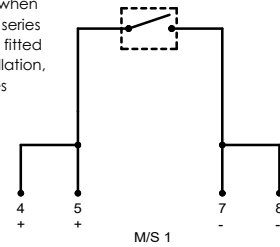
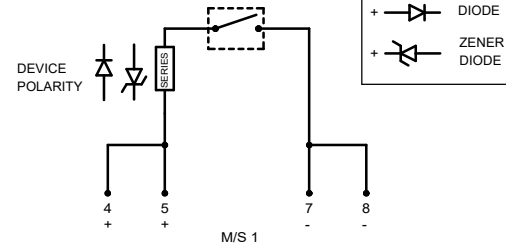
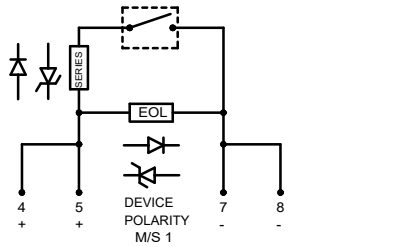
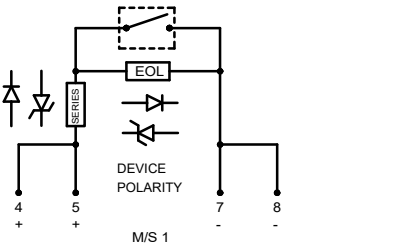
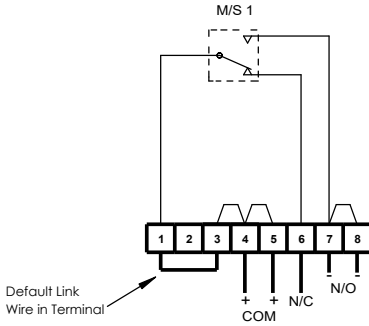
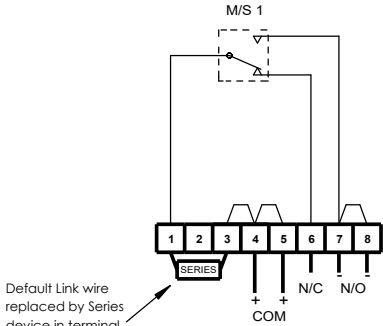
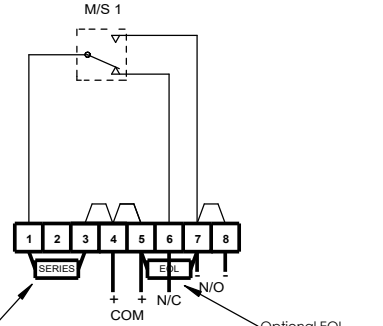
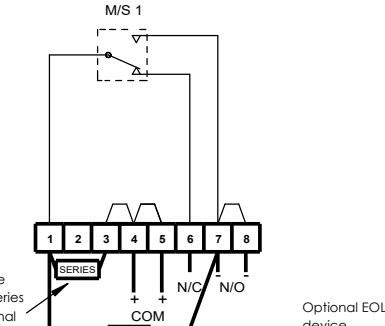
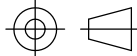
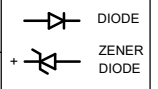
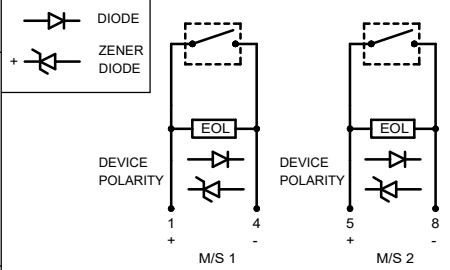
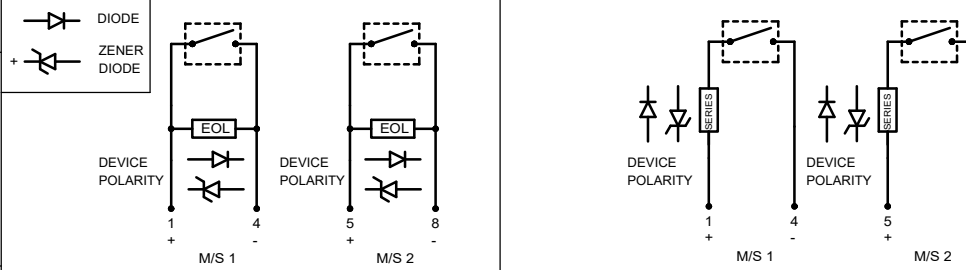
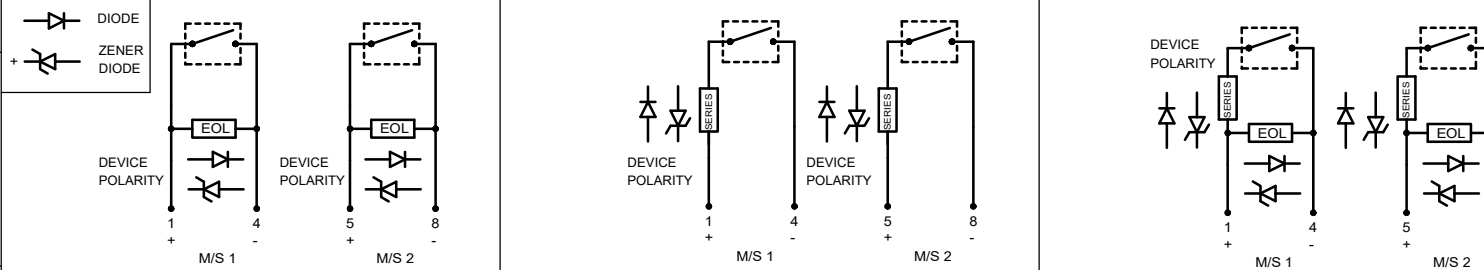
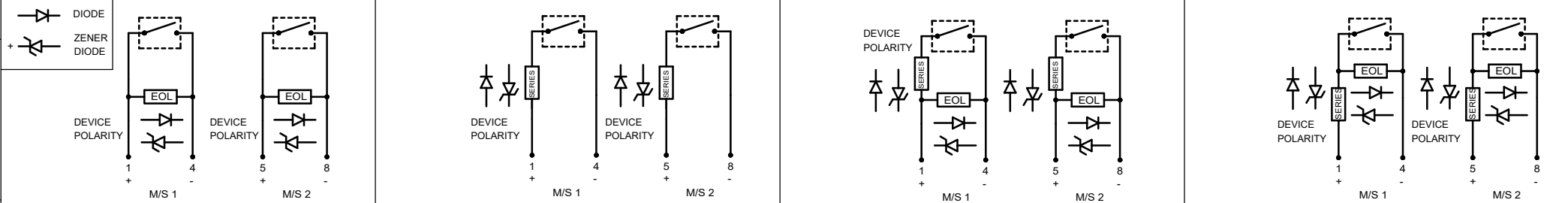
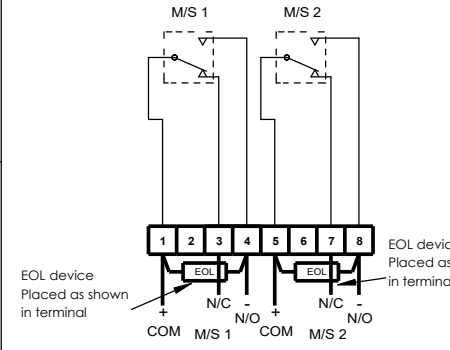
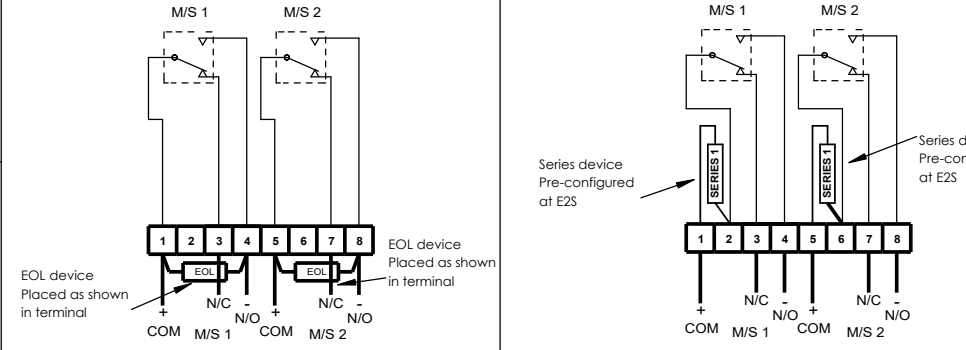
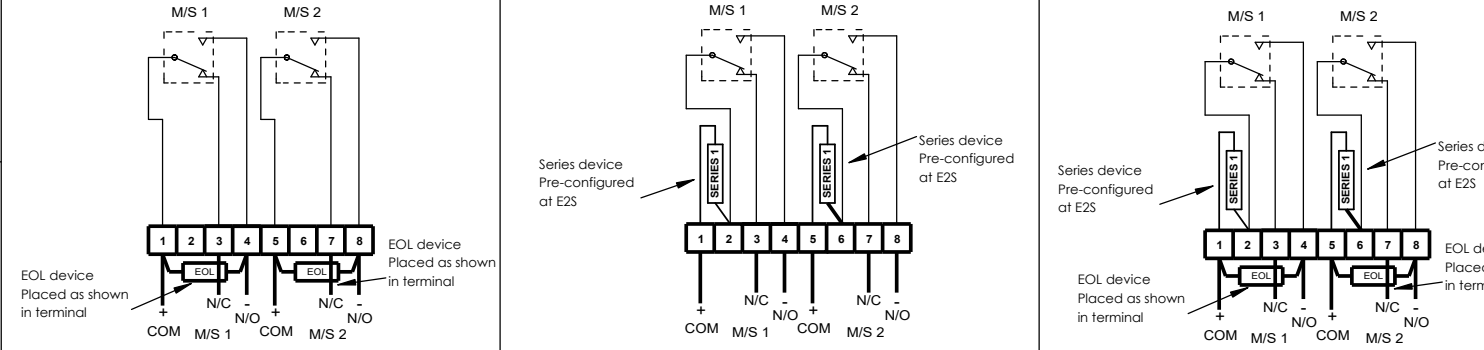
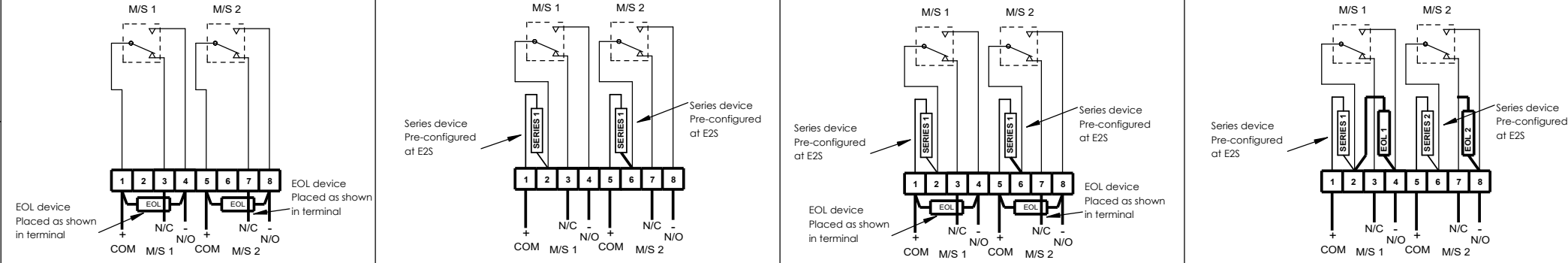
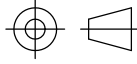


1										2										3										4										5										6										7										8										9										10																													
SINGLE MICROSWITCH - DIN RAIL																				SHEET 1																				Module Device Codes										ISSUE					MOD No.					REASON - INITIAL - DATE																																																											
										Diagram										Sheet										GNEXCP7-BG[s][t][l][e][m][d][v][o][x][u]-[e][s]																				Resistor					EOL					Series					4					ACN0178					Wiring options updates to align with standard units RNP 15-04-2025																																												
										Dual Switch Configurations DIN										2,3,4										Switch Type [s]																				Diode					ED1					SD1																																																											
										Parallel Dual Switch Configurations DIN										4										Terminals [t]																				Zener Diode					ExxxZ					SxxxZ																																																											
										PCB Wiring Configurations see Sheet 5										5,6,7,8										Product Version [v]																				LED					N/A					N/A																																																											
SINGLE SWITCH										CONFIG. D1-1										SINGLE SWITCH WITH SERIES DEVICE										CONFIG. D1-2										SINGLE SWITCH WITH EOL & SERIES DEVICES										CONFIG. D1-3										SINGLE SWITCH WITH EOL & ALT. SERIES DEVICES										CONFIG. D1-4																																																	
SWITCH TYPE [s]										[S]										Single										SWITCH TYPE [s]										[S]										Single										SWITCH TYPE [s]										[S]										Single										SWITCH TYPE [s]										[S]										Single									
TERMINALS [t]										[D]										DIN Rail										TERMINALS [t]										[D]										DIN Rail										TERMINALS [t]										[D]										DIN Rail										TERMINALS [t]										[D]										DIN Rail									
PRODUCT VERSION [v]										[F]										UL38										PRODUCT VERSION [v]										[F]										UL38										PRODUCT VERSION [v]										[F]										UL38										PRODUCT VERSION [v]										[F]										UL38									
PRODUCT OPTION [o]										[1]										Default										PRODUCT OPTION [o]										[1]										Default										PRODUCT OPTION [o]										[W]										Alt. EOL Pos'n.										PRODUCT OPTION [o]										[W]										Alt. EOL Pos'n.									
LED INDICATOR [u]										[N]										No LED										LED INDICATOR [u]										[N]										No LED										LED INDICATOR [u]										[N]										No LED										LED INDICATOR [u]										[N]										No LED									
																														SERIES MODULE [s]										[Sxxxx]										Series Device																				[Exxxx][Sxxxx]										EOL + Series										MODULE [e][s]										[Exxxx][Sxxxx]										EOL + Series									
Note :- Use when EOL and/or series devices are fitted during installation, or if no series devices are required. 																																																																																																																							
 Default Link Wire in Terminal										 Default Link wire replaced by Series device in terminal										 Default Link wire replaced by Optional Series device in terminal										 Default Link wire replaced by Series device in terminal																																																																																									
Circuit shown in Unoperated condition Unoperated condition (Glass Intact / Standby Condition) Terminals +(4,5) & -(7,8) open Terminals +(4,5) & (6) closed Operated condition (Glass Broken / Button pushed in) Terminals +(4,5) & -(7,8) closed Terminals +(4,5) & (6) open										Circuit shown in Unoperated condition Unoperated condition (Glass Intact / Standby Condition) Terminals +(4,5) & -(7,8) open Terminals +(4,5) & (6) closed Operated condition (Glass Broken / Button pushed in) Terminals +(4,5) & -(7,8) closed Terminals +(4,5) & (6) open										Circuit shown in Unoperated condition Unoperated condition (Glass Intact / Standby Condition) Terminals +(4,5) & -(7,8) open Terminals +(4,5) & (6) closed Operated condition (Glass Broken / Button pushed in) Terminals +(4,5) & -(7,8) closed Terminals +(4,5) & (6) open										Circuit shown in Unoperated condition Unoperated condition (Glass Intact / Standby Condition) Terminals +(4,5) & -(7,8) open Terminals +(4,5) & (6) closed Operated condition (Glass Broken / Button pushed in) Terminals +(4,5) & -(7,8) closed Terminals +(4,5) & (6) open																																																																																									
DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 ANGULAR DIMENSIONAL TOLS										DRAWN R.S.RAIT DATE 27-06-2019										SURFACE FINISH										WEIGHT (Kg)										THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.										 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																																							
STANDARDS GNExCP7-BG UL38 GNExCP7-PT UL38										CHECKED B.ISARD DATE 27-06-2019										MATERIAL																																																																																																			
										APPROVED R.N.POTTS DATE 27-06-2019										ALTERNATIVE MATERIAL																																																																																																			
																														(C) EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE																																																																						TITLE GNExCP7 UL38 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM										SCALE NTS									

1		2		3		4		5		6		7		8		9		10					
DUAL MICROSWITCH DUPLICATED - DIN						SHEET 3				LED Indicator [u]		Module Device Codes		ISSUE		MOD No.		REASON - INITIAL - DATE					
Notes: 1. Other configurations of dual switch units are possible. Contact E2S sales to discuss options.						GNEXCP7-BG[s][t][l][e][m][d][v][o][x][u]-[e][s]		Product Version [v]		Product Option [o]		LED Indicator [u]		Resistor		MOD No.		REASON - INITIAL - DATE					
						Switch Type [s]		Terminals [t]		Product Version [v]		Product Option [o]		LED Indicator [u]		Resistor		MOD No.		REASON - INITIAL - DATE			
						Series		Module [s]		EOL Module [e]		LED Indicator [u]		Resistor		MOD No.		REASON - INITIAL - DATE					
						LED		N/A		L or C		LED Indicator [u]		Resistor		MOD No.		REASON - INITIAL - DATE					
DUAL SWITCH WITH EOL DEVICES DUPLICATED		CONFIG. D3-1		DUAL SWITCH WITH SERIES DEVICES DUPLICATED		CONFIG. D3-2		DUAL SWITCH WITH EOL & SERIES DEVICE DUPLICATED		CONFIG. D3-3		DUAL SWITCH WITH EOL & SERIES DEVICE DUPLICATED		CONFIG. D3-4									
SWITCH TYPE [s]		[D]		Dual		SWITCH TYPE [s]		[D]		Dual		SWITCH TYPE [s]		[D]		Dual		SWITCH TYPE [s]		[D]		Dual	
TERMINALS [t]		[D]		DIN Rail		TERMINALS [t]		[D]		DIN Rail Only		TERMINALS [t]		[D]		DIN Rail Only		TERMINALS [t]		[D]		DIN Rail Only	
PRODUCT VERSION [v]		[2]		Duplicated		PRODUCT VERSION [v]		[2]		Duplicated		PRODUCT VERSION [v]		[2]		Duplicated		PRODUCT VERSION [v]		[Y]		Alt. EOL Pos'n. DUP.	
PRODUCT OPTION [o]		[N]		NO LED		PRODUCT OPTION [o]		[N]		NO LED		PRODUCT OPTION [o]		[N]		NO LED		PRODUCT OPTION [o]		[N]		NO LED	
LED INDICATOR [u]		[Exxxx]		EOL Device		LED INDICATOR [u]		[Sxxxx]		Series Device		LED INDICATOR [u]		[Exxxx][Sxxxx]		EOL + Series		LED INDICATOR [u]		[Exxxx][Sxxxx]		EOL + Series	
EOL MODULE [e]						SERIES MODULE [s]						MODULES [e][s]						MODULES [e][s]					
																							
																							
Circuit shown in Unoperated condition		Unoperated condition (Glass Intact / Standby Condition) Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 open Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 closed		Unoperated condition (Glass Intact / Standby Condition) Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 open Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 closed		Unoperated condition (Glass Intact / Standby Condition) Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 open Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 closed		Unoperated condition (Glass Intact / Standby Condition) Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 open Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 closed		Unoperated condition (Glass Intact / Standby Condition) Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 open Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 closed													
Operated condition (Glass Broken / Button pushed in) Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 open Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 closed		Operated condition (Glass Broken / Button pushed in) Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 open Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 closed		Operated condition (Glass Broken / Button pushed in) Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 open Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 closed		Operated condition (Glass Broken / Button pushed in) Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 open Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 closed		Operated condition (Glass Broken / Button pushed in) Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 open Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 closed		Operated condition (Glass Broken / Button pushed in) Terminals +(1) & -(3) M/S 1 & +(5) & -(7) M/S 2 open Terminals +(1) & -(4) M/S 1 & +(5) & -(8) M/S 2 closed													
DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS		DRAWN R.S.RAIT DATE 27-06-2019		SURFACE FINISH		WEIGHT (Kg)		THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.		 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							
STANDARDS GNExCP7-BG UL38 GNExCP7-PT UL38		CHECKED B.ISARD DATE 27-06-2019		MATERIAL		ALTERNATIVE MATERIAL		EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE		TITLE GNExCP7 UL38 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM		SCALE NTS		SHEET 3 OF 8		DRAWING NUMBER D202-06-201							
		APPROVED R.N.POTTS DATE 27-06-2019																					

1		2		3		4		5		6		7		8		9		10					
DUAL MICROSWITCHES IN PARALLEL - DIN						SHEET 4		LED Indicator [u]		Module Device Codes		ISSUE		MOD No.		REASON - INITIAL - DATE							
Notes: 1. Other configurations of dual switch units are possible. Contact E2S sales to discuss options.						GNEXCP7-BG[s][t][l][e][m][d][v][o][x][u]-[e][s]		LED Indicator [u]		Resistor		4		ACN0178		Wiring options updates to align with standard units RNP 15-04-2025							
						Switch Type [s]		Product Version [v]		Diode		EOL		Series									
						Terminals [t]		Option [o]		Zener Diode		EOL Module [e]		LED									
DUAL SWITCH WITH EOL DEVICE						CONFIG. D7-1		DUAL SWITCH WITH SERIES DEVICES		CONFIG. D7-2		DUAL SWITCH WITH EOL & SERIES DEVICE		CONFIG. D7-3		DUAL SWITCH WITH EOL & SERIES DEVICE		CONFIG. D7-4					
SWITCH TYPE [s] [D] TERMINALS [t] [D] PRODUCT VERSION [v] [F] PRODUCT OPTION [o] [P] LED INDICATOR [u] [N]						Dual DIN Rail UL38 Parallel Wiring No LED		SWITCH TYPE [s] [D] TERMINALS [t] [D] PRODUCT VERSION [v] [F] PRODUCT OPTION [o] [P] LED INDICATOR [u] [N] SERIES MODULE [s] [Sxxxx]		Dual DIN Rail UL38 Parallel Wiring No LED Series Device		SWITCH TYPE [s] [D] TERMINALS [t] [D] PRODUCT VERSION [v] [F] PRODUCT OPTION [o] [P] LED INDICATOR [u] [N] MODULE [e][s] [Exxxx][Sxxxx]		Dual DIN Rail UL38 Parallel Wiring No LED EOL & Series Device		SWITCH TYPE [s] [D] TERMINALS [t] [D] PRODUCT VERSION [v] [F] PRODUCT OPTION [o] [V] LED INDICATOR [u] [N] MODULE [e][s] [Exxxx][Sxxxx]		Dual DIN Rail Only UL38 Alt. EOL Pos'n No LED EOL & Series Devices					
Default link Wire in terminal						Default link wire replaced by Series device in terminal						Default link wire replaced by Series device in terminal						Optional EOL device Placed as shown in terminal					
Circuit shown in Unoperated condition						Circuit shown in Unoperated condition						Circuit shown in Unoperated condition						Circuit shown in Unoperated condition					
Unoperated condition (Glass Intact / Standby Condition) Terminals +(4,5) & -(7,8) open Terminals +(4,5) & (6) closed						Unoperated condition (Glass Intact / Standby Condition) Terminals +(4,5) & -(7,8) open Terminals +(4,5) & (6) closed						Unoperated condition (Glass Intact / Standby Condition) Terminals +(4,5) & -(7,8) open Terminals +(4,5) & (6) closed						Unoperated condition (Glass Intact / Standby Condition) Terminals +(4,5) & -(7,8) open Terminals +(4,5) & (6) closed					
Operated condition (Glass Broken / Button pushed in) Terminals +(4,5) & -(7,8) closed Terminals +(4,5) & (6) open						Operated condition (Glass Broken / Button pushed in) Terminals +(4,5) & -(7,8) closed Terminals +(4,5) & (6) open						Operated condition (Glass Broken / Button pushed in) Terminals +(4,5) & -(7,8) closed Terminals +(4,5) & (6) open						Operated condition (Glass Broken / Button pushed in) Terminals +(4,5) & -(7,8) closed Terminals +(4,5) & (6) open					
DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS						DRAWN R.S.RAIT 27-06-2019		SURFACE FINISH		WEIGHT (Kg)		THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.		e2S warning signals		ALL DIMENSIONS IN MM IF IN DOUBT, ASK - DO NOT SCALE		A3					
STANDARDS GNExCP7-BG UL38 GNExCP7-PT UL38						CHECKED B.ISARD 27-06-2019		MATERIAL				EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE		EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM		TITLE GNExCP7 UL38 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM							
APPROVED R.N.POTTS 27-06-2019						ALTERNATIVE MATERIAL						SCALE NTS		SHEET 4 OF 8		DRAWING NUMBER D202-06-201							

1		2		3		4		5		6		7		8		9		10																																			
SINGLE MICROSWITCH -PCB						SHEET 5						Module Device Codes		ISSUE		MOD No.		REASON - INITIAL - DATE																																			
Diagram						Sheet						Resistor		EOL		Series		4		ACN0178		Wiring options updates to align with standard units RNP 15-04-2025																															
Dual Switch Configurations - PCB						6,7,8						Diode		ED1		SD1																																					
Parallel Dual Switch Configurations - PCB						8						Zener Diode		ExxxZ		SxxxZ																																					
						GNEXCP7-BG[s][t][i][e][m][d][v][o][x][u]-[e][s]						LED Indicator [u]																																									
						Switch Type [s]						Product Version [v]		Product Option [o]		EOL Module [e]																																					
						Terminals [t]																																															
SINGLE SWITCH						CONFIG. P1 -1						SINGLE SWITCH WITH SERIES DEVICE						CONFIG. P1-2						SINGLE SWITCH WITH EOL & SERIES DEVICES						CONFIG. P1-3						SINGLE SWITCH WITH EOL & ALT SERIES DEVICES						CONFIG. P1-4											
SWITCH TYPE [s]						[S]						Single						SWITCH TYPE [s]						[S]						Single						SWITCH TYPE [s]						[S]						Single					
TERMINALS [t]						[P]						PCB Version						TERMINALS [t]						[P]						PCB Version						TERMINALS [t]						[P]						PCB Version					
PRODUCT VERSION [v]						[F]						UL38						PRODUCT VERSION [v]						[F]						UL38						PRODUCT VERSION [v]						[F]						UL38					
PRODUCT OPTION [o]						[1]						Default						PRODUCT OPTION [o]						[1]						Default						PRODUCT OPTION [o]						[W]						Alt. EOL Pos'n.					
LED INDICATOR [u]						[N]						NO LED						LED INDICATOR [u]						[N]						NO LED						LED INDICATOR [u]						[N]						NO LED					
EOL MODULE [e]						[Exxxx]						EOL Device						MODULES [e][s]						[Exxxx][Sxxxx]						EOL + Series						MODULE [e][s]						[Exxxx][Sxxxx]						EOL + Series					
Note :- Use when EOL and/or series devices are fitted during installation, or if no series devices are required.																																																					
Circuit as shown in Unoperated condition						Circuit as shown in Unoperated condition						Circuit as shown in Unoperated condition						Circuit as shown in Unoperated condition																																			
Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 open Terminals +(1) & (2) M/S 1 closed						Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 open Terminals +(1) & (2) M/S 1 closed						Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 open Terminals +(1) & (2) M/S 1 closed						Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 open Terminals +(1) & (2) M/S 1 closed																																			
Operated Condition (Glass Broken / Button pushes in) Terminals +(1) & (2) M/S 1 open Terminals +(1) & -(3) M/S 1 closed						Operated Condition (Glass Broken / Button pushes in) Terminals +(1) & (2) M/S 1 open Terminals +(1) & -(3) M/S 1 closed						Operated Condition (Glass Broken / Button pushes in) Terminals +(1) & (2) M/S 1 open Terminals +(1) & -(3) M/S 1 closed						Operated Condition (Glass Broken / Button pushes in) Terminals +(1) & (2) M/S 1 open Terminals +(1) & -(3) M/S 1 closed																																			
DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS						DRAWN R.S.RAIT DATE 27-06-2019						SURFACE FINISH						WEIGHT (Kg)						THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.						 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					
STANDARDS GNExCP7-BG UL38 GNExCP7-PT UL38						CHECKED B.ISARD DATE 27-06-2019						MATERIAL												EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE												TITLE GNExCP7 UL38 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM																	
						APPROVED R.N.POTTS DATE 27-06-2019						ALTERNATIVE MATERIAL																		SCALE NTS						SHEET 5 OF 8						DRAWING NUMBER D202-06-201											

1		2		3		4		5		6		7		8		9		10																																			
DUAL MICROSWITCH - PCB						SHEET 6						Module Device Codes		ISSUE		MOD No.		REASON - INITIAL - DATE																																			
Notes: 1. Other configurations of dual switch units are possible. Contact E2S sales to discuss options.						GNEXCP7-BG[s][t][l][e][m][d][v][o][x][u][e][s]						Resistor		4		ACN0178		Wiring options updates to align with standard units RNP 15-04-2025																																			
						Switch Type [s]						Product Version [v]		Product Option [o]		LED Indicator [u]		EOL		E0xxR		S0xxR																															
						Terminals [t]						Version [v]		Option [o]		EOL Module [e]		Diode		ED1		SD1																															
																		Zener Diode		E0xxZ		S0xxZ																															
LED														N/A		L or C																																					
DUAL SWITCH						CONFIG. P2-1						DUAL SWITCH WITH EOL & SERIES DEVICES						CONFIG. P2-2						DUAL SWITCH WITH EOL & ALT. SERIES DEVICES						CONFIG. P2-3																							
SWITCH TYPE [s]						[D]						Dual PCB Version						SWITCH TYPE [s]						[D]						Dual PCB Version						SWITCH TYPE [s]						[D]						Dual PCB Version					
TERMINALS [t]						[P]						UL38						TERMINALS [t]						[P]						UL38						TERMINALS [t]						[P]						UL38					
PRODUCT VERSION [v]						[F]						Default						PRODUCT VERSION [v]						[F]						Default						PRODUCT VERSION [v]						[F]						Default					
PRODUCT OPTION [o]						[1]						No LED						PRODUCT OPTION [o]						[W]						Alt. EOL Pos'n.						PRODUCT OPTION [o]						[W]						Alt. EOL Pos'n.					
LED INDICATOR [u]						[N]						EOL + Series						LED INDICATOR [u]						[N]						No LED						LED INDICATOR [u]						[N]						No LED					
MODULES [e][s]						[Exxxx][Sxxxx]						EOL + Series						MODULES [e][s]						[Exxxx][Sxxxx]						EOL + Series						MODULES [e][s]						[Exxxx][Sxxxx]						EOL + Series					
Note :- Use when EOL and/or series devices are fitted during installation, or if no series devices are required.																																																					
Default Link Wire in Terminal						Default Link Wire in Terminal						Default Link Wire in Terminal						Default Link Wire in Terminal																																			
Circuit as shown in Unoperated condition Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 and +(4) & -(6) M/S 2 open Terminals +(1) & (2) M/S 1 and +(4) & (5) M/S 2 closed Operated Condition (Glass Broken / Button pushes in) 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						Circuit as shown in Unoperated condition Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 and +(4) & -(6) M/S 2 open Terminals +(1) & (2) M/S 1 and +(4) & (5) M/S 2 closed Operated Condition (Glass Broken / Button pushes in) 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						Circuit as shown in Unoperated condition Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 and +(4) & -(6) M/S 2 open Terminals +(1) & (2) M/S 1 and +(4) & (5) M/S 2 closed Operated Condition (Glass Broken / Button pushes in) 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						Circuit as shown in Unoperated condition Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 and +(4) & -(6) M/S 2 open Terminals +(1) & (2) M/S 1 and +(4) & (5) M/S 2 closed Operated Condition (Glass Broken / Button pushes in) 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																																			
DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS						DRAWN R.S.RAIT DATE 27-06-2019						SURFACE FINISH						WEIGHT (Kg)						THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT. EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE						 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											
STANDARDS GNExCP7-BG UL38 GNExCP7-PT UL38						CHECKED B.ISARD DATE 27-06-2019						MATERIAL						TITLE GNExCP7 UL38 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM																																			
						APPROVED R.N.POTTS DATE 27-06-2019						ALTERNATIVE MATERIAL																								SCALE NTS						SHEET 6 OF 8						DRAWING NUMBER D202-06-201					

1		2		3		4		5		6		7		8		9		10															
DUAL MICROSWITCH DUPLICATED - PCB						SHEET 7						Module Device Codes				ISSUE		MOD No.		REASON - INITIAL - DATE													
Notes: 1. Other configurations of dual switch units are possible. Contact E2S sales to discuss options.						GNEXCP7-BG[s][t][l][e][m][d][v][o][x][u]-[e][s] Switch Type [s] Terminals [t] Product Version [v] Product Option [o] LED Indicator [u] Series Module [s] EOL Module [e]						EOL		Series		4		ACN0178		Wiring options updates to align with standard units RNP 15-04-2025													
												Resistor		ExxxR		SxxxR																	
												Diode		ED1		SD1																	
												Zener Diode		ExxxZ		SxxxZ																	
LED		N/A		N/A																													
DUAL SWITCH WITH EOL & SERIES DEVICES DUPLICATED						CONFIG. P3-1		DUAL SWITCH WITH EOL & ALT. SERIES DEVICES DUPLICATED						CONFIG. P3-2																			
SWITCH TYPE [s] TERMINALS [t] PRODUCT VERSION [v] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s] [D] [P] [F] [2] [N] [Exxxx][Sxxxx]						Dual PCB Version UL38 Duplicate EOL/Series No LED EOL + Series		SWITCH TYPE [s] TERMINALS [t] PRODUCT VERSION [v] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s] [D] [P] [F] [Y] [N] [Exxxx][Sxxxx]						Dual PCB Version UL38 Alt. EOL Pos'n, duplicated No LED EOL + Series																			
DIODE ZENER DIODE M/S 2 M/S 1 SERIES 2 SERIES 1 EOL 2 EOL 1 Circuit as shown in Unoperated condition Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 and +(4) & -(6) M/S 2 open Terminals +(1) & (2) M/S 1 and +(4) & (5) M/S 2 closed Operated Condition (Glass Broken / Button pushes in) 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						M/S 2 M/S 1 SERIES 2 SERIES 1 EOL 2 EOL 1 Circuit as shown in Unoperated condition Unoperated Condition (Glass Intact / Standby Condition) Terminals +(1) & -(3) M/S 1 and +(4) & -(6) M/S 2 open Terminals +(1) & (2) M/S 1 and +(4) & (5) M/S 2 closed Operated Condition (Glass Broken / Button pushes in) 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																											
DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS						DRAWN R.S.RAIT DATE 27-06-2019		SURFACE FINISH		WEIGHT (Kg)		THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT. EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE						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					
STANDARDS GNExCP7-BG UL38 GNExCP7-PT UL38						CHECKED B.ISARD DATE 27-06-2019		MATERIAL		TITLE GNExCP7 UL38 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM														SCALE NTS		SHEET 7 OF 8		DRAWING NUMBER D202-06-201					
APPROVED R.N.POTTS DATE 27-06-2019						ALTERNATIVE MATERIAL																											

1		2		3		4		5		6		7		8		9		10	
DUAL MICROSWITCH IN PARALLEL - PCB								SHEET 8											
								GNEXCP7-BG[s][t][l][e][m][d][v][o][x][u]-[e][s] Switch Type [s] Terminals [t] Product Version [v] Product Option [o] EOL Module [e] LED Indicator [u] Series Module [s]											
								Module Device Codes Resistor EOL Series Diode ED1 SD1 Zener Diode ExxxZ SxxxZ LED N/A N/A											
								ISSUE 4 MOD No. ACN0178 REASON - INITIAL - DATE Wiring options updates to align with standard units RNP 15-04-2025											
DUAL SWITCH PARALLEL				CONFIG. P7-1		DUAL SWITCH, PARALLEL WITH EOL & SERIES DEVICES				CONFIG. P7-2		DUAL SWITCH, PARALLEL WITH EOL & ALT. SERIES DEVICES				CONFIG. P7-3			
SWITCH TYPE [s] [D] TERMINALS [t] [P] PRODUCT VERSION [v] [F] PRODUCT OPTION [o] [P] LED INDICATOR [u] [N]				Dual PCB Version UL38 Parallel Wiring No LED		SWITCH TYPE [s] [D] TERMINALS [t] [P] PRODUCT VERSION [v] [F] PRODUCT OPTION [o] [P] LED INDICATOR [u] [N] MODULES [e][s] [Exxxx][Sxxxx]				Dual PCB Version UL38 Parallel Wiring No LED EOL + Series		SWITCH TYPE [s] [D] TERMINALS [t] [P] PRODUCT VERSION [v] [F] PRODUCT OPTION [o] [V] LED INDICATOR [u] [N] MODULES [e][s] [Exxxx][Sxxxx]				Dual PCB Version UL38 Parallel Wiring Alt. EOL Pos'n. No LED EOL + Series			
Note :- Use when EOL and/or series devices are fitted during installation, or if no series devices are required.																			