

DCC DOCUMENT ISSUE DATE:2021/10/26												7	6	5	4	3	2	1																																																																									
WH58M- X X X X XX / XXXXXX 2																																																																																											
<table><tr><th>SWITCH FUNCTION CODE</th><th>SWITCH FUNCTION DESCRIPTION</th><th>HOUSING MATERIAL CODE</th><th>HOUSING DECSRIPTION</th><th>ILLU. TYPE CODE</th><th>ILLUMINATION TYPE DESCRIPTION</th><th>LED COLOR CODE</th><th>LED COLOR</th><th>LED INLET VOLTAGE CODE</th><th>LED INLET VOLTAGE</th><th>16 SERIES SWITCH CODE</th><th>16 SERIES SWITCH</th></tr><tr><td>1</td><td>MECHANICAL,MOMENTARY</td><td>1</td><td>STAINLESS STEEL</td><td>0</td><td>NON.-LIT.</td><td>N</td><td>NONE</td><td>IF BLANK*</td><td>(SEE NOTE)</td><td>4044</td><td>16-4044</td></tr><tr><td>2</td><td>MECHANICAL,MAINTAINED</td><td>2</td><td>ALUMINUM</td><td>1</td><td>--</td><td>G</td><td>GREEN</td><td>05</td><td>5V</td><td>40443</td><td>16-40443</td></tr><tr><td colspan="4" rowspan="5"></td><td>2</td><td>RING ILLUMINATION</td><td>R</td><td>RED</td><td>12</td><td>12V</td><td>530004</td><td>16-530004</td></tr><tr><td>3³</td><td>POWER/SYANDBY SYMBOL ILLUMINATION</td><td>A</td><td>AMBER</td><td>24</td><td>24V</td><td>50443</td><td>16-50443</td></tr><tr><td>R</td><td>RED BUTTON, NON-LIT.</td><td>B</td><td>BLUE</td><td colspan="2" rowspan="4"></td></tr><tr><td colspan="2"></td><td>W</td><td>WHITE</td></tr><tr><td colspan="2"></td><td>Y</td><td>YELLOW</td></tr><tr><td colspan="2"></td><td>RB</td><td>RED/BLUE</td></tr><tr><td colspan="2"></td><td>RG</td><td>RED/GREEN</td></tr></table>												SWITCH FUNCTION CODE	SWITCH FUNCTION DESCRIPTION	HOUSING MATERIAL CODE	HOUSING DECSRIPTION	ILLU. TYPE CODE	ILLUMINATION TYPE DESCRIPTION	LED COLOR CODE	LED COLOR	LED INLET VOLTAGE CODE	LED INLET VOLTAGE	16 SERIES SWITCH CODE	16 SERIES SWITCH	1	MECHANICAL,MOMENTARY	1	STAINLESS STEEL	0	NON.-LIT.	N	NONE	IF BLANK*	(SEE NOTE)	4044	16-4044	2	MECHANICAL,MAINTAINED	2	ALUMINUM	1	--	G	GREEN	05	5V	40443	16-40443					2	RING ILLUMINATION	R	RED	12	12V	530004	16-530004	3 ³	POWER/SYANDBY SYMBOL ILLUMINATION	A	AMBER	24	24V	50443	16-50443	R	RED BUTTON, NON-LIT.	B	BLUE					W	WHITE			Y	YELLOW			RB	RED/BLUE			RG	RED/GREEN		
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MECHANICAL CHARACTERISTICS: SWITCH CIRCUITRY: SPDT-DB SWITCH ACTION: MOMENTARY AND MAINTAINED (PER CHART) OPERATING FORCE: 18.5 oz NOMINAL (WITH T16 SWITCH) PANEL THICKNESS: .050 - .197 [1.3 - 5.0mm] OTHERS: REFER TO ITW SWITCHES 16 SERIES NUT TORQUE FORCE: MAX 10 LB/in [11.5 kgf/cm] ² ENVIROMENTAL SPECIFICATIONS: ACTUATOR INGRESS PROTECTION: IP67 MECHANICAL OPERATING TEMPERATURE: MOMENTARY: -40°F to +185°F [-40°C to +85°C] ² MAINTAINED: -40°F to +149°F [-40°C to +65°C] ² OPERATING TEMPERATURE: -13°F to +185°F [-25°C to +85°C] ELECTRICAL SPECIFICATIONS: (REFER TO ITW SWITCHES 16 SERIES) LED SPECIFICATIONS: CONTINUOUS FORWARD CURRENT, TYP: 20 mA CONTINUOUS FORWARD CURRENT, MAX: 30 mA ACTUATOR LIFE: MOMENTARY: 500,000 CYCLES NOMINAL ² MAINTAINED : 50,000 CYCLES NOMINAL ² NOTE: 1. CURRENT LIMITING RESISTOR IS REQUIRED TO LIMIT LED FORWARD CURRENT TO 20mA. 2. LED FORWARD VOLTAGE: RED, AMBER, YELLOW : 1.6~2.0 VDC GREEN, BLUE, WHITE : 2.8~3.4 VDC 3. SUPPLY HEX NUT AND SEALING WASHER BULK PACKED.																																																																																											
Ø19.2 METAL BUTTON NON-ILLUMINATION Ø19.2 METAL BUTTON NON-ILLUMINATION (RED BUTTON) Ø15.7 METAL PAD RING ILLUMINATION ² Ø15.7 METAL PAD POWER ILLUMINATION 25.00 HEX NUT 28.87																																																																																											
Ø25.0 39.7 ITW SWITCHES 16 SERIES THE LENGTH OF TERMINALS: PLEASE REFER ITW 16 SERIES SWITCH 2.14(2) 2.80X0.51 (2) 1.04(2) 31.3 3.00 6.32 TYP M22X1.0 THREAD SEALING WASHER (SUPPLIED IN BULK) SPECIAL HEX NUT (SUPPLIED IN BULK) 5.94 REF. LED TERMINAL WHEN ILLUMINATION 21.05±0.10 Ø22.15±0.10 ⁴ RECOMMENDED PANEL CUT-OUT NONE ILLUMINATION SCALE 2:3 RING ILLUMINATION SCALE 2:3 NONE ILLUMINATION-RED BUTTON SCALE 2:3 ³ POWER/STANDBY ILLUMINATION SCALE 2:3																																																																																											
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