

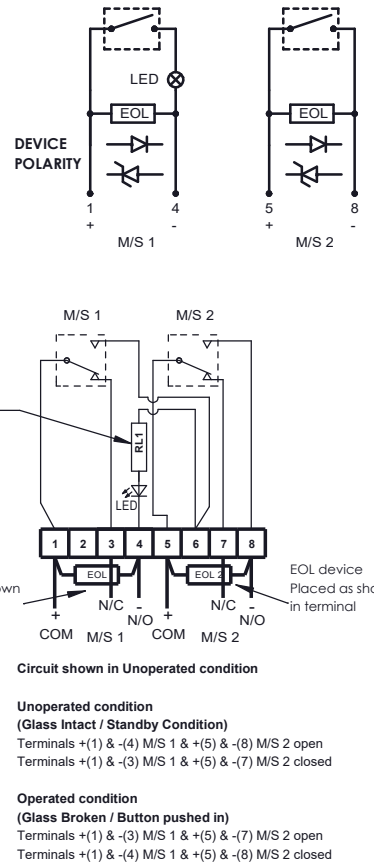
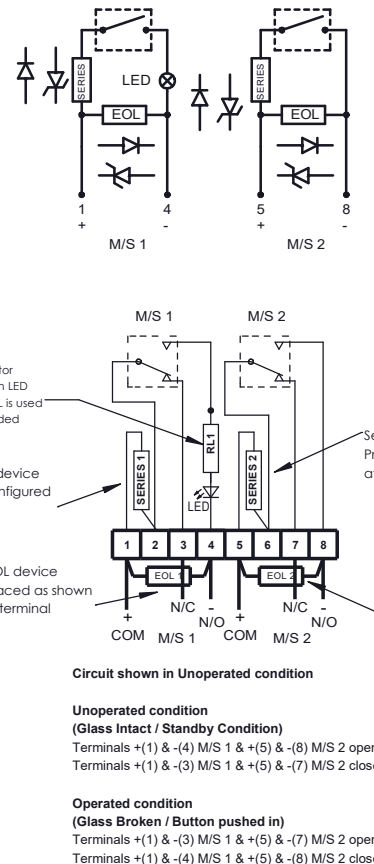
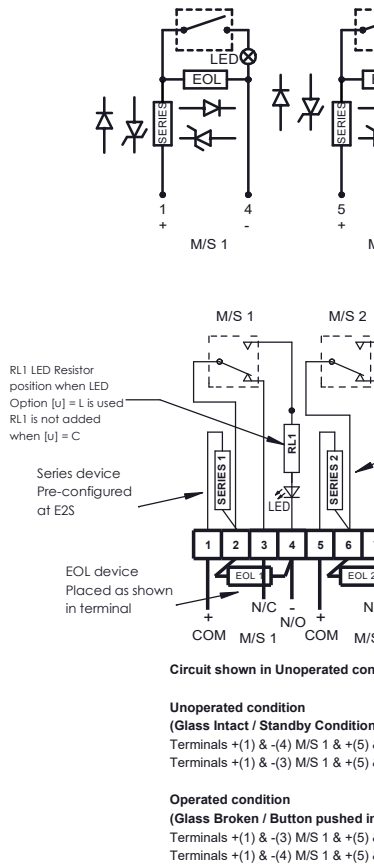
1										2										3										4										5										6										7										8										9										10																													
SINGLE MICROSWITCH DEVICES										SHEET 1										GNEXCP7-BG[s][t][l][l][e][m][d][v][o][x][u]-[e][s]										LED Indicator [u]										Module Device Codes										ISSUE										MOD No.										REASON - INITIAL - DATE																																																	
Diagram										Sheet										Switch Type [s]										Product Version [v]										Product Option [o]										EOL Module [e]										Resistor										EOL										Series										7										ACN0178										Correction to LED wiring in option W RNP 15-04-2025									
Dual Switch Wiring Configurations										2,3,5,6,7,8										Terminals [t]										LED Indicator Wiring Configurations										4,5,6,8										Diode										ED1										SD1										8										ACN0187										LED put on N/C side of circuit, note on LED LD1 detailed RNP 28-05-2025																			
Parallel Dual Switch Wiring Configurations										7, 8										LED										N/A										L or C																																																																															
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 OPTION [o]										[1]										Default										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										LED INDICATOR [u]										[N]										NO LED									
SERIES MODULE [s]										[Sxxxx]										Series Device										SERIES MODULE [s]										[Sxxxx]										Series Device										SERIES MODULE [s]										[Sxxxx]										Series Device										SERIES MODULE [s]										[Sxxxx]										Series Device									
Note :- Use when EOL and/or series devices are fitted during installation, or if no series devices are required.																																																																																																																							
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 ANGULAR DIMENSIONAL TOLS										DRAWN R.S.RAIT DATE 05-03-2020										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 ; STExCP8 ; WP7 units with DIN Rail										CHECKED B.ISARD DATE 05-03-2020										MATERIAL										ALTERNATIVE MATERIAL										EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE																				TITLE GNExCP7 ; STExCP8 ; WP7 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM																																																											
										APPROVED R.N.POTTS DATE 05-03-2020																																								SCALE NTS										SHEET 1 OF 8										DRAWING NUMBER D202-06-211																																																	

	1	2	3	4	5	6	7	8	9	10				
DUAL MICROSWITCH DEVICES				SHEET 2		Module Device Codes			ISSUE					
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]			MOD No.			REASON - INITIAL - DATE				
				Switch Type [s] Terminals [t]			Product Version [v]			EOL			7	
				Product Option [o]			Product Option [o]			Series			ACN0178	
				LED Indicator [u]			LED Indicator [u]			LED			8	
				Series Module [s] EOL Module [e]			Resistor Diode Zener Diode LED			ACN0187				
							EOL SD1 ExxxZ N/A			Correction to LED wiring in option W RNP 15-04-2025 LED put on N/C side of circuit, note on LED LD1 detailed RNP 28-05-2025				
DUAL SWITCH WITH EOL DEVICE		CONFIG. D2-1	DUAL SWITCH WITH SERIES DEVICES		CONFIG. D2-2	DUAL SWITCH WITH EOL & SERIES DEVICES		CONFIG. D2-3	DUAL SWITCH WITH EOL & SERIES DEVICES		CONFIG. D2-4			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u]		[D] [D] [1] [N]	Dual DIN Rail Default NO LED		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Exxxx][Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] SERIES MODULE [s]		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED EOL + Series		[D] [D] [W] [N] [Sxxxx]			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]		[D] [D] [1] [N] [Exxxx][Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N] [Sxxxx]	Dual DIN Rail Only Default NO LED Series Device		[D] [D] [1] [N]						

1		2		3		4		5		6		7		8		9		10											
DUAL MICROSWITCH DEVICES DUPLICATED						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][i][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]		Resistor		EOL		Series			
																						Diode		ED1		SD1			
																						Zener Diode		ExxxZ		SxxxZ			
																						LED		N/A		L or C			
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			
TERMINALS [t]				[D]		DIN Rail				TERMINALS [t]				[D]		DIN Rail Only				TERMINALS [t]				[D]		DIN Rail Only			
PRODUCT OPTION [o]				[2]		Duplicated				PRODUCT OPTION [o]				[2]		Duplicated				PRODUCT OPTION [o]				[Y]		Alt. EOL Pos'n. DUP.			
LED INDICATOR [u]				[N]		NO LED				LED INDICATOR [u]				[N]		NO LED				LED INDICATOR [u]				[N]		NO LED			
EOL MODULE [e]				[Exxxx]		EOL Device				SERIES MODULE [s]				[Sxxxx]		Series Device				MODULES [e][s]				[Exxxx][Sxxxx]		EOL + Series			
				M/S 1		M/S 2						M/S 1		M/S 2						M/S 1		M/S 2							
				COM		M/S 1						COM		M/S 1						COM		M/S 1							
Circuit shown in Unoperated condition								Circuit shown in Unoperated condition								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													
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 D.HOWGILL 05-03-2020		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 ; STExCP8 ; WP7 units with DIN Rail				CHECKED R.N.POTTS 05-03-2020		MATERIAL		TITLE GNExCP7 ; STExCP8 ; WP7 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM										SCALE NTS		SHEET 3 OF 8		DRAWING NUMBER D202-06-211							
APPROVED R.N.POTTS 05-03-2020						ALTERNATIVE MATERIAL																							

1		2		3		4		5		6		7		8		9		10											
SINGLE MICROSWITCH LED DEVICES						SHEET 4						Module Device Codes		ISSUE	MOD No.	REASON - INITIAL - DATE													
						GNEXCP7-BG[s][t][l][e][m][d][v][o][x][u]-[e][s]						EOL		Series		7	ACN0178	Correction to LED wiring in option W RNP 15-04-2025											
						Switch Type [s] Terminals [t] Product Version [v] Product Option [o] LED Indicator [u] Series Module [s] EOL Module [e]						Resistor Diode Zener Diode LED		ExxxR ED1 ExxxZ N/A		SxxxR SD1 SxxxZ L or C		8	ACN0187	LED put on N/C side of circuit, note on LED LD1 detailed RNP 28-05-2025									
SINGLE SWITCH WITH LED ONLY				CONFIG. D4-1		SINGLE SWITCH WITH LED & EOL DEVICE				CONFIG. D4-2		SINGLE SWITCH WITH LED EOL & SERIES DEVICES				CONFIG. D4-3		SINGLE SWITCH WITH LED, EOL & ALT. SERIES DEVICE				CONFIG. D4-4							
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u]				[S] [D] [1] [L] Single DIN Rail Default LED with RL1		SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] SERIES MODULE [e]				[S] [D] [1] [L] [Exxxx] Single DIN Rail Default LED with RL1 EOL Device		SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] EOL MODULE [e][s]				[S] [D] [1] [L] [Exxxx][Sxxx] Single DIN Rail Default LED with RL1 EOL + Series Device		SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]				[S] [D] [W] [L] [Exxxx][Sxxx] Single DIN Rail Alt. EOL Pos'n. LED with RL1 EOL + Series Device							
Notes - For all LED Options: 1) The LED is configured as LED indicator option 'C' for this version the LED must be protected by a series resistor of a minimum value of 1.5K Ohm or by limiting the systems current to 20mA max 2) Units have the option to add the LED current-limiting resistor RL1 LED indicator option 'L' which is 1.5K Ohms. 3) Note that in both cases the total value of the series resistors and if fitted RL1 will impact the brightness of the LED.																													
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 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS				DRAWN DATE D.HOWGILL 05-03-2020		SURFACE FINISH WEIGHT (Kg)		MATERIAL				ALTERNATIVE MATERIAL				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 ; STExCP8 ; WP7 units with DIN Rail				CHECKED DATE R.N.POTTS 05-03-2020		APPROVED DATE R.N.POTTS 05-03-2020		TITLE GNExCP7 ; STExCP8 ; WP7 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM				SCALE SHEET DRAWING NUMBER NTS 4 OF 8 D202-06-211																	

	1	2	3	4	5	6	7	8	9	10
A	DUAL MICROSWITCH LED DEVICES			SHEET 5						
	GNEXCP7-BG[s][t][l][e][m][d][v][o][x][u]-[e][s]				LED Indicator [u]			Module Device Codes		
	Switch Type [s] Terminals [t] Product Version [v] Product Option [o] EOL Module [e]				Series Module [s]			ISSUE MOD No. REASON - INITIAL - DATE		
					Resistor ExxxR SxxxR			7 ACN0178 Correction to LED wiring in option W RNP 15-04-2023		
					Diode ED1 SD1			8 ACN0187 LED put on N/C side of circuit, note on LED LD1 detailed RNP 28-05-2023		
					Zener Diode ExxxZ SxxxZ					
					LED N/A L or C					
B	DUAL SWITCH WITH LED	CONFIG. D5-1	DUAL SWITCH WITH LED & EOL DEVICES	CONFIG. D5-2	DUAL SWITCH WITH LED EOL & SERIES DEVICES	CONFIG. D5-3	DUAL SWITCH WITH LED, EOL & ALT. SERIES DEVICE	CONFIG. D5-4		
C	SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u]	[D] Dual [D] DIN Rail Only [1] Default [L] LED with RL1	SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] EOL MODULE [e]	[D] Dual [D] DIN Rail Only [1] Default [L] LED with RL1 [ExxxR] EOL Device	SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] SERIES MODULE [s]	[D] Dual [D] DIN Rail Only [1] Default [L] LED with RL1 [Sxxxx] Series Device	SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]	[D] Dual [D] DIN Rail Only [W] Alt. EOL Pos'n. [L] LED with RL1 [Exxxx][Sxxxx] EOL + Series		
D									Notes - For all LED Options: 1) The LED is configured as LED indicator option 'C' for this version the LED must be protected by a series resistor of a minimum value of 1.5K Ohm or by limiting the systems current to 20mA max 2) Units have the option to add the LED current-limiting resistor RL1 LED indicator option 'L' which is 1.5K Ohms. 3) Note that in both cases the total value of the series resistors and if fitted RL1 will impact the brightness of the LED.	
E	 RL1 LED Resistor position when LED Option [u] = L is used RL1 is not added when [u] = C		 RL1 LED Resistor position when LED Option [u] = L is used RL1 is not added when [u] = C		 RL1 LED Resistor position when LED Option [u] = L is used RL1 is not added when [u] = C		 RL1 LED Resistor position when LED Option [u] = L is used RL1 is not added when [u] = C			
F	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 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		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 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		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 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		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 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			
G	DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS		DRAWN DATE D.HOWGILL 05-03-2020		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.		ALL DIMENSIONS IN MM IF IN DOUBT, ASK - DO NOT SCALE	
	STANDARDS		CHECKED DATE R.N.POTTS 05-03-2020		MATERIAL		EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE		TITLE GNExCp7 ; STExCp8 ; WP7 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM	
			APPROVED DATE R.N.POTTS 05-03-2020		ALTERNATIVE MATERIAL		C		SCALE SHEET DRAWING NUMBER NTS 5 OF 8 D202-06-211	

1			2			3			4			5			6			7			8			9			10																																																																																												
DUAL MICROSWITCH LED & DEVICES DUPLICATED									SHEET 6									Module Device Codes			ISSUE			MOD No.			REASON - INITIAL - DATE																																																																																												
									GNEXCP7-BG[s][t][l][e][m][d][v][o][x][u]-[e][s]									LED Indicator [u]			Resistor			EOL			Series			7			ACN0178			Correction to LED wiring in option W RNP 15-04-2025																																																																																			
									Switch Type [s] Terminals [t]									Product Version [v]			Product Option [o]			Series Module [s]			Diode			ED1			SD1			8			ACN0187			LED put on N/C side of circuit, note on LED LD1 detailed RNP 28-05-2025																																																																													
									EOL Module [e]															Zener Diode			ExxxZ			SxxxZ																																																																																									
									LED			N/A			L or C																																																																																																								
DUAL SWITCH WITH LED & EOL DEVICE									CONFIG. D6-1			DUAL SWITCH WITH LED & SERIES DEVICE									CONFIG. D6-2			DUAL SWITCH WITH LED, EOL & SERIES DEVICE									CONFIG. D6-3																																																																																						
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] EOL MODULE [e]									[D] [D] [2] [L] [ExxxR]			Dual DIN Rail Only Duplicated EOL LED with RL1 EOL Device									SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] SERIES MODULE [s]									[D] [D] [2] [L] [Sxxxx]			Dual DIN Rail Only Duplicated EOL / SERIES LED with RL1 Series Device									SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULES [e][s]									[D] [D] [Y] [L] [Exxxx][Sxxxx]			Dual DIN Rail Only Alt. EOL Pos'n. DUPLICATED LED with RL1 EOL + Series																																																																	
Notes - For all LED Options: 1) The LED is configured as LED indicator option 'C' for this version the LED must be protected by a series resistor of a minimum value of 1.5K Ohm or by limiting the systems current to 20mA max 2) Units have the option to add the LED current-limiting resistor RL1 LED indicator option 'L' which is 1.5K Ohms. 3) Note that in both cases the total value of the series resistors and if fitted RL1 will impact the brightness of the LED.																																																																																																																							
DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS										DRAWN D.HOWGILL 05-03-2020 CHECKED R.N.POTTS 05-03-2020 APPROVED R.N.POTTS 05-03-2020										SURFACE FINISH MATERIAL ALTERNATIVE MATERIAL										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 TITLE GNExCP7 ; STExCP8 ; WP7 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM SCALE NTS SHEET 6 OF 8 DRAWING NUMBER D202-06-211																																																																					

1		2		3		4		5		6		7		8		9		10							
DUAL MICROSWITCHES IN PARALLEL						SHEET 7				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]		EOL Module [e]		Resistor		EOL		Series							
						Switch Type [s]		Terminals [t]		Diode		ED1		SD1		7		ACN0178		Correction to LED wiring in option W RNP 15-04-2025					
										Zener Diode		ExxxZ		SxxxZ		8		ACN0187		LED put on N/C side of circuit, note on LED LD1 detailed RNP 28-05-2025					
										LED		N/A		L or C											
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]		Dual				SWITCH TYPE [s]		[D]		Dual				SWITCH TYPE [s]		[D]		Dual			
TERMINALS [t]				[D]		DIN Rail				TERMINALS [t]		[D]		DIN Rail				TERMINALS [t]		[D]		DIN Rail Only			
PRODUCT OPTION [o]				[P]		Parallel Wiring				PRODUCT OPTION [o]		[P]		Parallel Wiring				PRODUCT OPTION [o]		[V]		Alt. EOL Pos'n			
LED INDICATOR [u]				[N]		No LED				LED INDICATOR [u]		[N]		No LED				LED INDICATOR [u]		[N]		No LED			
						SERIES MODULE [s]				[Sxxxx]		Series Device				MODULE [e][s]		[Exxxx][Sxxxx]		EOL & Series Devices					
Default link Wire 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						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						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						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							
DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS				DRAWN D.HOWGILL 05-03-2020		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 ; STExCP8 ; WP7 units with DIN Rail				CHECKED R.N.POTTS 05-03-2020		MATERIAL				 EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE				TITLE GNEXCP7 ; STExCP8 ; WP7 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM											
				APPROVED R.N.POTTS 05-03-2020		ALTERNATIVE MATERIAL								SCALE NTS				SHEET 7 OF 8		DRAWING NUMBER D202-06-211					

1		2		3		4		5		6		7		8		9		10							
DUAL MICROSWITCHES IN PARALLEL, LED & DEVICES						SHEET 8				Module Device Codes		ISSUE		MOD No.		REASON - INITIAL - DATE									
										EOL		Series		7		ACN0178		Correction to LED wiring in option W RNP 15-04-2025							
										Resistor		ExxxR		SxxxR		8		ACN0187		LED put on N/C side of circuit, note on LED LD1 detailed RNP 28-05-2025					
										Diode		ED1		SD1											
										Zener Diode		ExxxZ		SxxxZ											
										LED		N/A		L or C											
DUAL SWITCH WITH LED				CONFIG. D8-1		DUAL SWITCH WITH LED & EOL DEVICE				CONFIG. D8-2		DUAL SWITCH WITH EOL & SERIES DEVICE				CONFIG. D8-3		DUAL SWITCH WITH EOL & SERIES DEVICE				CONFIG. D8-4			
SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u]				[D] [D] [P] [L] Dual DIN Rail Parallel Wiring LED with RL1		SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] EOL MODULE [e]				[D] [D] [P] [L] [Exxxx] Dual DIN Rail Parallel Wiring LED with RL1 EOL Device		SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULE [e][s]				[D] [D] [P] [L] [Exxxx][Sxxxx] Dual DIN Rail Only Parallel Wiring LED with RL1 EOL + Series		SWITCH TYPE [s] TERMINALS [t] PRODUCT OPTION [o] LED INDICATOR [u] MODULE [e][s]				[D] [D] [V] [L] [Exxxx][Sxxxx] Dual DIN Rail Only Parallel Wiring Alt. EOL LED with RL1 EOL + Series			
Notes - For all LED Options: 1) The LED is configured as LED indicator option 'C' for this version the LED must be protected by a series resistor of a minimum value of 1.5K Ohm or by limiting the systems current to 20mA max 2) Units have the option to add the LED current-limiting resistor RL1 LED indicator option 'L' which is 1.5K Ohms. 3) Note that in both cases the total value of the series resistors and if fitted RL1 will impact the brightness of the LED.																									
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 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS				DRAWN D.HOWGILL DATE 05-03-2020		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 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 ; STExCP8 ; WP7 units with DIN Rail				CHECKED R.N.POTTS DATE 05-03-2020		MATERIAL				EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE								TITLE GNExCP7 ; STExCP8 ; WP7 CALL POINT WIRING / CIRCUIT OPERATION DIAGRAM							
				APPROVED R.N.POTTS DATE 05-03-2020		ALTERNATIVE MATERIAL												SCALE NTS		SHEET 8 OF 8		DRAWING NUMBER D202-06-211			