# JOHNSON ELECTRIC HOLDINGS LIMITED

FY2012/13

**Interim Results** 

November 2012



## **Group Overview**

**Key Financial Highlights** 

**Operational Results** 

Outlook

**Appendix** 



#### JOHNSON ELECTRIC GROUP OVERVIEW

#### JOHNSON ELECTRIC GROUP



Johnson Electric is a global leader in motion products, control systems and flexible interconnects. We serve a broad range of industries including automotive, home technologies, domestic appliances, power tools, office products, industrial equipment, consumer goods, medical devices and infrastructure automation.

Established in 1959, Johnson Electric ships its products to more than 30 countries for use in hundreds of different product applications. Innovation and product design centers are located in Hong Kong, China, Switzerland, Germany, Italy, Israel, Japan, the UK and the USA. We employ more than 38,000 including contract employees in over 23 countries.

The annual production capacity are over one billion units and manufactures products in more than a dozen countries on four continents.



#### **COMPANY VISION AND BRAND PROMISE**

# **Company Vision**

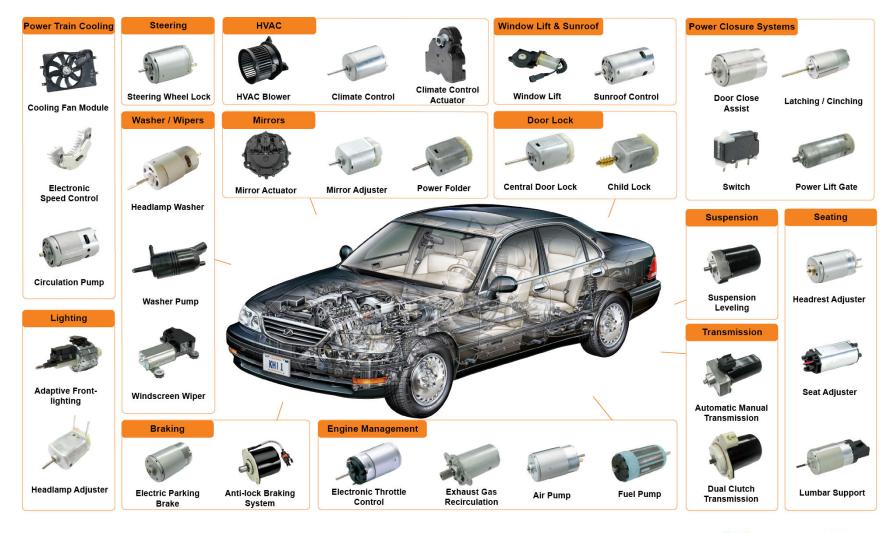
To be the world's <u>definitive</u> provider of innovative and reliable motion systems.

# **Brand Promise**

"Technology Leadership" "The Safe Choice"



## **APG APPLICATIONS**





## **IPG APPLICATIONS**











**Power Tools** 

Camera and Optical

Home Entertainment & Gaming

Home Technologies

**Personal Care** 









Food & Beverages

Lawn & Garden

**HVAC** 

Building Automation & Security









**Business Machines** 

**Industrial Automation** 

**ATM** 

**Medical Devices** 



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#### **HIGHLIGHTS**

- ✓ Group sales US\$1,043 million down 7% compared to the first half of prior financial year. Excluding foreign currency effects and non-recurring items, sales increased by approximately 1%
- ✓ Gross profit margin improved to 28.4% from 27.2%
- ✓ EBITDA excluding nonrecurring items US\$153 million down 9%
- Net profit attributable to shareholders down 16% to US\$85 million or 2.37 US cents per share on a fully diluted basis
- ✓ Debt to total capital ratio of 10% and cash reserves of US\$347 million as at 30th September 2012
- ✓ Interim dividend of 3 HK cents per share (0.38 US cents per share)



## **FINANCIAL HIGHLIGHTS**

US\$ million	First half of FY2012/13	First half of FY2011/12
Sales	1,042.7	1,118.1
Gross profit Gross margin	296.4 28.4%	303.6 27.2%
Profit attributable to shareholders	85.3	101.6
Diluted earnings per share (US Cents)	2.37	2.78
Free cash flow from operations <sup>1</sup>	42.3	75.0
EBITDA excluding nonrecurring items <sup>2</sup> EBITDA margin	152.5 <i>14.6%</i>	167.4 15.0%
US\$ million	30th Sep 2012	31st Mar 2012
Cash Total debt (be growings)	346.9	385.1
Total debt (borrowings) Net cash	(161.9) 185.0	(205.4) 179.7
Enterprise value <sup>3 &amp; 4</sup>	2,179.2	2,075.6
Enterprise value to EBITDA <sup>5</sup>	6.9	6.3
Credit Quality - Financial Ratios <sup>5</sup>	30th Sep 2012	31st Mar 2012
Free cash flow from operations (annualised) to debt Total debt to EBITDA (annualised)	82% 0.5	81% 0.6

<sup>1.</sup> Net cash generated from operating activities plus interest received, less CAPEX net of proceeds from disposal of fixed assets

<sup>2.</sup> Earnings before interest, taxes, depreciation and amortisation ("EBITDA") excluding the impact of insourcing a European distribution channel

<sup>3.</sup> Enterprise value calculated as market capitalisation plus non-controlling interests plus total debt less cash

<sup>4.</sup> Market Capitalisation is calculated by multiplying the outstanding number of shares with the closing share price (HK\$5.07 as of 30th September 2012 and HK\$4.83 as of 31st March 2012) converted at the closing exchange rate

<sup>5.</sup> EBITDA and free cash flow from operations were annualised using last twelve months' results

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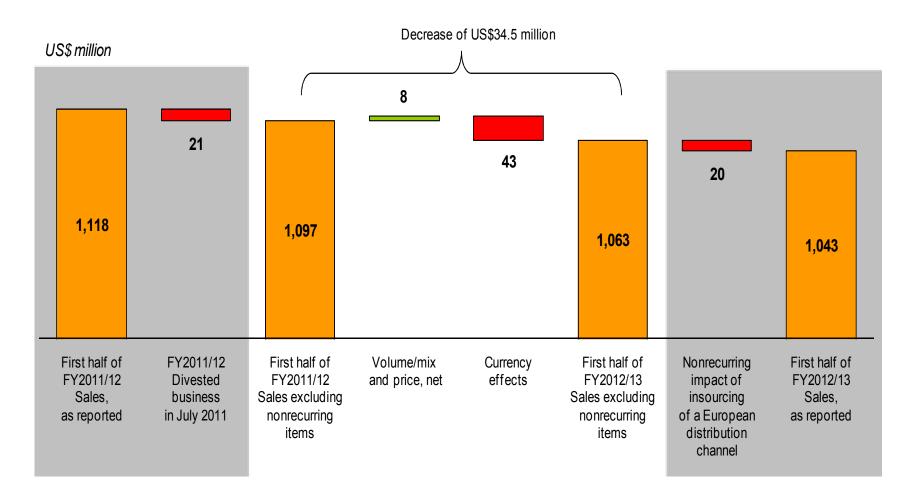


## PROFIT & LOSS – 1H FY2012/13 vs 1H FY2011/12

US\$ million	First half of FY2012/13	First half of FY2011/12	Increase/ (decrease) in profit
Sales	1,042.7	1,118.1	(75.4)
Gross profit Gross margin %	296.4 28.4%	303.6 27.2%	(7.2)
Other income and gains Selling and administrative expenses ("S&A") S&A %	1.3 (197.8) <i>19.0%</i>	2.8 (187.7) <i>16.8%</i>	(1.5) (10.1)
Operating profit Operating margin %	99.9 <i>9.6%</i>	118.7 <i>10.6%</i>	(18.8)
Net interest income/(expense) Share of profits of associate	2.4 0.2	(1.3) 0.2	3.7
Profit before income tax Income tax expenses Effective tax rate	102.5 (14.5) 14.1%	117.6 (16.1) 13.7%	(15.1) 1.6
Profit for the period Non-controlling interests	88.0 (2.7)	101.5 0.1	(13.5) (2.8)
Profit attributable to shareholders, as reported	85.3	101.6	(16.3)



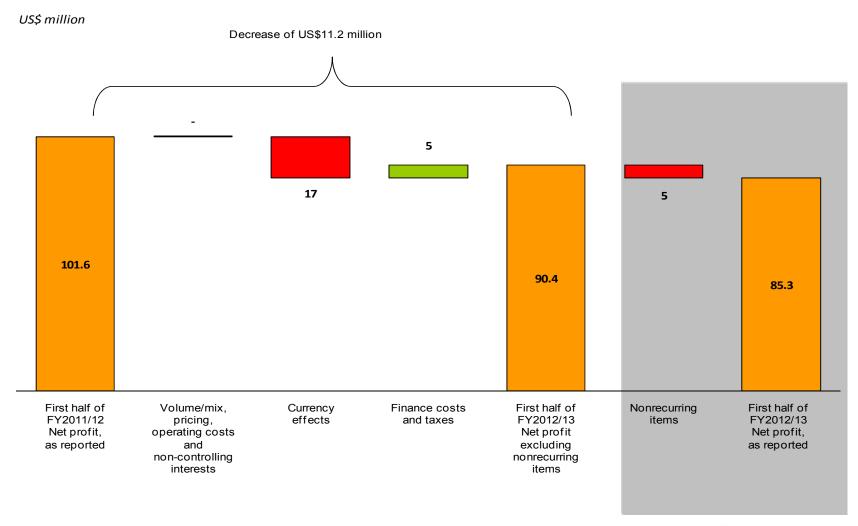
## **SALES CHANGES – 1H FY2012/13 vs 1H FY2011/12**



Note: Numbers do not add across due to the effect of rounding



## **CHANGES IN PROFIT ATTRIBUTABLE TO SHAREHOLDERS**



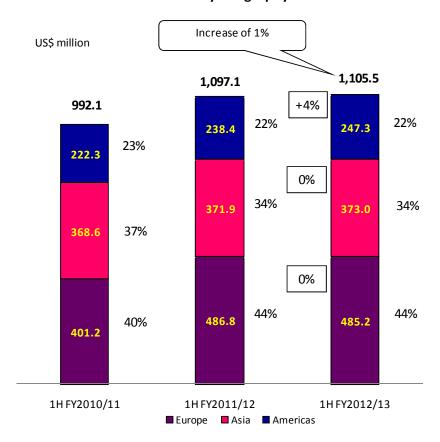
Note: Numbers do not add across due to the effect of rounding

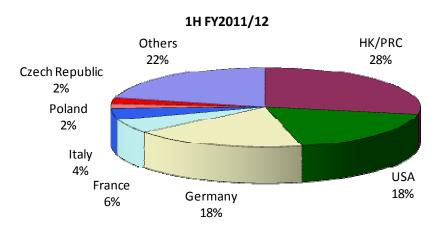
The tax effect of nonrecurring items of US\$0.7 million has been considered under "Finance costs and taxes"



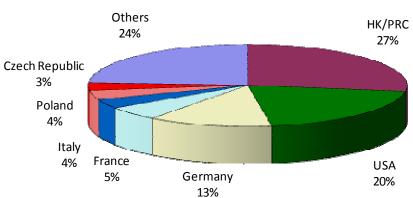
## **GROUP SALES BY GEOGRAPHY**

# Group Sales Excluding Nonrecurring Items & Currency Effects by Geography





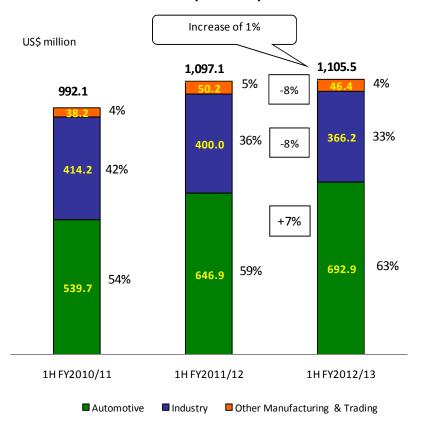
#### 1H FY2012/13



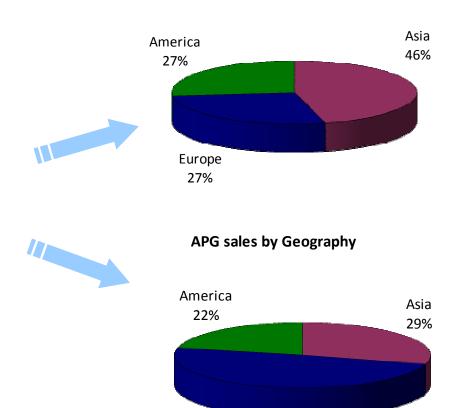


## **GROUP SALES BY BUSINESS**

# Group Sales Excluding Nonrecurring Items & Currency Effects by Line of Business



#### **IPG** sales by Geography



Europe

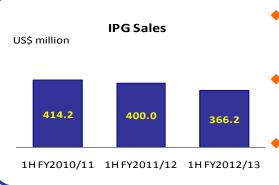
49%



#### **SALES OVERVIEW**



- ◆ Sales (excl nonrecurring items & currency effects) grew by 7% YOY (By region: Asia +15%, Europe +3%, Americas +6%). Mainly benefitted from new platform launches and growth of targeted customers
- ♦ Cooling fan modules business comprised 21% of total sales, grew 10% YOY.
- Business experienced strong sales from powertrain cooling, air management and sunroofs products.
- ♦ Increased sales for power-lift gates and window-lift applications.



- Sales declined due to lower demand for games and toys products, exit from some low margin applications as well as continued economic uncertainty in Europe adversely affected sales.
  - It was partially offset by increased demand in products for domestic appliances, ventilation, food & beverage, solenoid products, high-end floor care applications and haptic response systems.
  - Focused on developing differentiated, energy efficient and leading-edge products and subsystems.



- Sales in other businesses mainly from SB Controls unit.
- The majority of Controls sales are in the European market and were therefore impacted by the recent economic downturn.
- This was partly offset by sales growth in the Americas.



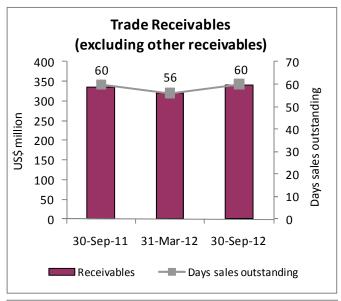
## FREE CASH FLOW FROM OPERATIONS

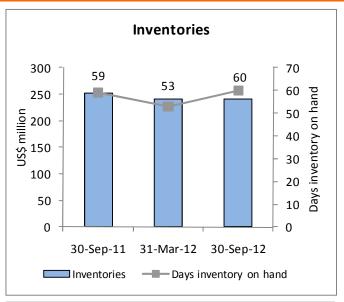
US\$ million	First half of FY2012/13	First half of FY2011/12	Change
Operating profit* Depreciation and amortisation	100.2 47.2	118.7 48.7	(18.5) (1.5)
EBITDA	147.4	167.4	(20.0)
Other non-cash items in profit before taxes Working capital change	2.6	0.7	1.9
<ul><li>Insourcing of a European distribution channel</li><li>Other working capital change</li></ul>	(49.5) (13.4)	- (48.2)	(49.5) 34.8
Interest paid Income taxes paid	(1.5) (11.7)	(3.6) (13.7)	2.1 2.0
Net cash generated from operating activities	73.9	102.6	(28.7)
Capital expenditure Proceeds from disposal of fixed assets Interest received	(37.9) 2.3 4.0	(42.9) 12.3 3.0	5.0 (10.0) 1.0
Free cash flow from operations	42.3	75.0	(32.7)

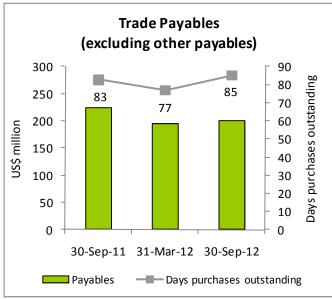
<sup>\*</sup> Includes dividend received from associate of US\$0.3 million for first half of FY2012/13 (first half of FY2011/12: nil)

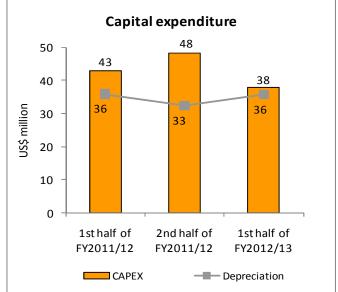


## **WORKING CAPITAL & CAPEX**











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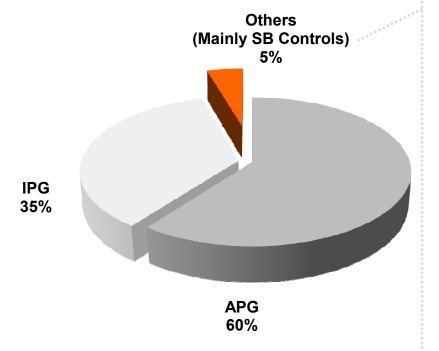
Outlook

**Appendix** 



#### **DISCLOSEABLE TRANSACTION**

# Group Sales % by Business FY 2011/2012



#### **Reasons for Disposal:**

- ◆To divest a non-core asset operating outside JE's core business
- ◆Disposal terms are fair and reasonable, thus in the best interests of JE and its shareholders
- ◆To apply proceeds from disposal towards investments in JE's core business

#### **Disposal Summary**

Consideration: Euro 100M
Business Disposed: SB Controls\*
Agreement Date: 24th Oct 2012
Completion: Within 9 months After Agreement Date

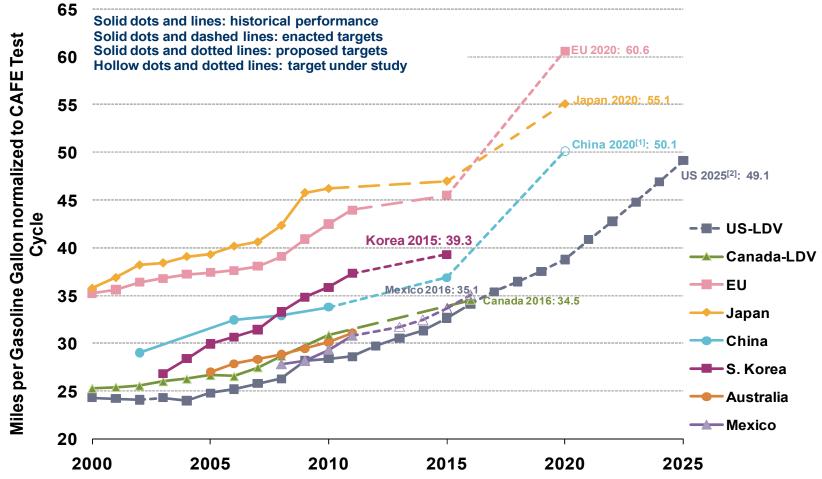
Estimated Gain on Disposal: US\$12M-24M

SB Controls	FY2011/12 US\$M	FY2010/11 US\$M
	•	•
Sales	93.1	78.6
% of Total Sales	4%	4%
Net Profit Before Tax	11.1	7.7
Net Profit After Tax	8.8	6.1

<sup>\*</sup> The disposing business represented the smallest of three operating divisions that comprised the business of Saia-Burgess Electronics Holding AG (since renamed Johnson Electric International AG, the Vendor), a company acquired by the Group in 2005.



## TRENDS IN AUTOMOTIVE



[1] China's target reflects gasoline vehicles only. The target may be higher after new energy vehicles are considered.

Source: International Council on Clean Transportation, August 2012.



 $<sup>\</sup>cite{Model 100} \cite{Model 100} Logo and Mexico light-duty vehicles include light-commercial vehicles.$ 

#### TRENDS IN INDUSTRIAL AND DOMESTIC APPLIANCES

#### **Global Trends**

- Develop and promote differentiated leading-edge products and subsystems that offer <u>reduced noise & weight</u> and <u>increase power efficiency</u>. It enables us to satisfy increasingly stringent regulations in several key markets.
- Examples of our innovative products are
  - ✓ Variable flow gear pumps for beverage market segment
  - Energy saving & double-disconnect switches for white goods market segment
  - Breakable conductors for financial security segment



#### **OUTLOOK FOR JOHNSON ELECTRIC**

- Near-term growth inevitably be tempered by continued concerns about the health of the global economy
- Current trading patterns overall are broadly similar to the first half of FY2013
- Business strategy drives long-term value
  - Research and new product development focus on understanding and responding to the underlying needs of end-users
  - Reshape the global manufacturing footprint to enhance responsiveness, reliability and competitive economics



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## **GLOBAL SALES & SUPPORT OFFICES & ENGINEERING CENTERS**

- Argentina
- Austria
- Belgium
- Brazil
- China
- France
- Germany
- Hong Kong
- India
- Italy
- Israel
- Japan
- Korea
- Netherlands
- Singapore
- Switzerland
- UK
- USA





## **WORLDWIDE MANUFACTURING**



- Poland
- Switzerland

Mexico

- UK
- USA



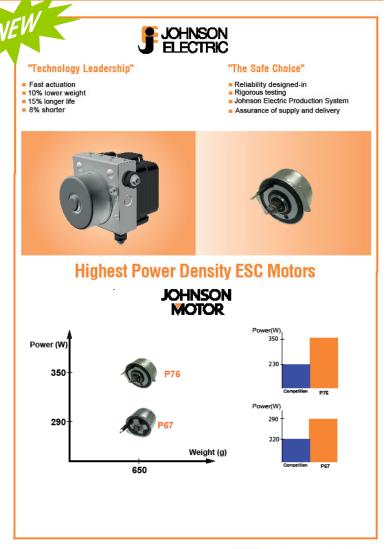
# APPENDIX – NEW PRODUCTS



#### **APG – COOLANT VALVE ACTUATORS**

#### **APG – ESC MOTORS**



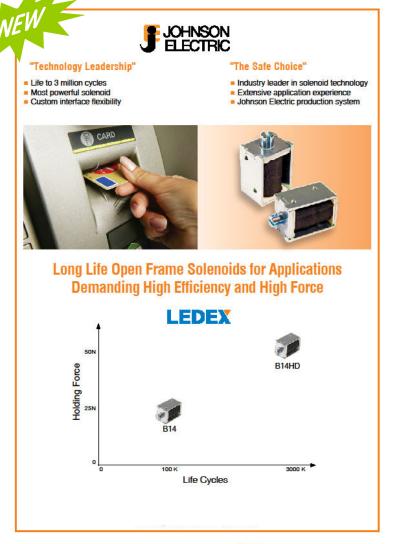




#### **APG – ETC MOTORS**



#### **IPG – SOLENOIDS**





#### **IPG – SHIELDED FLEXIBLE CIRCUITS**

#### **IPG – PAYMENT TERMINAL SECURITY**

#### JOHNSON ELECTRIC Technology Leadership" "The Safe Choice" ■ EMI attenuation = 360° shielding Flexible and conformable Reliable & durable Lightweight and compact Flex circuit industry leader Conductive coating technology Medical & Defense supplier Parlex EMI-Flex<sup>™</sup> Shielded Flexible Circuits 40 Parlex EMI-Flex Stiff Foil Shield 35 Attenuation dB 30 25 20 10K 100K 1M Frequency



► Random patterns increase security

▶ Potential intruders unaware of circuit layout



#### **IPG – NSF GEAR PUMP**

Technology Leadership"

High flow rate liquid dispenser

Hot brewed drinks deliverable

Cold fridge drinks deliverable

Max Flow Rate

GP300DC

Variable flow rate

JOHNSON ELECTRIC

**NSF Gear Pump for Beverage Dispensing** 

JOHNSON MOTOR

GP600DC

GP700DC

Max Pressure

"The Safe Choice"

Low voltage operation

Certified by NSF international

Assurance of supply and delivery

# High reliability, rigorously tested

## **IPG – SHUT-OFF SWITCHES**



#### "Technology Leadership"

- Zero stand-by power
   Exceeds EuP requirements
- Resistant to shock & vibration
- Programmable control option

#### "The Safe Choice"

- Automatic double disconnect power-off
- Industry leader in auto power off switches
- Continuous product innovation Internationally approved





TIPPMATIC® iF interface version TIPPMATIC® iFD interface + double disconnect









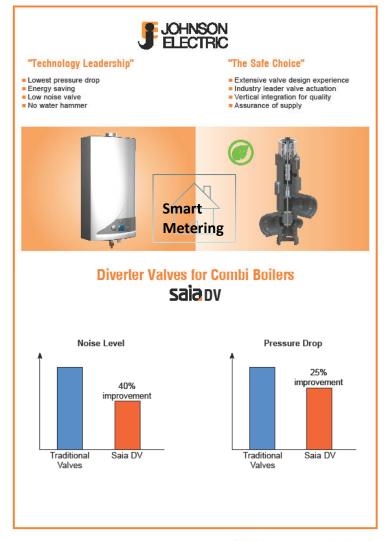


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## **IPG – DISCONNECT RELAY**

#### **IPG – DIVERTER VALVES**





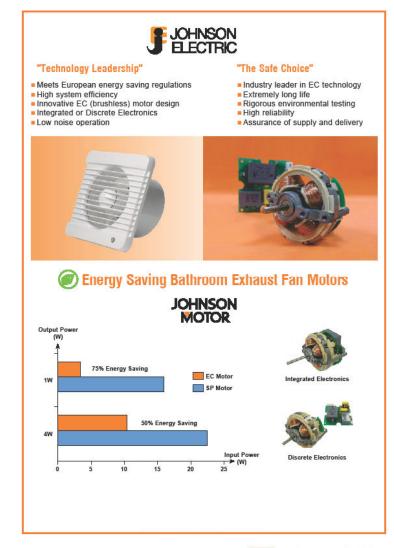


innovating motion

#### **IPG – GAS METER VALVE**

#### **IPG – EXHAUST FAN MOTORS**







## **IPG – SOLENOIDS**

## **IPG – HAND BLENDER MOTORS**







#### **IPG – RANGE HOODS MOTORS**

#### **IPG – TIPPMATIC SWITCHES**



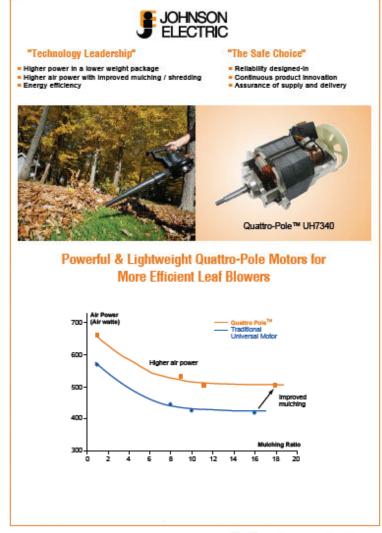




#### **IPG – MOWER STARTER**

## **IPG - LEAF BLOWERS**







#### **IPG – MICROSWITCHES**

#### **IPG – ENGINE STARTER**

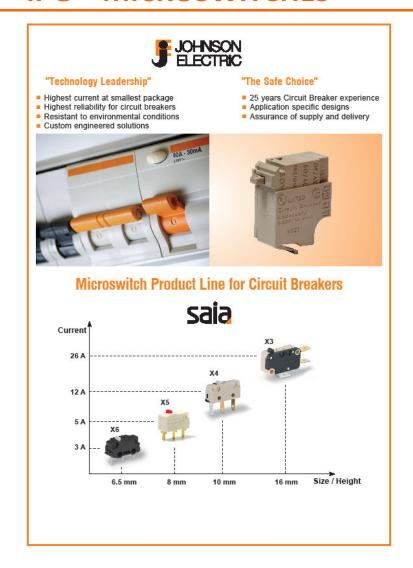






#### **IPG – MICROSWITCHES**

#### **IPG – HAND DRYER BLOWERS**

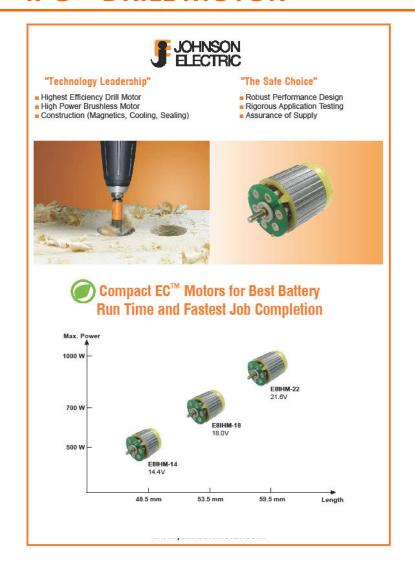


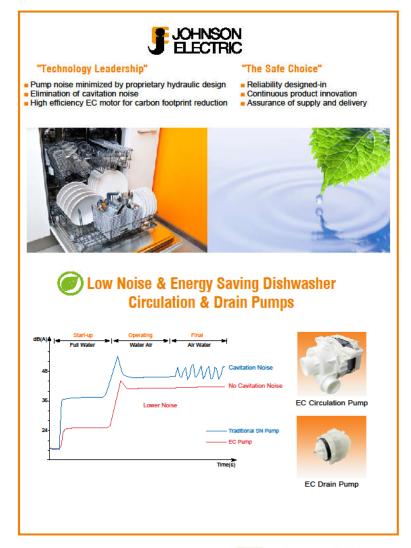




#### **IPG – DRILL MOTOR**

#### **IPG – DISHWASHER DRAIN PUMP**



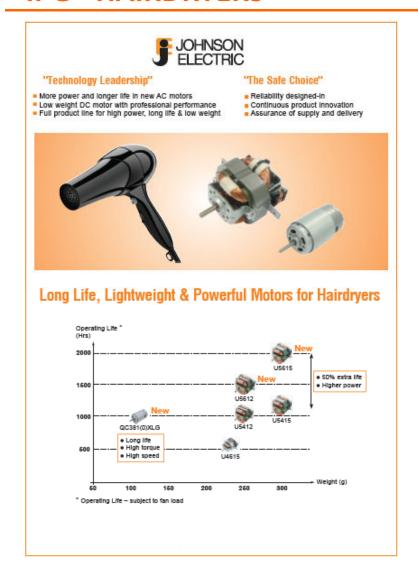


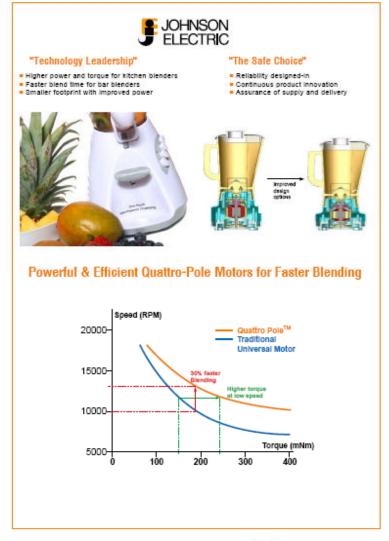


#### **IPG - HAIRDRYERS**

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## **IPG – BLENDER MOTORS**



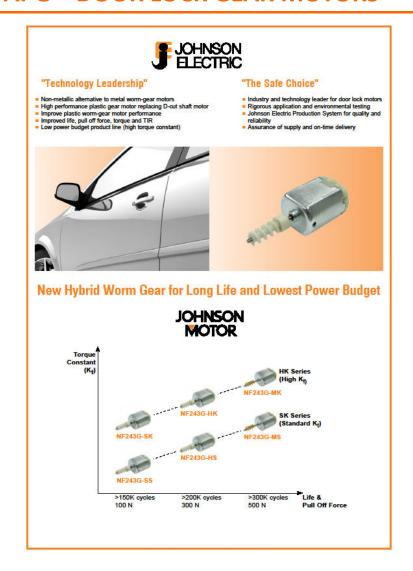




innovating motion

#### **APG – DOOR LOCK GEAR MOTORS**

#### **APG – SUNROOF DRIVES**

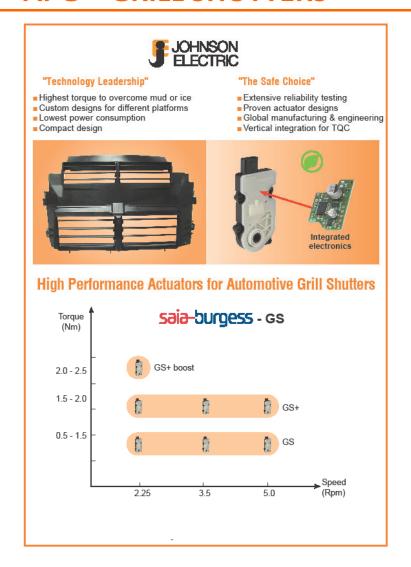






#### **APG – GRILL SHUTTERS**

#### **APG – BATTERY COOLING FAN**



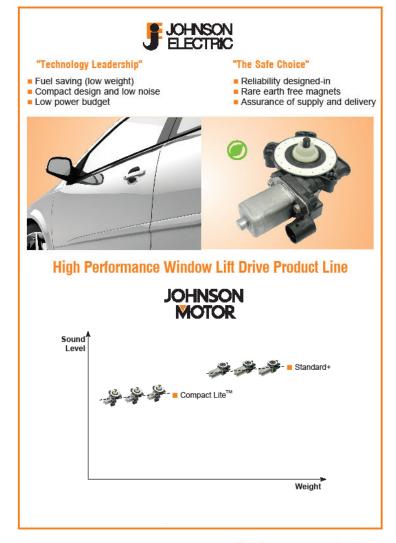




## **APG - STEERING WHEEL LOCKS**

#### **APG – WINDOW LIFT**







#### **APG - WASHER PUMPS**

#### **APG - LUMBAR SUPPORT**







#### **APG - ACTUATORS**

# JOHNSON ELECTRIC "Technology Leadership" "The Safe Choice" Technology standards Reliability designed-in Compact performance Low noise Continuous product innovation Assurance of supply and delivery saia-burgess Actuators for Climate Control sala-burgess Actuators for Adaptive Lighting

#### **APG - CFM + MOTORS**





#### **APG - SEAT MOTORS**

#### **APG - ABS MOTORS**







#### **DISCLAIMER**

This presentation contains certain forward looking statements with respect to the financial condition, results of operations and business of Johnson Electric and certain plans and objectives of the management of Johnson Electric.

Words such as "outlook", "expects", "anticipates", "intends", "plans", "believes", "estimates", "projects", variations of such words and similar expressions are intended to identify such forward-looking statements. Such forward looking statements involve known and unknown risk, uncertainties and other factors which may cause the actual results or performance of Johnson Electric to be materially different from any future results or performance expressed or implied by such forward looking statements. Such forward looking statements are based on numerous assumptions regarding Johnson Electric's present and future business strategies and the political and economic environment in which Johnson Electric will operate in the future.

