

## AML SERIES SWITCHES

The AML (Advanced Manual Line) Series is an integrated line of switches, indicators and accessories with coordinated button height, bezel size and visual compatibility. The low-profile square and rectangular buttons and rocker and paddle operators are available in various colors. Display capabilities include split screen, hidden color, and a three-segment lens cap indicator.

Those switches having LED displays must have some means of limiting the LED current to a safe value. When a switch is identified as needing 5 VDC for LED voltage, internal resistors are included to hold the LED current to a nominal 20 mA. For switches without these resistors, suitable external

control of the LED current must be provided. A minimum of 5 VDC open circuit voltage with an appropriate series resistor should be used to power the LED.



AML11

AML21

AML31

## AML11 SOLID-STATE PUSHBUTTON SWITCHES—INCANDESCENT DISPLAY

The AML mechanism and mounting combined with a Hall Effect integrated circuit for solid-state bounceless switching. Available with 5 and 6-16 V regulated sink. The button mechanisms are available in square or rectangular shapes, unlighted or lighted (1 or 2 lamps), and momentary or alternate action.

AML11	B	B	A	2	AE
Housing Type	Bezel Color	Bezel Color	Lamp Type	Terminal Type	Circuitry Codes
Housing Type Description	Bezel Color Description	Lamp Type Description	Terminal Type Description	Circuitry Codes Description	
B (H)# Square* C (J)# Square† E (K)# Rect.* F (L)# Rect.† G (M)# Rect.‡	B Black	A No lamp B 6 V lamp C 14 V lamp E 28 V lamp	2 .110" × .20" Solder or quick connect 3 .025" × .025" PC or push-on	AA Mom., sink, 5 V AE Alt., sink, 5 V BA Mom., sink, 6-16 V BE Alt., sink, 6-16 V CA Mom., scan, 5 V CE Alt., scan, 5 V DA Mom., sink, 4.5-24 V DE Alt., sink, 4.5-24 V	

#For full guard housing, add appropriate suffix (H, J, K, L, or M) to part number.

## AML12 SOLID-STATE PUSHBUTTON SWITCHES—LED DISPLAY

AML12	C	B	D	2	AA
Housing Type	Bezel Color	Bezel Color	Lamp Color/Voltage	Terminal Type	Circuitry Codes
Housing Type Description	Bezel Color Description	Lamp Type Description	Terminal Type Description	Circuitry Codes Description	
C Square† J Square, full guard bezel H High profile LED for use w/AML52-A button K Full guard bezel w/high profile LED	B Black	C Red, no res. B Red, 5 VDC D Red, 10 VDC E Red, 15 VDC F Red, 24 VDC H Yel., no res. J Yel., 5 VDC K Yel., 10 VDC L Yel., 15 VDC M Yel., 24 VDC R Grn., no res. S Grn., 5 VDC T Grn., 10 VDC W Grn., 15 VDC X Grn., 24 VDC	2 .110" × .020" Solder or quick connect 3 .025" × .025" PC wire wrap or push-on 8 .110" × .020" With diode protection 9 .025" × .025" With diode protection	AA Mom., sink, 5 V AE Alt., sink, 5 V BA Mom., sink, 6-16 V BE Alt., sink, 6-16 V DA Mom., sink, 4.5-24 V DE Alt., sink, 4.5-24 V	

## AML21 ELECTRONIC CONTROL PUSHBUTTON SWITCHES—INCANDESCENT DISPLAY

Intended for electronic control applications up to 3 amps. Contact arrangements are either one or two poles, form "C" (single break-double throw) in silver or gold.

AML21	B	B	A	2	AA
Housing Type	Bezel Color	Bezel Color	Lamp Type	Terminal Type	Circuitry Codes
Housing Type Description	Bezel Color Description	Lamp Type Description	Terminal Type Description	Circuitry Codes Description	
B Square* C Square† E Rect.* F Rect.† G Rect.‡ H Square* J Square† K Rect.* L Rect.† M Rect.‡	B Black	A No lamp B 6 V lamp C 14 V lamp E 28 V lamp	2 .110" × .020" Solder or quick connect 3 .025" × .025" PC, wire-wrap or push-on	AA Mom., SPDT, silver AB Alt., SPDT, silver AC Mom., DPDT, silver AD Alt., DPDT, silver BA Mom., SPDT, gold BB Alt., SPDT, gold BC Mom., DPDT, gold BD Alt., DPDT, gold CC Mom., 4PDT, silver CD Alt., 4PDT, silver DC Mom., 4PDT, gold DD Alt., 4PDT, gold	

## AML22 ELECTRONIC CONTROL PUSHBUTTON SWITCHES—LED DISPLAY

AML22	C	B	B	2	AB
Housing Type	Bezel Color	Bezel Color	Lamp Color/Voltage	Terminal Type	Circuitry Codes
Housing Type Description	Bezel Color Description	Lamp Type Description	Terminal Type Description	Circuitry Codes Description	
C Square† J Square†, full guard bezel H High profile LED for use w/AML52-A button K Full guard bezel w/high profile LED	B Black	C Red, no res. B Red, 5 VDC D Red, 10 VDC E Red, 15 VDC F Red, 24 VDC H Yel., no res. J Yel., 5 VDC K Yel., 10 VDC L Yel., 15 VDC M Yel., 24 VDC R Grn., no res. S Grn., 5 VDC T Grn., 10 VDC W Grn., 15 VDC X Grn., 24 VDC	2 .110" × .020" Solder or quick connect 3 .025" × .025" PC, wire-wrap or push-on 8 .110" × .020" With diode protection for LED 9 .025" × .025" With diode protection for LED	AA Mom., SPDT, silver AB Alt., SPDT, silver AC Mom., DPDT, silver AD Alt., DPDT, silver BA Mom., SPDT, gold BB Alt., SPDT, gold BC Mom., DPDT, gold BD Alt., DPDT, gold CC Mom., 4PDT, silver CD Alt., 4PDT, silver DC Mom., 4PDT, gold DD Alt., 4PDT, gold	

\*Non-illuminated. †One lamp circuit. ‡Two lamp circuits.

LISTING CONTINUED ON FOLLOWING PAGE.