

INCH-POUND
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MIL-PRF-22885G  
SUPPLEMENT 1  
21 January 2005

PERFORMANCE SPECIFICATION

SWITCH, PUSH BUTTON, ILLUMINATED  
GENERAL SPECIFICATION FOR

This supplement forms a part of MIL-PRF-22885G, dated 21 January 2005.

SPECIFICATION SHEETS

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|----------------------------|--|
| * MIL-S-22885/1H           | SWITCH, PUSH BUTTON, ILLUMINATED LENSES (SCREW-IN, T-1-3/4 MFB LAMP)   |
| * MIL-S-22885/8H           | SWITCH, PUSH BUTTON, ILLUMINATED, MOMENTARY AND PUSH-PULL, 2 CIRCUIT, 5 AMPERES                                  |
| MIL-PRF-22885/9L           | SWITCH, PUSH BUTTON, ILLUMINATED, 4-LAMP, SOLID MOUNT, (MODULAR CONSTRUCTED)                                     |
| MIL-PRF-22885/10J          | SWITCH, PUSH BUTTON, ILLUMINATED, INDICATOR LIGHT FOR, MODULAR, 4-LAMP   |
| MIL-PRF-22885/11H          | SWITCH, PUSH BUTTON, ILLUMINATED, MODULAR SWITCH ASSEMBLIES FOR  |
| MIL-PRF-22885/12G          | SWITCH, SUBASSEMBLY, COLOR FILTERS (FOR SWITCH, PUSH BUTTON, ILLUMINATED)  |
| MIL-PRF-22885/13K          | SWITCH, SUBASSEMBLY, BOOT, DRIPPROOF PANEL SEAL (FOR ILLUMINATED PUSH BUTTON SWITCH)                             |
| * MIL-PRF-22885/15E        | SWITCH, PUSH BUTTON, ILLUMINATED, 4-LAMP, CLIP MOUNTED (MODULAR CONSTRUCTED)                                     |
| MIL-PRF-22885/16E          | SWITCH, PUSH BUTTON, ILLUMINATED, 4-LAMP, CLIP MOUNTED, LIGHT MODULE FOR   |
| MIL-PRF-22885/18H          | SWITCH, PUSH BUTTON, ILLUMINATED, DRIP PROOF SEAL, MOMENTARY AND ALTERNATE ACTION (DPDT/TWO CIRCUIT - 2 AMPERES) |
| MIL-PRF-22885/52C          | SWITCH, PUSHBUTTON, ILLUMINATED, PUSHBUTTON FOR (WITH PLANAR COLOR FILTERS)                                      |
| MIL-PRF-22885/53D          | SWITCH, PUSH BUTTON, ILLUMINATED, PUSHBUTTON FOR (WITH LAMP-CAP COLOR FILTERS)                                   |
| MIL-PRF-22885/54E          | SWITCH, PUSHBUTTON, ILLUMINATED, COLOR FILTER FOR, PLANAR DESIGN   |
| MIL-PRF-22885/55G          | SWITCH, PUSHBUTTON, ILLUMINATED, COLOR FILTER FOR, LAMP-CAP DESIGN   |
| MIL-PRF-22885/56G          | SWITCH, PUSH BUTTON, ILLUMINATED, 2PDT, 4PDT AND INDICATOR ASSEMBLIES, 4-LAMP, SOLID MOUNTING                    |
| MIL-PRF-22885/58H          | SWITCH, PUSH BUTTON, ILLUMINATED, 2-LAMP, SOLID MOUNT, 3 AMPERES, UNSEALED                                       |
| MIL-PRF-22885/59E          | SWITCH, PUSH BUTTON, ILLUMINATED, 2-LAMP, LENS ARRANGEMENTS FOR  |
| * Inactive for new design. |  |

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MIL-PRF-22885/67G	SWITCHES, PUSH BUTTON, ILLUMINATED, 4 LAMP, 0.75 SQUARE, 7 AMPERES, ELECTROMAGNETIC INTERFERENCE SHIELDED, SUNLIGHT READABLE
MIL-PRF-22885/71C	SWITCHES, PUSH BUTTON, ILLUMINATED, 7 AMPERES AND LOW LEVEL, 4-LAMP, RFI SHIELDED, SOLID MOUNT
MIL-PRF-22885/74H	SWITCH, PUSHBUTTON, ILLUMINATED, 4-LAMP, SOLID MOUNT, PLUG-IN MODULE (INSERTABLE TYPE TERMINATION)
MIL-PRF-22885/75E	SWITCHES, PUSHBUTTON, ILLUMINATED, 4-LAMP, 0.87 SQUARE, 7 AMPERES, ELECTROMAGNETIC INTERFERENCE SHIELDED
MIL-PRF-22885/77D	SWITCHES, PUSH BUTTON, ILLUMINATED, 4-LAMP, 0.75 SQUARE, 7.5 AMPERES, AND LOW LEVEL INTEGRATED WIRE TERMINATION, ELECTROMAGNETIC INTERFERENCE SHIELDED, SUNLIGHT READABLE
MIL-PRF-22885/79D	SWITCHES, PUSH BUTTON, ILLUMINATED, MOMENTARY, SPDT AND DPDT, ONE LAMP, 7 AMPERE SILVER CONTACTS, 1 AMPERE GOLD CONTACT
MIL-PRF-22885/80G	SWITCH, PUSHBUTTON, ILLUMINATED, 4-LAMP SOLID MOUNT, RFI SHIELDED, MOISTURE SEALED, HIGH IMPACT SHOCK RESISTANT
* MIL-PRF-22885/81A	SWITCHES, PUSH BUTTON, ILLUMINATED, 5 AMPERES, 1-LAMP, DRIPPROOF
MIL-PRF-22885/82C	SWITCH, PUSH BUTTON, ILLUMINATED, LENS ASSEMBLIES FOR, .665 SQ AND .916 LG X .665 WIDE
* MIL-PRF-22885/83E	SWITCH, PUSH BUTTON, ILLUMINATED, (2.330 LONG X .750 SQUARE)
MIL-PRF-22885/85D	SWITCH, PUSH BUTTON, ILLUMINATED, LENS PLATE FOR, 1.030 LONG X .730 WIDE
MIL-PRF-22885/86C	SWITCH, PUSH BUTTON, ILLUMINATED, 4 LAMP, .870 SQUARE, 2 AMPERES, 2PDT AND 4PDT, PLUG-IN MODULE, EMI/RFI SHIELDING
MIL-PRF-22885/87C	SWITCH, PUSH BUTTON, ILLUMINATED, 4 LAMP, SOLID MOUNT, MODULAR CONSTRUCTED, HIGH IMPACT SHOCK
MIL-PRF-22885/88C	SWITCH, PUSH BUTTON, ILLUMINATED, HIGH IMPACT SHOCK, MODULAR SWITCH ASSEMBLIES FOR
* MIL-PRF-22885/89B	SWITCH, PUSHBUTTON, ILLUMINATED, SINGLE LAMP, 7 AMPERES, MOMENTARY ACTION
MIL-PRF-22885/90C	SWITCH, PUSHBUTTON, ILLUMINATED, 4-LAMP, 0.750 SQUARE, LOW LEVEL TO 7 AMPERES, (DRIPPROOF, EMI/RFI SHIELDING, NIGHT VISION GOGGLE COMPATIBLE)
MIL-PRF-22885/91C	SWITCH, PUSH BUTTON, ILLUMINATED, ROCKER, PADDLE, SOLID STATE HALL EFFECT, UNSEALED
MIL-PRF-22885/92B	SWITCH, PUSHBUTTON, ILLUMINATED, ROCKER, PADDLE, POWER DUTY, UNSEALED
MIL-PRF-22885/93C	SWITCH, PUSHBUTTON, ILLUMINATED, ROCKER, PADDLE, LOGIC LOAD TO 3 AMPERES, UNSEALED
* MIL-PRF-22885/96C	SWITCHES, PUSHBUTTON, ILLUMINATED, 4-LAMP, RFI SHIELDED
MIL-PRF-22885/99B	SWITCH, PUSH BUTTON, ILLUMINATED, PUSH BUTTONS FOR (SNAP-IN AND SCREW-IN)
* MIL-S-22885/100A	SWITCH, PUSH BUTTON, ILLUMINATED, 4-LAMP, SPDT AND DPDT, 7.5 AMPERES, SILVER CONTACTS, 1 AMPERE, GOLD CONTACTS (DRIPPROOF, SUNLIGHT READABLE, RFI SHIELDED)
* Inactive for new design.	

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MIL-PRF-22885/101D	SWITCH, PUSHBUTTON, ILLUMINATED, 4-LAMP, SPDT AND DPDT, 5.0 AMPERES SILVER CONTACTS, 1 AMPERE MAX. GOLD CONTACTS, DRIPPROOF, SUNLIGHT READABLE, EMI/RFI SHIELDED, NVIS COMPATIBLE
MIL-PRF-22885/102C	SWITCH, PUSHBUTTON, 4-LAMP, PUSHBUTTON AND LENS ASSEMBLIES FOR, .610 SQUARE (DRIPPROOF, SUNLIGHT READABLE, EMI/RFI SHIELDED)
MIL-PRF-22885/103B	SWITCHES, PUSHBUTTON, ILLUMINATED, 2 AMPERES, 2PDT, 4PDT AND INDICATOR, 4 LAMP, SUNLIGHT READABLE (EMI/RFI SHIELDING, MODULAR CONSTRUCTION)
MIL-PRF-22885/104B	PUSHBUTTON, ILLUMINATED, 4 LAMP, SUNLIGHT READABLE (FOR ILLUMINATED PUSHBUTTON SWITCH)
MIL-PRF-22885/105B	SWITCH, PUSHBUTTON, ILLUMINATED, PLUG-IN, SWITCH MODULE FOR, 2PDT, 4PDT
MIL-PRF-22885/108D	SWITCHES, PUSHBUTTON, ILLUMINATED, 4-LAMP REPLACEABLE INCANDESCENT OR NON-REPLACEABLE LIGHT EMITTING DIODE (LED), 0.750 SQUARE, SPDT, DPDT, 4PDT SILVER CONTACTS - 2 CIRCUIT (5 AMPERES) OR SPDT (7.5 AMPERES): GOLD CONTACTS - LOW LEVEL TO 1 AMPERE, SUNLIGHT READABLE DISPLAY (DRIPROOF, WATERTIGHT, SPLASHPROOF, EMI/RFI SHIELDING, HIGH IMPACT SHOCK RESISTANT, COMMON TERMINATION
MIL-PRF-22885/109B	SWITCHES, PUSH BUTTON, ILLUMINATED, 4-LAMP, .75 SQUARE, 4PDT AND DPDT, 7 AMPERES, SUNLIGHT READABLE DISPLAY OPTION, NVIS COMPATIBLE OPTION, MOMENTARY AND ALTERNATE HOLDDOWN, LOW TOUCH TEMPERATURE, CONNECTOR MODULE TERMINATION OPTION
MIL-PRF-22885/110B	SWITCH, PUSHBUTTON, ILLUMINATED, 4-LAMP, SUNLIGHT READABLE, NIGHT VISION IMAGING SYSTEM COMPATIBLE, EMI/RFI SHIELDED, DRIPPROOF, SNAP ACTION, 4PDT, MOMENTARY, ALTERNATE
MIL-PRF-22885/111A	SWITCHES, PUSHBUTTON, LIGHT EMITTING DIODE (LED) ILLUMINATED, STANDARD, NIGHT VISION IMAGING SYSTEM (NVIS) AND SUNLIGHT READABLE DISPLAYS, SPDT AND DPDT, LOW LEVEL TO 7 AMPERES, SEALED AND UNSEALED, SOLDER AND COMMON TERMINATION SYSTEM (CTS) TERMINATIONS

\* Inactive for new design.

## Application Cross-Reference

MIL-PRF-22885	Threaded bushing	Snap-in flange mount	Solid flange mount	Plug-in switch/connector module	28 V dc rating amperes	Low level rating	Gold contacts	Solid state switching	Solder terminals	Common termination system	Wire wrap terminals	Printed circuit terminals	Switch circuits
/8	X				5				X				2 Circuit
/9			X		5				X				DPDT/4 PDT
/15		X			5				X				DPDT/4 PDT
/18	X				2				X			X	DPDT/2 CKT
56			X		2				X				DPDT/4 PDT
/58			X		3				X				DPDT/4 PDT
/67			X		7	X	X		X				1,2,3,4 PDT
/71			X		7	X	X		X				DPDT
/74			X	X	5					X			DPDT/4 PDT
/75			X		7				X				1,2,3,4 PDT
/77			X		7.5	X	X			X			2,3,4 PDT
/79	X				7		X		X			X	SPDT, DPDT
/80			X	X	5					X			DPDT/4 PDT
/84			X		7				X				1,2,3 PDT
/86			X	X	2				X		X		DPDT/4 PDT
/87			X		5				X				DPDT/4 PDT
/89	X				7		X		X				SPDT, DPDT
/90			X		7	X	X		X				1,2,3,4 PDT
/91		X						X	X			X	1 or 2 circuit
/92		X			10				X				SPST, DPDT
/93		X			3				X			X	1,2,4 PDT
/96			X		7		X		X				1,2,3 PDT
/101			X	X	5	X	X		X	X		X	SPDT, DPDT
/103			X	X	2	X			X	X	X		DPDT/4 PDT
/108			X	X	7.5	X	X		X	X		X	1,2,4 PDT
/109			X	X	7		X		X	X		X	2 PDT, 4 PDT
/110			X	X	8	X			X	X		X	4 PDT
/111			X	X	7	X	X		X	X		X	SPDT, DPDT

## Application Cross-Reference

MIL-PRF-22885	Drip-proof	Splash-proof	Watertight	Vibration grade	High impact shock	Sunlight readability	EMI shielding	Momentary action	Alternate action	Push-pull	Magnetically held	Night vision Imaging system (NVIS) compatible
/8	X			2	X			X		X		
/9	X			2			X	X	X			
/15				2				X	X			
/18	X			2				X	X			
56				2			X	X	X			
/58				2			X	X	X			
/67				3		X	X	X	X			
/71				2			X	X	X			
/74				2				X	X			
/75				2			X	X	X			
/77				3		X	X	X	X		X	
/79	X			3				X				
/80	X			2	X		X	X	X			
/84				2			X	X	X			
/86				3			X	X	X			
/87	X			2	X		X	X	X			
/89				3				X				
/90	X			2		X	X	X	X			X
/91				2				X	X			
/92				2				X	X			
/93				2				X	X			
/96				2			X	X	X			
/101	X			3		X	X	X	X			X
/103				3		X	X	X	X			
/108	X	X	X	3	X	X	X	X	X			X
/109	X			3		X	X	X	X			X
/110	X		X	3		X	X	X	X			X
/111	X	X		3	X	X	X	X				X

MIL-PRF-22885G  
SUPPLEMENT 1

Custodians:  
Army – CR  
Navy – EC  
Air Force – 11  
DLA – CC

Preparing activity:  
DLA – CC  
  
(Project 5930-1882-99)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil/>.