SINGLE MICROSWITCH | DEVICES

SHEET 1

PRODUCTS:
GNExCP6B/C/D/E - BG
GNExCP6B/C/D/E - PB
GNExCP6B/C/D/E - PT

Diagram	Sheet
Dual Switch Wiring Configurations	2,4,5,6
LED Indicator Wiring Configurations	3,4,6
Parallel Dual Switch Wiring Configurations	5, 6

GNEXCP6B-BG[s][t][l][e][m][d][v][o][x][u]-[v][e][s]

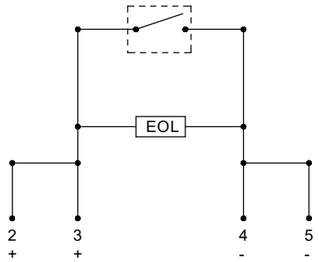
- [s] Switch Type
- [t] Terminals
- [l] LED Indicator
- [e] Product Version
- [m] [d] [v] [o] [x] [u] Product Option
- [v] [e] [s] Series Module / EOL Module

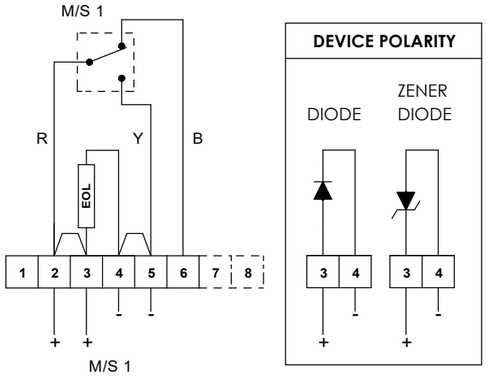
Module Device Codes	EOL	Series
Resistor	ExxxR	SxxxR
Diode	ED1	SD1
Zener Diode	ExxxZ	SxxxZ
LED	N/A	L or C

ISSUE	MOD No.	REASON - INITIAL - DATE
2	ACN0077	TYPE E ADDED, DUAL VERSION SCHEMATICS UPDATED, SHEET 3 ADDED FOR LED DIAGRAMS, D.A.H - 28-08-2020
3		DEVICE POLARITY ADDED, CONFIG 8 AND 12 ADDED (LED ONLY) CODING UPDATE FOR CONFIG 3 AND 4 D.A.H - 21-02-2022
4		CONFIG 13 REMOVED, CONFIGS RE-NUMBERED 1 TO 24 D.A.H - 17-11-2022

SINGLE SWITCH WITH EOL DEVICE — CONFIG. 1

SWITCH TYPE [s]	[S]	Single
PRODUCT OPTION [o]	[1]	Standard
EOL MODULE [e]	[Exxxx]	EOL Device





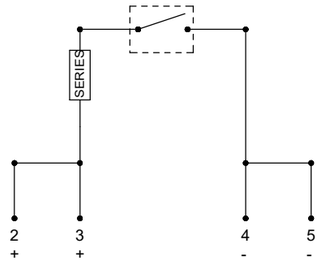
Circuit shown in Unoperated condition

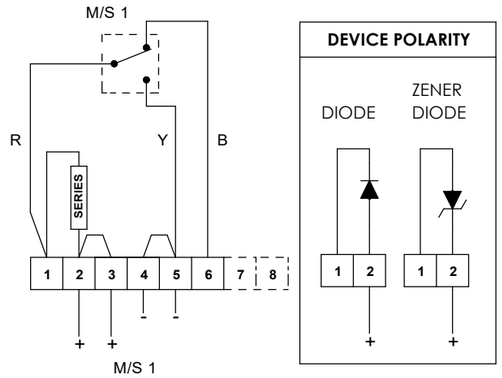
Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) open
Terminals +(2,3) & (6) closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2,3) & -(4,5) closed
Terminals +(2,3) & (6) open

SINGLE SWITCH WITH SERIES DEVICE — CONFIG. 2

SWITCH TYPE [s]	[S]	Single
PRODUCT OPTION [o]	[1]	Standard
SERIES MODULE [s]	[Sxxxx]	Series Device





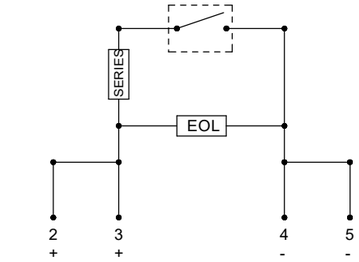
Circuit shown in Unoperated condition

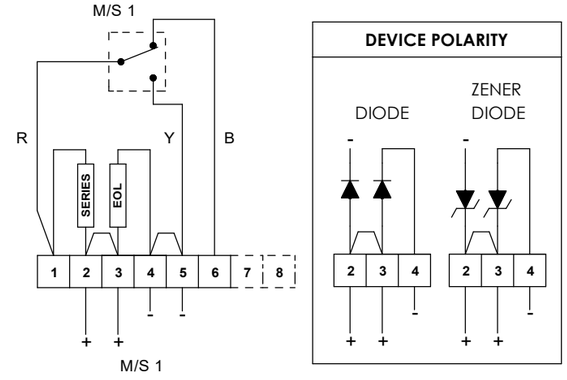
Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) open
Terminals +(2,3) & (6) closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2,3) & -(4,5) closed
Terminals +(2,3) & (6) open

SINGLE SWITCH WITH EOL & SERIES DEVICE — CONFIG. 3

SWITCH TYPE [s]	[S]	Single
PRODUCT OPTION [o]	[1]	Standard
MODULES [e][s]	[Exxxx][Sxxxx]	EOL + Series





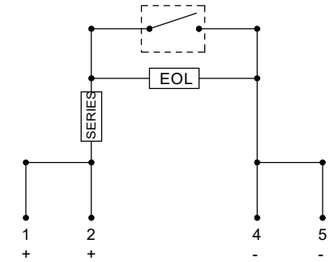
Circuit shown in Unoperated condition

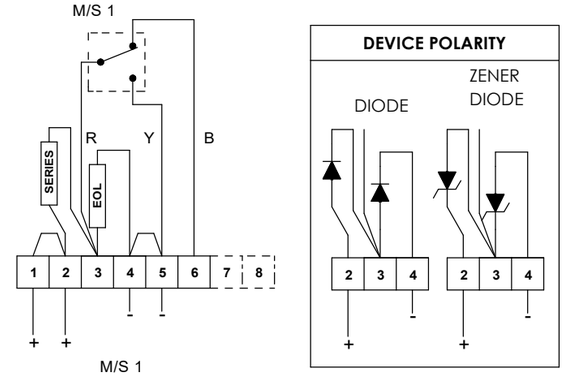
Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) open
Terminals +(2,3) & (6) closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2,3) & -(4,5) closed
Terminals +(2,3) & (6) open

SINGLE SWITCH WITH EOL & SERIES DEVICE — CONFIG. 4

SWITCH TYPE [s]	[S]	Single
PRODUCT OPTION [o]	[W]	Alternative Wiring
MODULE [e][s]	[Exxxx][Sxxxx]	EOL + Series





Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(1,2) & -(4,5) M/S 1 open
Terminals +(1,2) & (6) M/S 1 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(1,2) & -(4,5) M/S 1 closed
Terminals +(1,2) & (6) M/S 1 open

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO ISO1101:1983
LINEAR DIMENSIONAL TOLS
ANGULAR DIMENSIONAL TOLS

STANDARDS
GNExCP6B/C/D/E CALL POINTS

DRAWN	D.HOWGILL	DATE 07-02-20
CHECKED	R.N.POTTS	DATE 07-02-20
APPROVED	R.N.POTTS	DATE 07-02-20

SURFACE FINISH | WEIGHT (Kg)
MATERIAL
ALTERNATIVE MATERIAL

e2S warning signals
EUROPEAN SAFETY SYSTEMS LTD
IMPRESS HOUSE
MANSELL ROAD
ACTON
LONDON W3 7QH
WWW.E2S.COM

ALL DIMENSIONS IN MM
IF IN DOUBT, ASK - DO NOT SCALE

A3

TITLE **GNExCP6B/C/D/E-BG/PB/PT MANUAL CALL POINT WIRING SCHEMATIC**

SCALE	SHEET	DRAWING NUMBER
NTS	1 OF 6	D154-06-051

DUAL MICROSWITCH | DEVICES

SHEET 2

Notes:
1. Other configurations of dual switch units are possible. Contact E2S sales to discuss options.

GNEXCP6B-BG[s][t][l][e][m][d][v][o][x][u]-[v][e][s]

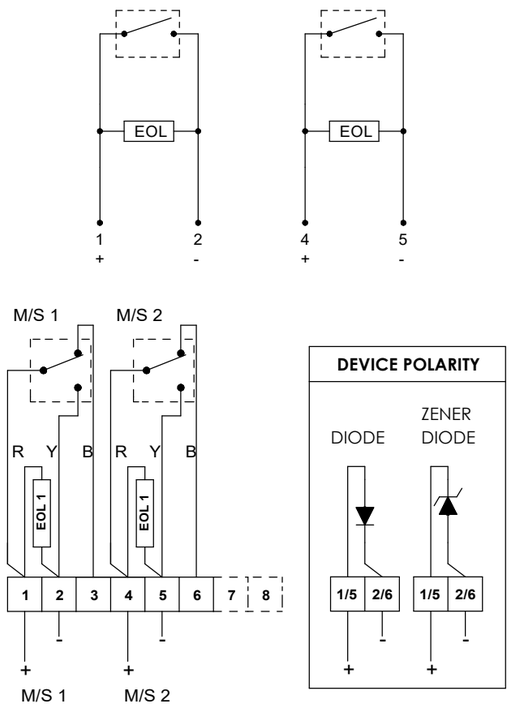
LED Indicator [u]
Switch Type [s]
Terminals [t]
Product Version [v]
Product Option [o]
EOL Module [e]
Series Module [s]

Module Device Codes	EOL	Series
Resistor	ExxxR	SxxxR
Diode	ED1	SD1
Zener Diode	ExxxZ	SxxxZ
LED	N/A	L or C

ISSUE	MOD No.	REASON - INITIAL - DATE
2	ACN0077	SEE SHEET 1 D.A.H - 28-08-2020
3		SEE SHEET 1 D.A.H - 06-07-2021
4		SEE SHEET 1 D.A.H - 17-11-2022

DUAL SWITCH WITH EOL DEVICE — CONFIG. 5

SWITCH TYPE [s] [D] Dual
PRODUCT OPTION [o] [1] Standard
EOL MODULE [e] [Exxxx] EOL Device



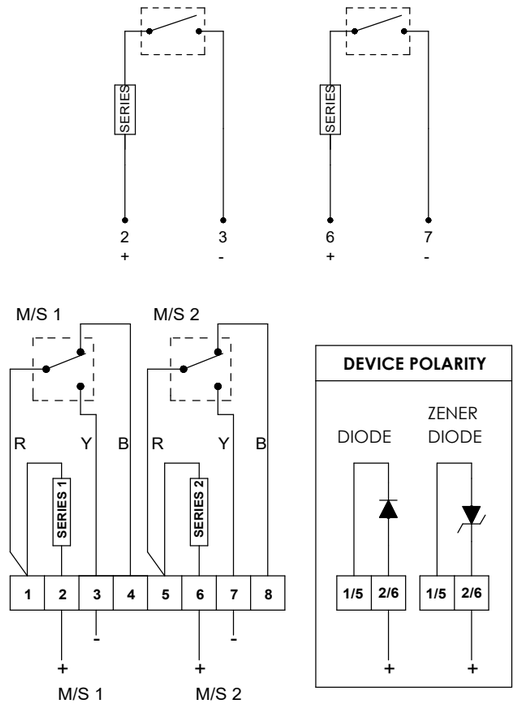
Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals+ (1) & -(2) M/S 1 and +(4) & -(5) M/S 2 open
Terminals +(1) & (3) M/S 1 and +(4) & (6) M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals+ (1) & -(2) M/S 1 open and +(4) & -(5) M/S 2 closed
Terminals +(1) & (3) M/S 1 and +(4) & (6) M/S 2 open

DUAL SWITCH WITH SERIES DEVICES — CONFIG. 6

SWITCH TYPE [s] [D] Dual
TERMINALS [t] [D] DIN Rail Only
PRODUCT OPTION [o] [1] Standard
SERIES MODULE [s] [Sxxxx] Series Device



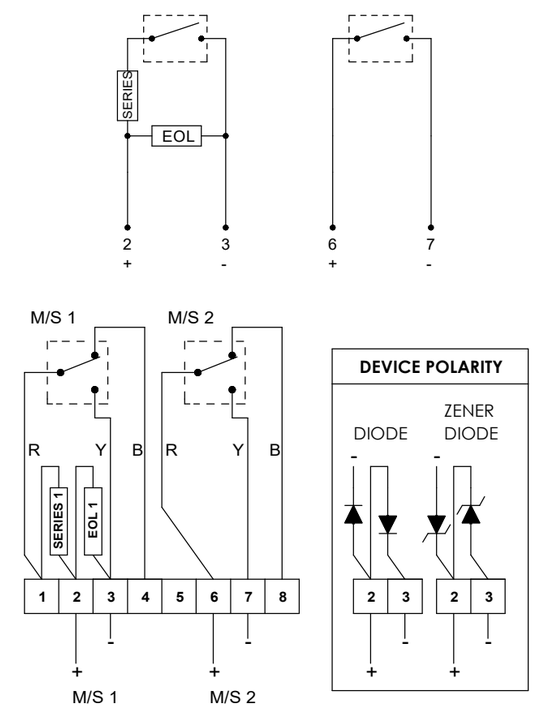
Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) open
Terminals +(2,3) & (6) closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 closed
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 open

DUAL SWITCH WITH EOL & SERIES DEVICE — CONFIG. 7

SWITCH TYPE [s] [D] Dual
TERMINALS [t] [D] DIN Rail Only
PRODUCT OPTION [o] [1] Standard
MODULES [e][s] [Exxxx][Sxxxx] EOL + Series



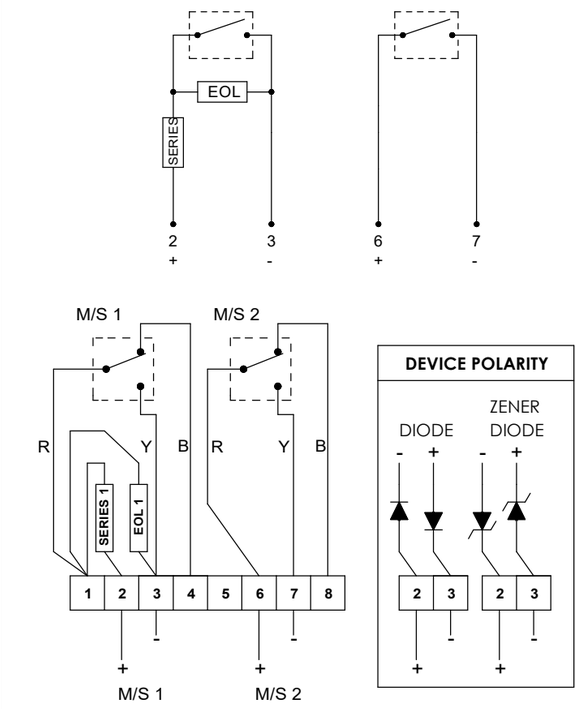
Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 open
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 closed
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 open

DUAL SWITCH WITH EOL & SERIES DEVICE — CONFIG. 8

SWITCH TYPE [s] [D] Dual
TERMINALS [t] [D] DIN Rail Only
PRODUCT OPTION [o] [W] Alternative Wiring
MODULES [e][s] [Exxxx][Sxxxx] EOL + Series



Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 open
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 closed
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 open

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO ISO1101:1983
LINEAR DIMENSIONAL TOLS
ANGULAR DIMENSIONAL TOLS

STANDARDS
GNExCP6B/C/D/E CALL POINTS

DRAWN	D.HOWGILL	DATE 07-02-20
CHECKED	R.N.POTTS	DATE 07-02-20
APPROVED	R.N.POTTS	DATE 07-02-20

SURFACE FINISH
WEIGHT (Kg)
MATERIAL
ALTERNATIVE MATERIAL

2S warning signals
EUROPEAN SAFETY SYSTEMS LTD
IMPRESS HOUSE
MANSELL ROAD
ACTON
LONDON W3 7QH
WWW.E2S.COM

ALL DIMENSIONS IN MM
IF IN DOUBT, ASK - DO NOT SCALE

A3

TITLE **GNExCP6B/C/D/E-BG/PB/PT MANUAL CALL POINT WIRING SCHEMATIC**

SCALE	SHEET	DRAWING NUMBER
NTS	2 OF 6	D154-06-051

SINGLE MICROSWITCH | LED | DEVICES

SHEET 3

Notes:
1. LED available only on GNExCP6B and GNExCP6C Units
2. GNExCP6C Units have the option to remove the LED current-limiting resistor RL1 using LED option 'C'. In all other cases, RL1 is included.

LED Indicator [u]

GNEXCP6B-BG[s][t][l][e][m][d][v][o][x][u]-[v][e][s] Series Module [s]

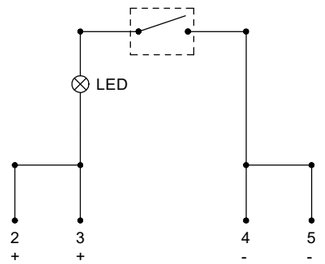
Switch Type [s] | Terminals [t] | Product Version [v] | Product Option [o] | EOL Module [e]

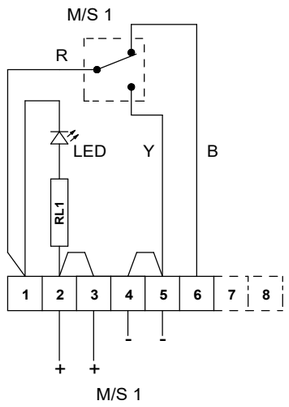
Module Device Codes		
	EOL	Series
Resistor	ExxxR	SxxxR
Diode	ED1	SD1
Zener Diode	ExxxZ	SxxxZ
LED	N/A	L or C

ISSUE	MOD No.	REASON - INITIAL - DATE
2	ACN0077	SEE SHEET 1 D.A.H - 28-08-2020
3		SEE SHEET 1 D.A.H - 06-07-2021
4		SEE SHEET 1 D.A.H - 17-11-2022

SINGLE SWITCH WITH LED ONLY — CONFIG. 9

SWITCH TYPE [s]	[S]	Single
PRODUCT OPTION [o]	[1]	Standard
LED INDICATOR [u]	[L]	LED





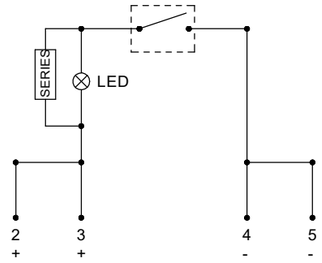
Circuit shown in Unoperated condition

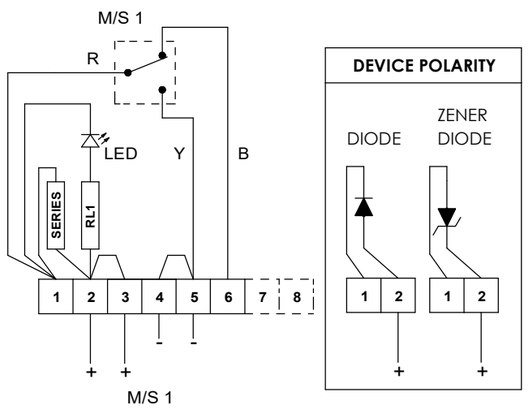
Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) open
Terminals +(2,3) & (6) closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2,3) & -(4,5) closed
Terminals +(2,3) & (6) open

SINGLE SWITCH WITH LED & SERIES DEVICE — CONFIG. 10

SWITCH TYPE [s]	[S]	Single
PRODUCT OPTION [o]	[1]	Standard
LED INDICATOR [u]	[L]	LED
SERIES MODULE [s]	[Sxxxx]	Series Device





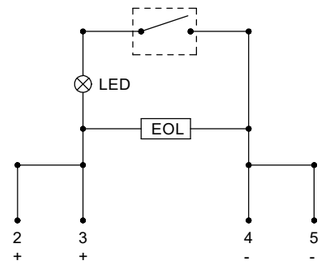
Circuit shown in Unoperated condition

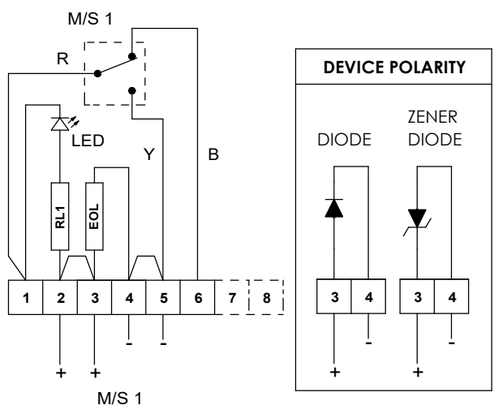
Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) open
Terminals +(2,3) & (6) closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2,3) & -(4,5) closed
Terminals +(2,3) & (6) open

SINGLE SWITCH WITH LED & EOL DEVICE — CONFIG. 11

SWITCH TYPE [s]	[S]	Single
PRODUCT OPTION [o]	[1]	Standard
LED INDICATOR [u]	[L]	LED
EOL MODULE [e]	[Exxxx]	EOL Device





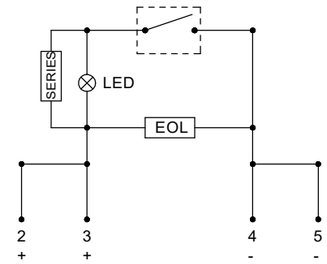
Circuit shown in Unoperated condition

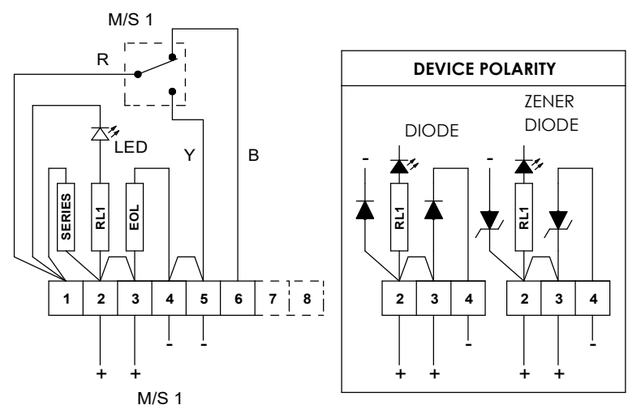
Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) open
Terminals +(2,3) & (6) closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2,3) & -(4,5) closed
Terminals +(2,3) & (6) open

SINGLE SWITCH WITH LED, EOL & SERIES DEVICE — CONFIG. 12

SWITCH TYPE [s]	[S]	Single
PRODUCT OPTION [o]	[1]	Standard
LED INDICATOR [u]	[L]	LED
MODULES [e][s]	[Exxxx][Sxxxx]	EOL + Series Device





Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) open
Terminals +(2,3) & (6) closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2,3) & -(4,5) closed
Terminals +(2,3) & (6) open

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO ISO1101:1983
LINEAR DIMENSIONAL TOLS
ANGULAR DIMENSIONAL TOLS

STANDARDS
GNExCP6B/C/D/E CALL POINTS

DRAWN	D.HOWGILL	DATE 07-02-20
CHECKED	R.N.POTTS	DATE 07-02-20
APPROVED	R.N.POTTS	DATE 07-02-20

SURFACE FINISH | WEIGHT (Kg)

MATERIAL

ALTERNATIVE MATERIAL

e2S warning signals
EUROPEAN SAFETY SYSTEMS LTD
IMPRESS HOUSE
MANSELL ROAD
ACTON
LONDON W3 7QH
WWW.E2S.COM

ALL DIMENSIONS IN MM
IF IN DOUBT, ASK - DO NOT SCALE

A3

TITLE **GNExCP6B/C/D/E-BG/PB/PT MANUAL CALL POINT WIRING SCHEMATIC**

SCALE	SHEET	DRAWING NUMBER
NTS	3 OF 6	D154-06-051

DUAL MICROSWITCH | LED | DEVICES

SHEET 4

Notes:
1. LED available only on GNExCP6B and GNExCP6C Units
2. GNExCP6C Units have the option to remove the LED current-limiting resistor RL1 using LED option 'C'. In all other cases, RL1 is included.

GNEXCP6B-BG[s][t][l][e][m][d][v][o][x][u]-[v][e][s]

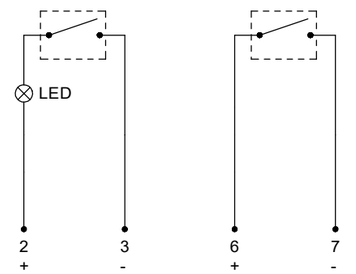
- [s] Switch Type
- [t] Terminals
- [v] Product Version
- [o] Product Option
- [u] LED Indicator
- [e] EOL Module
- [s] Series Module

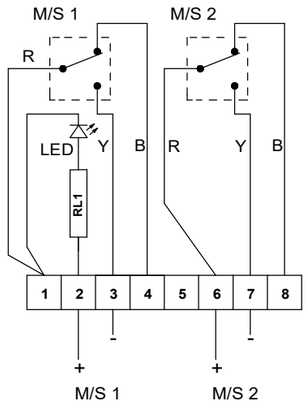
Module Device Codes		
	EOL	Series
Resistor	ExxxR	SxxxR
Diode	ED1	SD1
Zener Diode	ExxxZ	SxxxZ
LED	N/A	L or C

ISSUE	MOD No.	REASON - INITIAL - DATE
2	ACN0077	SEE SHEET 1 D.A.H - 28-08-2020
3		SEE SHEET 1 D.A.H - 06-07-2021
4		SEE SHEET 1 D.A.H - 17-11-2022

DUAL SWITCH WITH LED — CONFIG. 13

SWITCH TYPE [s]	[D]	Dual
TERMINALS [t]	[D]	DIN Rail Only
PRODUCT OPTION [o]	[1]	Standard
LED INDICATOR [u]	[L]	LED





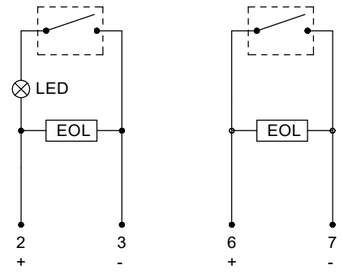
Circuit shown in Unoperated condition

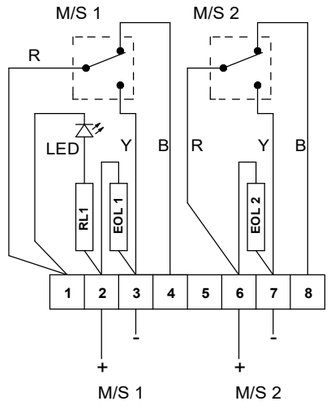
Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 open
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 closed

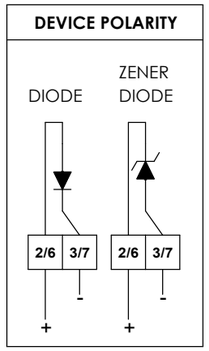
Operated condition
(Glass Broken / Button pushed in)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 closed
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 open

DUAL SWITCH WITH LED & EOL DEVICE — CONFIG. 14

SWITCH TYPE [s]	[D]	Dual
TERMINALS [t]	[D]	DIN Rail Only
PRODUCT OPTION [o]	[1]	Standard
LED INDICATOR [u]	[L]	LED
EOL MODULE [e]	[ExxxR]	EOL Device







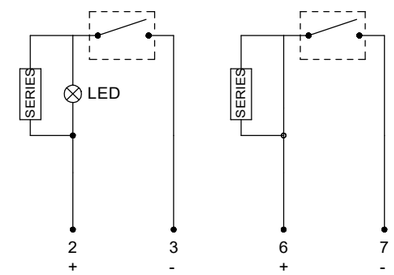
Circuit shown in Unoperated condition

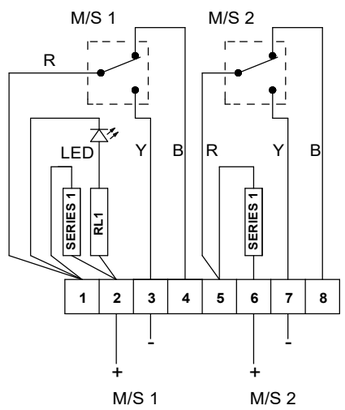
Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 open
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 closed

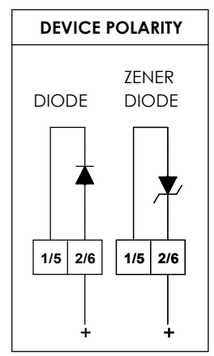
Operated condition
(Glass Broken / Button pushed in)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 closed
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 open

DUAL SWITCH WITH LED & SERIES DEVICE — CONFIG. 15

SWITCH TYPE [s]	[D]	Dual
TERMINALS [t]	[D]	DIN Rail Only
PRODUCT OPTION [o]	[1]	Standard
LED INDICATOR [u]	[L]	LED
SERIES MODULE [s]	[Sxxxx]	Series Device







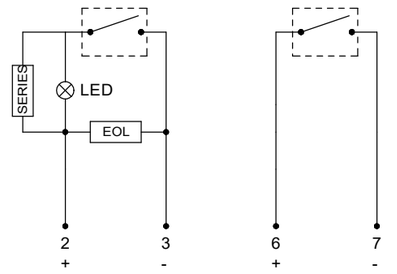
Circuit shown in Unoperated condition

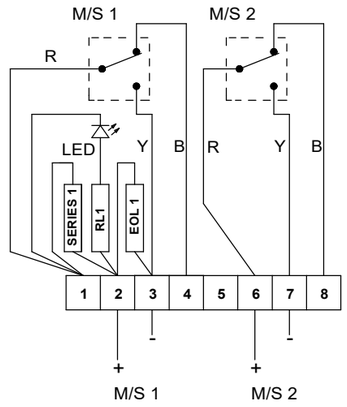
Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 open
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 closed

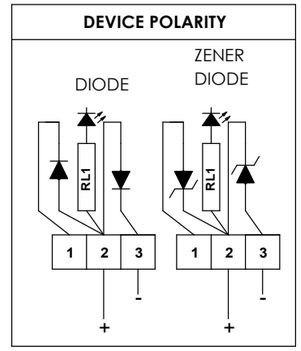
Operated condition
(Glass Broken / Button pushed in)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 closed
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 open

DUAL SWITCH WITH LED, EOL & SERIES DEVICE — CONFIG. 16

SWITCH TYPE [s]	[D]	Dual
TERMINALS [t]	[D]	DIN Rail Only
PRODUCT OPTION [o]	[1]	Standard
LED INDICATOR [u]	[L]	LED
MODULES [e][s]	[Exxxx][Sxxxx]	EOL + Series







Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 open
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2) & -(3) M/S 1 and +(6) & -(7) M/S 2 closed
Terminals +(2) & (4) M/S 1 and +(6) & (8) M/S 2 open

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO ISO1101:1983
LINEAR DIMENSIONAL TOLS
ANGULAR DIMENSIONAL TOLS

STANDARDS
GNExCP6B/C/D/E CALL POINTS

DRAWN	D.HOWGILL	DATE 07-02-20
CHECKED	R.N.POTTS	DATE 07-02-20
APPROVED	R.N.POTTS	DATE 07-02-20

SURFACE FINISH | WEIGHT (Kg)

MATERIAL

ALTERNATIVE MATERIAL

e2S warning signals
EUROPEAN SAFETY SYSTEMS LTD
IMPRESS HOUSE
MANSELL ROAD
ACTON
LONDON W3 7QH
WWW.E2S.COM

ALL DIMENSIONS IN MM
IF IN DOUBT, ASK - DO NOT SCALE

A3

TITLE **GNExCP6B/C/D/E-BG/PB/PT MANUAL CALL POINT WIRING SCHEMATIC**

SCALE	SHEET	DRAWING NUMBER
NTS	4 OF 6	D154-06-051

DUAL MICROSWITCHES IN PARALLEL

SHEET 5

Notes:
1. Other configurations of dual switch units are possible. Contact E2S sales to discuss options.

GNEXCP6B-BG[s][t][l][e][m][d][v][o][x][u]-[v][e][s]

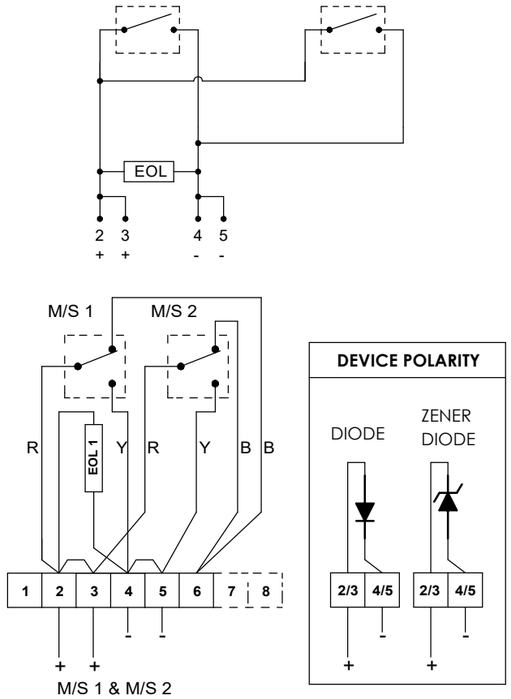
- [s] Switch Type
- [t] Terminals
- [l] LED Indicator [u]
- [m] Product Version [v]
- [d] Product Option [o]
- [x] Series Module [s]
- [u] EOL Module [e]

Module Device Codes	EOL	Series
Resistor	ExxxR	SxxxR
Diode	ED1	SD1
Zener Diode	ExxxZ	SxxxZ
LED	N/A	L or C

ISSUE	MOD No.	REASON - INITIAL - DATE
2	ACN0077	SEE SHEET 1 D.A.H - 28-08-2020
3		SEE SHEET 1 D.A.H - 06-07-2021
4		SEE SHEET 1 D.A.H - 17-11-2022

DUAL SWITCH WITH EOL DEVICE — CONFIG. 17

SWITCH TYPE [s] [D] Dual
PRODUCT OPTION [o] [P] Parallel Wiring
EOL MODULE [e] [Exxxx] EOL Device



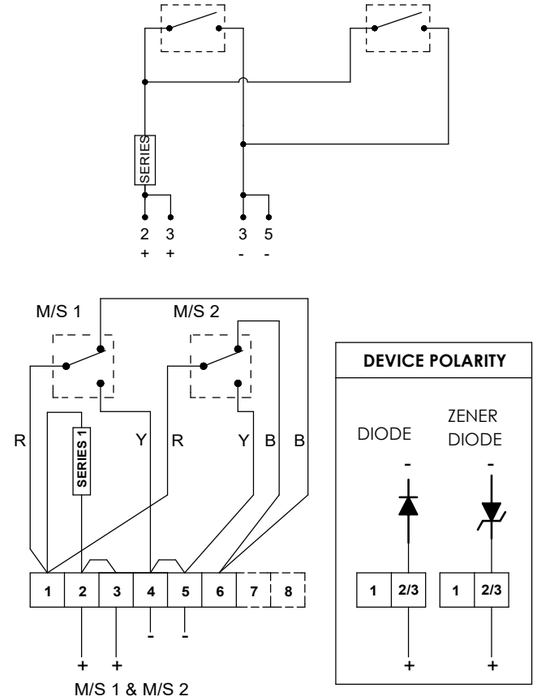
Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals+ (2,3) & -(4,5) M/S 1 & M/S 2 open
Terminals +(2,3) & (6) M/S 1 & M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals+ (2,3) & -(4,5) M/S 1 & M/S 2 closed
Terminals +(2,3) & (6) M/S 1 & M/S 2 open

DUAL SWITCH WITH SERIES DEVICES — CONFIG. 18

SWITCH TYPE [s] [D] Dual
PRODUCT OPTION [o] [P] Parallel Wiring
SERIES MODULE [s] [Sxxxx] Series Device



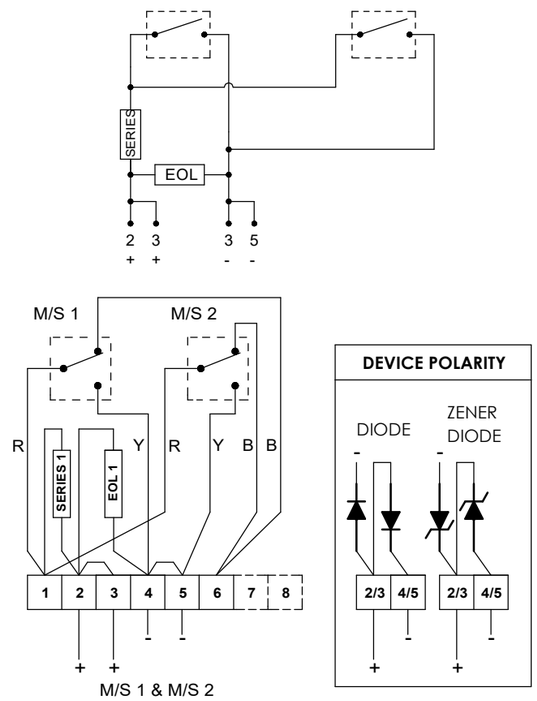
Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) M/S 1 & M/S 2 open
Terminals +(2,3) & (6) M/S 1 & M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2,3) & -(4,5) M/S 1 & M/S 2 closed
Terminals +(2,3) & (6) M/S 1 & M/S 2 open

DUAL SWITCH WITH EOL & SERIES DEVICE — CONFIG. 19

SWITCH TYPE [s] [D] Dual
PRODUCT OPTION [o] [P] Parallel Wiring
MODULE [e][s] [Exxxx][Sxxxx] EOL + Series



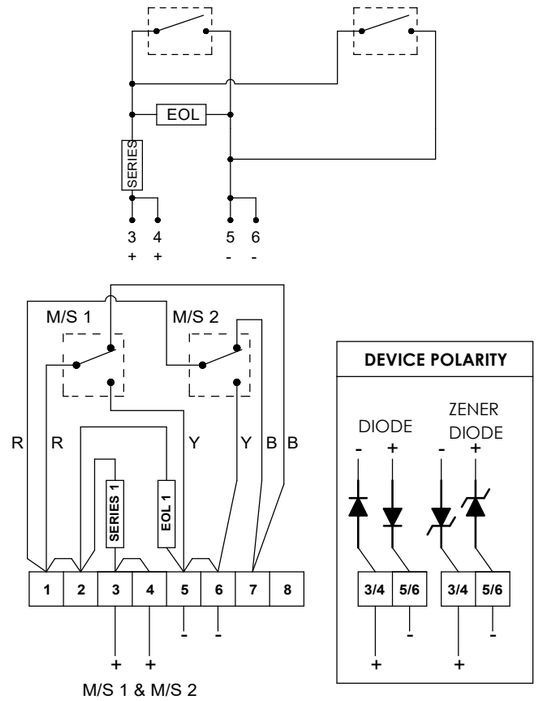
Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(2,3) & -(4,5) M/S 1 & M/S 2 open
Terminals +(2,3) & (6) M/S 1 & M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(2,3) & -(4,5) M/S 1 & M/S 2 closed
Terminals +(2,3) & (6) M/S 1 & M/S 2 open

DUAL SWITCH WITH EOL & SERIES DEVICE — CONFIG. 20

SWITCH TYPE [s] [D] Dual
TERMINALS [t] [D] DIN Rail Only
PRODUCT OPTION [o] [V] Alternative Parallel Switch Wiring
MODULE [e][s] [Exxxx][Sxxxx] EOL + Series



Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(3,4) & -(5,6) M/S 1 & M/S 2 open
Terminals +(3,4) & (7) M/S 1 & M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(3,4) & -(5,6) M/S 1 & M/S 2 closed
Terminals +(3,4) & (7) M/S 1 & M/S 2 open

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO ISO1101:1983
LINEAR DIMENSIONAL TOLS
ANGULAR DIMENSIONAL TOLS

STANDARDS
GNExCP6B/C/D/E CALL POINTS

DRAWN	D.HOWGILL	DATE 07-02-20
CHECKED	R.N.POTTS	DATE 07-02-20
APPROVED	R.N.POTTS	DATE 07-02-20

SURFACE FINISH | WEIGHT (Kg)

MATERIAL

ALTERNATIVE MATERIAL

e2S warning signals
EUROPEAN SAFETY SYSTEMS LTD
IMPRESS HOUSE
MANSELL ROAD
ACTON
LONDON W3 7QH
WWW.E2S.COM

ALL DIMENSIONS IN MM
IF IN DOUBT, ASK - DO NOT SCALE

A3

TITLE **GNExCP6B/C/D/E-BG/PB/PT MANUAL CALL POINT WIRING SCHEMATIC**

SCALE	SHEET	DRAWING NUMBER
NTS	5 OF 6	D154-06-051

DUAL MICROSWITCHES IN PARALLEL | LED

SHEET 6

Notes:
1. LED available only on GNExCP6B and GNExCP6C Units
2. GNExCP6C Units have the option to remove the LED current-limiting resistor RL1 using LED option 'C'. In all other cases, RL1 is included.

GNEXCP6B-BG[s][t][l][e][m][d][v][o][x][u]-[v][e][s]

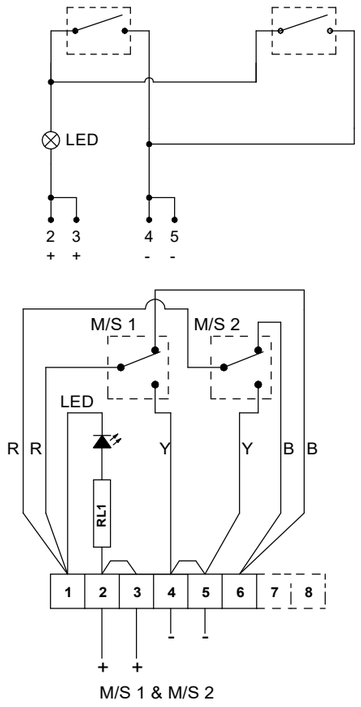
- [s] Switch Type
- [t] Terminals
- [l]
- [e]
- [m]
- [d]
- [v] Product Version
- [o] Product Option
- [x]
- [u] LED Indicator
- [v]
- [e] EOL Module
- [s] Series Module

Module Device Codes		
	EOL	**Series**
Resistor	ExxxR	SxxxR
Diode	ED1	SD1
Zener Diode	ExxxZ	SxxxZ
LED	N/A	L or C

ISSUE	MOD No.	REASON - INITIAL - DATE
2	ACN0077	SEE SHEET 1 D.A.H - 28-08-2020
3		SEE SHEET 1 D.A.H - 06-07-2021
4		SEE SHEET 1 D.A.H - 17-11-2022

DUAL SWITCH WITH LED — CONFIG. 21

SWITCH TYPE [s]	[D]	Dual
PRODUCT OPTION [o]	[P]	Parallel Wiring
LED INDICATOR [u]	[L]	LED



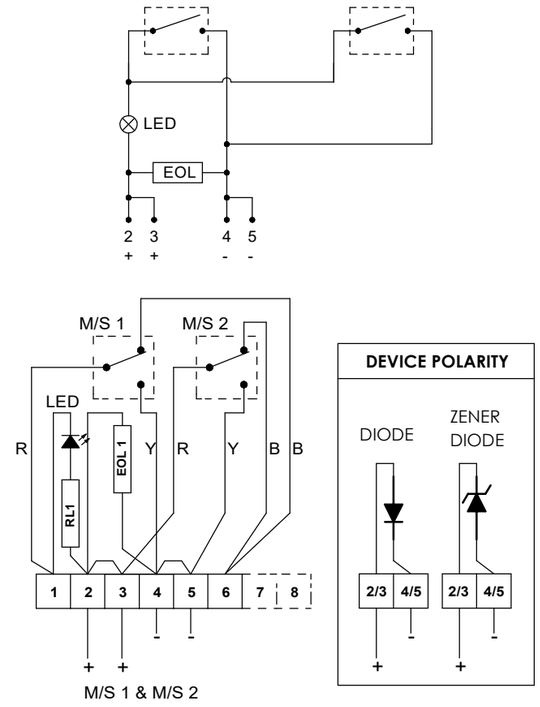
Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals+ (2,3) & -(4,5) M/S 1 & M/S 2 open
Terminals +(2,3) & (6) M/S 1 & M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals+ (2,3) & -(4,5) M/S 1 & M/S 2 closed
Terminals +(2,3) & (6) M/S 1 & M/S 2 open

DUAL SWITCH WITH EOL DEVICE — CONFIG. 22

SWITCH TYPE [s]	[D]	Dual
PRODUCT OPTION [o]	[P]	Parallel Wiring
LED INDICATOR [u]	[L]	LED
EOL MODULE [e]	[Exxxx]	EOL Device



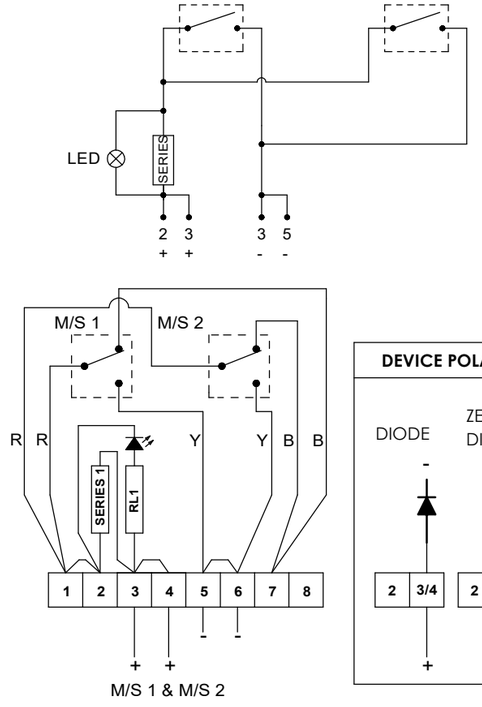
Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals+ (2,3) & -(4,5) M/S 1 & M/S 2 open
Terminals +(2,3) & (6) M/S 1 & M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals+ (2,3) & -(4,5) M/S 1 & M/S 2 closed
Terminals +(2,3) & (6) M/S 1 & M/S 2 open

DUAL SWITCH WITH SERIES DEVICE — CONFIG. 23

SWITCH TYPE [s]	[D]	Dual
TERMINALS [t]	[D]	DIN Rail Only
PRODUCT OPTION [o]	[P]	Parallel Wiring
LED INDICATOR [u]	[L]	LED
SERIES MODULE [s]	[Sxxxx]	Series Device



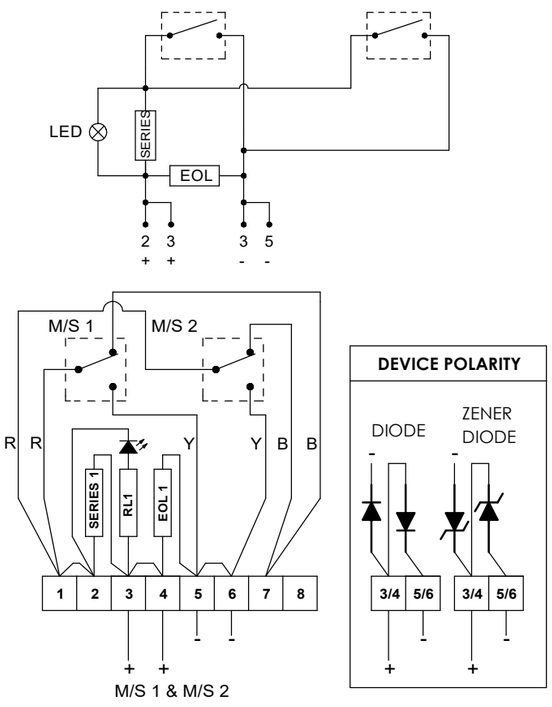
Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(3,4) & -(5,6) M/S 1 & M/S 2 open
Terminals +(3,4) & (7) M/S 1 & M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(3,4) & -(5,6) M/S 1 & M/S 2 closed
Terminals +(3,4) & (7) M/S 1 & M/S 2 open

DUAL SWITCH WITH EOL & SERIES DEVICE — CONFIG. 24

SWITCH TYPE [s]	[D]	Dual
TERMINALS [t]	[D]	DIN Rail Only
PRODUCT OPTION [o]	[P]	Parallel Wiring
LED INDICATOR [u]	[L]	LED
MODULE [e][s]	[Exxxx][Sxxxx]	EOL + Series



Circuit shown in Unoperated condition

Unoperated condition
(Glass Intact / Standby Condition)
Terminals +(3,4) & -(5,6) M/S 1 & M/S 2 open
Terminals +(3,4) & (7) M/S 1 & M/S 2 closed

Operated condition
(Glass Broken / Button pushed in)
Terminals +(3,4) & -(5,6) M/S 1 & M/S 2 closed
Terminals +(3,4) & (7) M/S 1 & M/S 2 open

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO ISO1101:1983
LINEAR DIMENSIONAL TOLS
ANGULAR DIMENSIONAL TOLS

STANDARDS
GNExCP6B/C/D/E CALL POINTS

DRAWN	D.HOWGILL	DATE 07-02-20
CHECKED	R.N.POTTS	DATE 07-02-20
APPROVED	R.N.POTTS	DATE 07-02-20

SURFACE FINISH | WEIGHT (Kg)

MATERIAL

ALTERNATIVE MATERIAL

2S warning signals
EUROPEAN SAFETY SYSTEMS LTD
IMPRESS HOUSE
MANSELL ROAD
ACTON
LONDON W3 7QH
WWW.E2S.COM

ALL DIMENSIONS IN MM
IF IN DOUBT, ASK - DO NOT SCALE

A3

TITLE **GNExCP6B/C/D/E-BG/PB/PT MANUAL CALL POINT WIRING SCHEMATIC**

SCALE	SHEET	DRAWING NUMBER
NTS	6 OF 6	D154-06-051