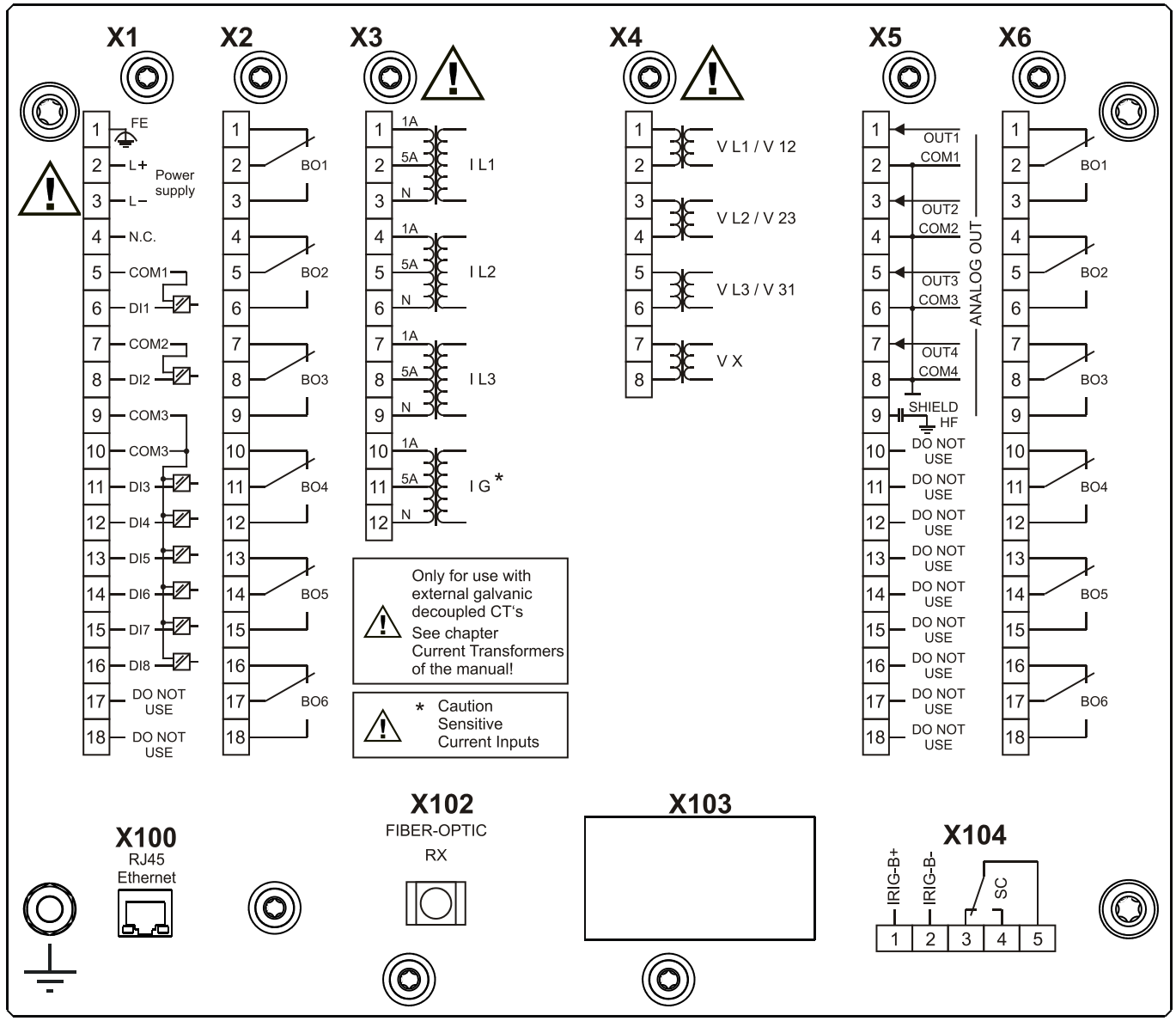
MRMV4C1BF


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
Fibre connection / LWL
RxD
TxD
X104
IRIG-B+
IRIG-B-
SC

MRMV4C1BG


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X102
FIBER-OPTIC
RX
X103
connecting diagram see specification
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5

MRMV4C1BH


X1
X2
X3
X4
X5
X6
FE
L+
Power supply
L–
N.C.
COM1
DI1
COM2
DI2
COM3
COM3
DI3
DI4
DI5
DI6
DI7
DI8
DO NOT USE
DO NOT USE
BO1
BO2
BO3
BO4
BO5
BO6
1A
5A
N
I L1
I L2
I L3
I G *
V L1 / V 12
V L2 / V 23
V L3 / V 31
V X
OUT1
COM1
OUT2
COM2
OUT3
COM3
OUT4
COM4
ANALOG OUT
SHIELD
HF
DO NOT USE
Only for use with external galvanic decoupled CT's
See chapter Current Transformers of the manual!
* Caution Sensitive Current Inputs
X100
RJ45
Ethernet
X102
FIBER-OPTIC
RX
X103
X104
IRIG-B+
IRIG-B-
SC
1
2
3
4
5