



CONTROL
SOLUTIONS™

POWERED DOOR SYSTEMS



*US Patents: 8002328, 7959211 and D632554

The Powered Door System (PDS) provides a patented (US #8002328) solution for door assist on heavily armored vehicles. The PDS has the ability to open the heaviest of vehicle doors on steep uphill slopes. The feature-rich door assist system provides the vehicle crew with the ability to operate the doors even when the truck power system is inoperable. The PDS limits ingress by unwanted personnel, provides emergency egress, and features programmable stop locations, intelligent battery charging, fail-safe activation, and a host of other provisions that enhance the operation, efficiency, and safety of the passengers.

PDS Features and Benefits

- Designed to meet the specific needs of each vehicle and door geometry as a turnkey solution to the vehicle builder
- Multiple choices for door actuation (hydraulic, electromechanical)
- Smoothly open and close doors on 30% slopes
- Retrofittable on existing vehicle platforms
- Pervasive safety features and emergency override
- Battery operated; opens doors without vehicle power (up to 25 cycles)
- Intelligent battery charging from vehicle's power with built-in charge indicator
- Multiple in-vehicle open/close control locations
- Programmable open positions and door edge safety stop strips



CONTROL SOLUTIONS LLC™

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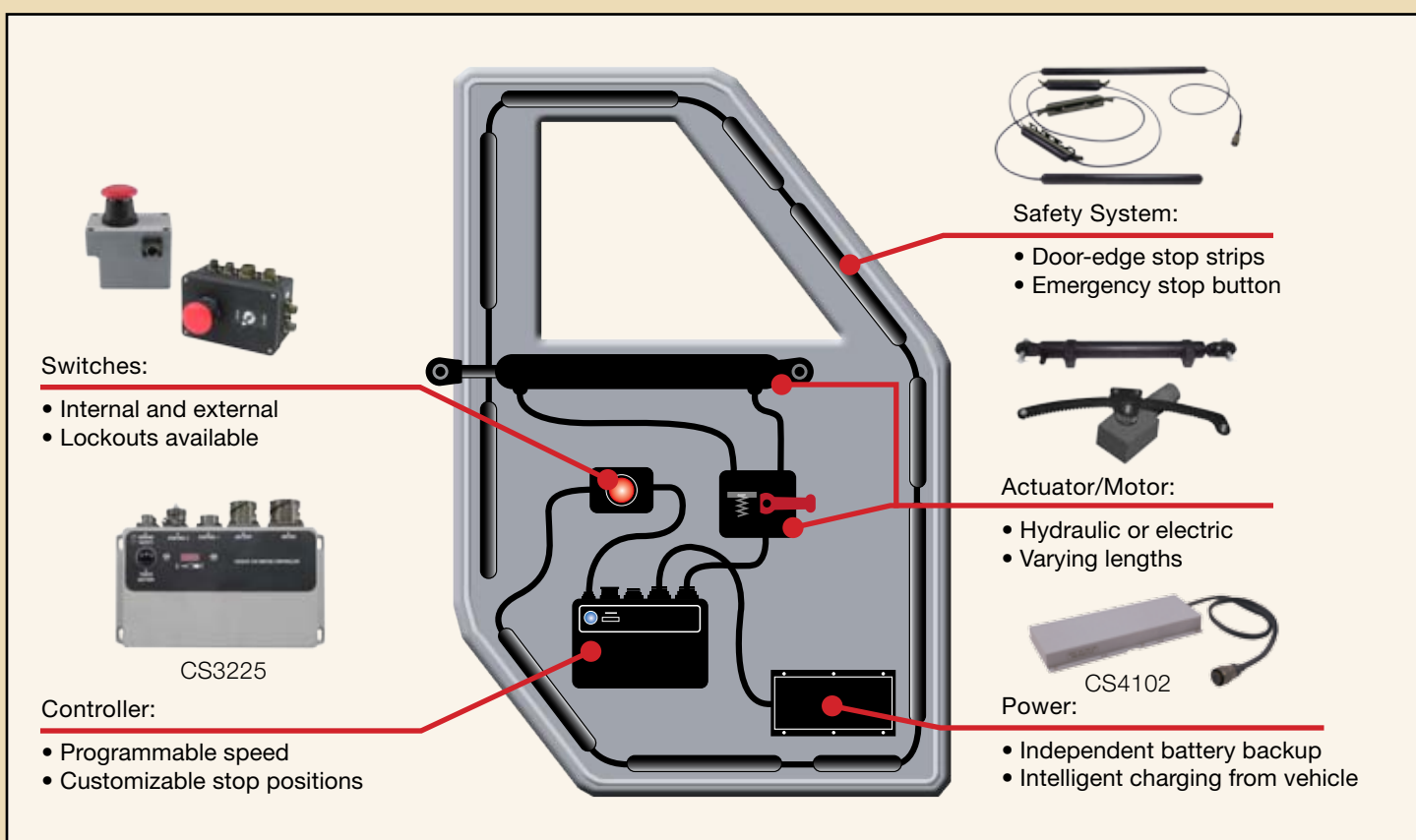
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PDS System Components *

CS3225	In-door motor controller
CS4102	Door-mounted battery
ASM000560	Safety strip sensor
ASM000994	Emergency stop switch
CS3615	Exterior control switch (front-left door)

* Representative sample configuration (call for vehicle integration)



* This product is covered by one or more of the following patents: US 8002328, US 7959211 and US Design D632554.



Scan this QR code to learn
more on our PDS product line.