



Speed-Master[®] 1600 L High Performance Door

NEMA 4X Smart Start[™] NXT control box, built-in light grid
High cycle interior or exterior door openings up to 14'0" w x 16'0" h

HÖRMANN

Speed-Master® 1600 L

High cycle applications up to 14'0" w x 16'0" h

Demanding high cycle interior / exterior locations

Demanding industries such as retail automotive, manufacturing, distribution, transit, airports, etc., that have high cycle door requirements, will benefit from the simple, reliable design of the Speed-Master® 1600 L. Design advantages such as zero moving parts within the guide tracks and direct-drive motor, support minimized maintenance and the walk-away dependability busy operations need. For exterior mounting doors, options like a roll and motor cover along with motor / gearbox heater make it possible to accommodate high traffic exterior door applications during cold weather, for added energy savings as compared to use of conventional roll-up doors.



Roll / motor cover and gearbox heater

NEMA 4X Smart Start™ NXT simplifies installation

The Speed-Master® 1600 XL now includes our Smart Start™ NXT, next generation, NEMA 4X, control box as standard. The updated control box has a simplified wiring configuration, is more powerful, and has fewer components and cables as compared to the original Smart Start™. A distribution block accepts the activation and protection device wiring; main power cables feed through pre-drilled holes on the bottom of the box where the individual wires, with pre-wired removable terminal blocks, simply plug into the circuit board. There are extra ports on the control board allowing for firmware upgrades and future expansion. A USB port is available for maintenance monitoring. For doors up to 10'0" wide x 10'0" high, the NEMA 3 HFCB control box with a 208 v / 1-phase / 60 Hz with 3-phase output power requirement is an option.



NEMA 4X Smart Start™ NXT control box

Features

Application	Interior or exterior.
Model	1600 L.
Size range	Max. 14'0" w x 16'0" h.
Technology	Direct-drive, sectional panel.
Operating speed	Opening 60" / sec. Closing 30" / sec.
Panel	Patented, sectional panel design, made of ultra tough, reinforced, puncture resistant 1/8" thick Bulldog XT material, 90 oz. / sq. yd. Panels are connected with heavy-duty aluminum hinge profiles. Colors: orange, blue, black, gray, white.
Resistance to wind load	Up to 12.5 psf * / Maximum 88 mph** (In closed position). *Based on DASMA wind load testing 108-2012-6. ** Calculated in accordance with ASCE 7-10 exposure category B. Independent Testing Agency tested. Maximum door sizes tested. All doors with wind locks.
Vision	Two full-width, clear PVC starting approximately 36" off floor.
Safety device	8'0" high light grid built into guide tracks.
Control	NEMA 4X Smart Start™ NXT with a 208 v to 575 v / 3-phase / 60 Hz voltage input. Optional: HFCB NEMA 3 Smart Start™ NXT with a 230 v / 1-phase 60 Hz voltage input (only for doors up to 10'0" w X 10'0" h). Optional: UPS emergency battery pack (Requires use of HFCB 1-phase control box).
Emergency	Chain hoist.
Warranty	5 & 2 Year: Motor/gearbox (excluding catch) and panel material, 5 years, materials & workmanship. All other mechanical and electrical components free from defects, 2 years.

Take a look at our website for more information!

