



Arens Controls Transmission Shifter

Custom Electronic Pushbuttons & Levers

Curtiss-Wright designs and builds custom pushbutton and lever shifters for automatic transmissions and automated manual transmissions. Each new design is grounded firmly on our decades of pushbutton engineering excellence, reliable manufacturing processes, and industry leading on-time deliveries.

Curtiss-Wright has developed the most popular pushbutton shifters for Automatic and Automated Manual Transmissions used in Medium & Heavy-Duty vehicles around the world.

Curtiss-Wright Pushbutton Shifters feature our industry-leading switch module which delivers exceptional durability and tactile feel. Curtiss-Wright uses a short plunger assembly underneath the overlay, so no matter where on the surface of the switch a person presses, dead-center or off-center, the tactile feel is the same. Our proprietary Aging Cycle Test ensures that the switch never loses the tactile ratio and tactile feel over millions of actuations, giving our controls legendary durability and longevity in the field.



Rugged vehicles require rugged shifters. Vehicle OEMs that want lever shifters for Vocational and Off-Highway vehicles turn to Curtiss-Wright for durable lever shifters. Curtiss-Wright can build these lever shifters with CAN J1939 or your proprietary communication system accompanied by a wide range of transmission shift locations. Other design features, including auxiliary switches on the bezel or lever are no problem for our in-house Electrical, Mechanical and Software design teams.

SPECIFICATIONS

ELECTRICAL

SUPPLY VOLTAGE & DISPLAY LED	12 or 24 VDC
ACTUATOR MOTOR CONTROLLERS	Governed by the SBW Controller
CONNECTORS	Packard, see next page
LED INDICATOR	Dual LED dimmable display
CAN COMMUNICATION	J1939
OEM DEFINED INPUTS & OUTPUTS	6 Inputs, 2 Outputs

MECHANICAL

ACTUATOR INSTALLATION	Vertical, Horizontal or Remote
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ENVIRONMENTAL

CONTROLLER PROTECTION RATING	IP67 above panel
OPERATING TEMPERATURE	-40 to +85° C
STORAGE TEMPERATURE	-50 to +85° C

Examples of Custom Pushbutton and Lever Controllers



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