COAST MARINE SALES

REPRESENTING IMS DOORS - GULF COAST

IMS

FRAME DRIVE · FMA ELECTRIC

Fully electric watertight sliding doors, two drive options

IMS makes two fully electric drives. Frame Drive moves the blade with a fixed screw inside the door blade, driven by a motor on the door frame. FMA Electric uses a rotating screw driven by a motor bracketed to the bulkhead. Both run from a UPS with an integrated manual generator as backup and fit the F12, AH and MR sill types.







KEY FEATURES

- **Frame Drive:** fixed screw within the door blade; electric motor fixed to the door frame
- **FMA Electric:** rotating screw; electric motor mounted with a bracket to the bulkhead
- Mechanical lock prevents unintended opening in case of malfunction
- Emergency power: UPS (from the vessel emergency switchboard or supplied by IMS) plus an integrated manual generator
- MED-certified control system, compliant with the FTP Code, available for electric doors
- Automation interfaces and bus solutions that cut cabling
- Preventive, sensor-based maintenance; IMS and DNV are introducing sensor-based door diagnostics
- Control system type approved by DNV to IACS E27 cyber requirements (announced by IMS, Dec 2025)
- EX-proof zone 1 & 2 on request; laser safety strip optional

TECHNICAL DATA (IMS)

	Frame Drive	FMA Electric
Drive	Electric motor, fixed screw	Electric motor, rotating screw
Design pressure	19.6 mwc *	55 mwc *
Fire-rating options	A0	A0, A60
Emergency power	UPS + manual generator	UPS + manual generator
Sill types	F12, AH, MR	F12, AH, MR
Closing time	20-40 s	20-40 s
Closing warning	1 audible + 2 visual alarms	1 audible + 2 visual alarms
EX / safety strip	Available	Available

* Based on a 2000 × 1000 mm clear opening. Choose FMA Electric where the bulkhead needs a higher design pressure or an A60 rating.

CLASS DOCUMENTATION (PUBLISHED BY IMS)

LR LR2257833TA-04: type approval design appraisal, F12, MR, AH, N280, N200 (electric & hydraulic), expires 17 Feb 2027

ABS 23-2367157-PDA: Product Design Assessment, series F12, MR & AH (electric or electro-hydraulic), expires 15 Feb 2028

From certificate copies published by IMS. An ABS PDA is a design assessment, not a type approval. IMS also states DNV, BV and RINA approvals; ask us for current certificates.

REQUEST A QUOTE

Send drawings, quantities and class requirements. We'll handle specification and follow-through with IMS Doors.

CALL
228-324-3602

WEB
www.coastmarinesales.com

EMAIL
mrbill@coastmarinesales.com

COAST MARINE SALES, LLC
Bill Meyer, Owner
14274 Big Creek Road, Gulfport, MS 39503