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GAS SAFETY & SOLENOID VALVES

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Firemans Switch

This range of safety switches is for use in the event of fire or other emergency. Usually located at exits to gas plant rooms, units are key operated with a 2 or 3-position latching switch.

EP-FS Series	
Type	Part No.
2 Position key operated	EP-FS-1
3 Position key operated	EP-FS-2

Emergency Stop Button

A range of emergency stop switches for manual shut down of systems in the event of fire or other emergency.

Features

Switch rating: 6A @ 240V AC

EP-SW Series	
Button Type	Part No.
Twist knob	EP-SW-11
Key lock	EP-KL

Duct Smoke Detector

The SD-622 provides relay outputs on the detection of smoke or fault conditions. The alarm output relay can be either manual or auto reset depending on application type.

SD-622 Series	
Description	Part No.
Smoke detector	SD-622

Fusible Thermal Link

The EP-SW-72 is for use in gas safety circuits. Units consist of a ventilated high temperature glass filled resin case, with electrical connection terminals and a thermal fuse. When located above boilers, the fuse activates on detection of over-temperature to close down the gas system. Replacement fuses are available.

Features

- High temperature flame retardant glass filled resin housing
- 72°C Melting point
- IP20

EP-SW72 Series	
Type	Part No.
Electro-thermal link	EP-SW-72
Electro-thermal link – spare fuse	EP-SW-72-F



Emergency STOP Button / Electro Thermal Link

Firemans switch for remote override of ventilation plant in the event of fire.

ES... & TFL Series	
Type	Part No.
Twist knob	ES02
Key lock	ES03
Electro thermal link	TFL72



Electro Controls



Remote Alarm Panels

This products accepts a switched input 230V AC, 24V AC/DC or a 0-10V DC adjustable input signal to provide an audible and visual alarm.

Features

- Flush mounting
- Light & buzzer
- IP40

ERA... Series

Number of Channels	Input Signals	Part No.
1	1 x 230V AC	ERA-230
	1 x 0-10V DC	ERA-10-1
	1 x 24V AC/DC	ERA-24-1
2	2 x 0-10V DC	ERA-10-2
	2 x 24V AC/DC	ERA-24-2
4	4 x 0-10V DC	ERA-10-4
	4 x 24V AC/DC	ERA-24-4

Firemans Switch

Firemans switch for remote override of ventilation plant in the event of fire.

EFM... & EKFM Series

Type	Mounting	Part No.
3 position key operated	Flush	EFM-1
Keyguard for EFM-1	Surface	EKFM
Knob operated (safe breakglass)	Surface	EFM-4
	Flush	EFM-5
Accessories		
Surface mounting box for EFM-1	87H x 87W x 45DV	EE-BP6
Replacement lid for EKFM		EE-KF

Emergency STOP Button / Electro Thermal Link

Firemans switch for remote override of ventilation plant in the event of fire.

EK... & EL Series

Type	Part No.
Twist knob	EK-10
Key lock	EK-25
Electro thermal link	EL-72

Gas Detection

Gas Proving

Description	Part No.
Blacks proving system for gas installations, 230V, key reset gas solenoid valves, accessories	PG0001

230V Auto Reset Gas Solenoid Valves, Accessories

Description	Size (mm)	Part No.
Screwed BSP	15 1/2"	GVA 15
	20 3/4"	GVA20
	25 1"	GVA25



Gas Solenoid Valves

Approved to EN161 - Meet British gas industry requirements
230V AC coil. Class A. EN161 & Din3391 to 3394. Protection to IP54.

Normally Closed 230V AC

Valve Size	Connection	Part No.
¼"	BSP	ZVG8
½"	BSP	ZEV15
¾"	BSP	ZEV20
1"	BSP	ZEV25
1¼"	BSP	ZEV32
1½"	BSP	ZEV40
2"	BSP	ZEV50
2½"	BSP	ZEV65
3"	BSP	ZEV80
65mm	(2 ½") flanged	ZEVF65
80mm	(3") flanged	ZEVF80
100mm	(4") flanged	ZEVF100
125mm	(5") flanged	ZEVF125
150mm	(6") flanged	ZEVF150

Normally Closed 24V AC

Valve Size	Connection	Part No.
½"	BSP	ZEV15-24
¾"	BSP	ZEV20-24
1"	BSP	ZEV25-24
1¼"	BSP	ZEV32-24
1½"	BSP	ZEV40-24
2"	BSP	ZEV50-24
2½"	BSP	ZEV65-24
3"	BSP	ZEV80-24
80mm	(3") flanged	ZEVF

Closed Position Indication (CPI) Switch

Valve Size	Part No.
¾"	CPI-20
1"	CPI-25
1¼"	CPI-32
1½"	CPI-40
2"	CPI-50
2½" BSP & Flanged	CPI-65
3" BSP & Flanged	CPI-80
4" Flanged	CPI-100





Gas Solenoid Valves

Class "A" Safety Shutoff Solenoid Gas Valve. For control and regulation of gaseous fuels in gas power burners, gas boilers, ovens, furnaces and other gas consuming appliances.



Normally Closed 230V AC

Valve Size	Connection	Part No.
15mm	Screwed	VE4015A1005
20mm	Screwed	VE4020A1005
25mm	Screwed	VE4025A1004
32mm	Screwed	VE4032A1000
40mm	Screwed	VE4040A1003
50mm	Screwed	VE4050A1002
65mm	Flanged	VE4065B3005
80mm	Flanged	VE4080B3005
100mm	Flanged	VE4100A3001

Closed position indicators to suit

Closed Position Indication (CPI) Switch

Valve Size (mm)	Part No.
20-25	MS052501
32-40	MS054001
50	MS055001
65-80	BSP Valve MS056501
80	Flanged Valve MS058001
100	MS051001

Automatic N/C Gas Solenoid Valves

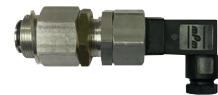
Working temperature -15°C to +60°C without power normally closed with power open.

GCA Series				
Type	Valve Size DN	P.max(!) mbar	Power Supply	Part No.
Screwed	½"	200	230V AC	GCA 815
	¾"			GCA 820
	1"	500		GCA 825/500
	1¼"	360		GCA 832/360
	1½"	GCA 840/360		
	2"	GCA 850/360		
Threaded	65mm	360	GCA 865	
	80mm		GCA 880	
	100mm		GCA 8100	
	125mm		GCA 8125	
	150mm		GCA 8150	
	200mm		GCA 8200C	
GCA DN 250-300 Series				
Threaded	250mm	360	230V AC	GCA 8250C
	300mm			GCA 8300C

Accessories

Microswitches	
Description	Part No.
CPI microswitch for GCA 815/GCA 820/GCA 825	FCM 15-20-25
CPI microswitch for GCA 825/500	FCM 15-20-25/500
CPI microswitch for GCA 832/360 - GCA 840/360	FCM 32-40/360
CPI microswitch for GCA 850/360	FCM 50/360
CPI microswitch for GCA 865/GCA 880	FCM 65-80
CPI microswitch for GCA 8100	FCM 100
CPI microswitch for GCA 8125 / GCA 8150	FCM 125-150
Gas Pressure Regulators	
Gas Pressure Regulator DN15, 9-28 mbar	RG02 010
Gas Pressure Regulator DN20, 9-28 mbar	RG03 010
Gas Pressure Regulator DN25, 9-28 mbar	RG04 010
Gas Pressure Regulator DN32, 13-23 mbar	RG05 020
Gas Pressure Regulator DN40, 13-23 mbar	RG06 020
Gas Pressure Regulator DN50, 13-23 mbar	RG07 020

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Gas Safety Shut-Off Valves

POWERSEAT® ECO ELECTRO HYDRAULIC GAS SAFETY SHUT OFF VALVE

The Powerseat® electro-hydraulic gas shut-off valve allows the control and safety shut-off of low pressure combustible gases in pipes from 40mm to 250mm, whilst focusing on being energy efficient and environmentally friendly. The Powerseat® Eco shut-off valve is kept open by a hydraulic pump where hydraulic fluid is forced into a cylinder driving the valve open.

Features

- ED to display "ON" and "Manual re-set required" status
- Increased environmental protection to IP56 equivalent
- Manual re-set switch incorporated on all versions
- IP67 equivalent rating option available. (increased cost)
- Screwless quick connections for installation of electrics
- Volt free contacts for BMS connection

PE668 Series

Type	Size	Part No.
Screwed	40mm	PE6683-230V
	50mm	PE6684-230V
	65mm	PE6685FL4-230V
	80mm	PE6686FL4-230V
Flanged	100mm	PE6687FL4-230V
	150mm	PE6689FL4-230V
	200mm	PE66810FL4-230V
	250mm	PE66811FL4-230V

Optional Extras

Type	Part No.
Thermal fuse link	BC66ETF
Emergency stop button	BC66ESB/P

Gas Solenoid Valves

Series 2000 - Class "A" safety shut-off valves, normally closed.

Features

- Gas families 1, 2 & 3
- Cast aluminium bodies

2000 Series

Type	Size	Part No.
Fast opening - Full wave rectified, with flow adjustment	¾" BSP	2005 230V
	1" BSP	2006 230V
	1¼" BSP	2007 230V
	1½" BSP	2008 230V
	2" BSP	2009 230V
Fast opening - Full wave rectified, with flow adjustment and CPI	¾" BSP	2005 230VC
	1" BSP	2006 230VC
	1¼" BSP	2007 230VC
	1½" BSP	2008 230VC
	2" BSP	2009 230VC

Gas Regulators

Appliance and Domestic Gas Regulators

- Suitable for mounting in any position
- Inlet pressures up to 100mbar
- Connections tapped BS21 parallel for ¼" and ⅜" and BS21 taper

Gas Regulators - Appliance & Domestic

Type	Size	Outlet Spring (mbar)	Part No.
Female BSP	¼"	5 - 15	60DJ
	⅜"	5 - 15	80DJ
	½"	5 - 17.5	150DJ

Commercial and Industrial Regulators

- Compact and accurate regulator
- Suitable for horizontal and vertical pipelines
- Inlet pressures up to 345mbar

Gas Regulators - Commercial & Industrial

Type	Size	Outlet Spring (mbar)	Part No.
Female BSP	½"	1 - 23	J78R-1/2
	¾"	15 - 23	J78R-3/4
	1"	10 - 20	J78R-1

Industrial Regulators

- Service and appliance regulator
- All sizes can be installed in any position
- Inlet pressures up to 345mbar

Gas Regulators - Industrial

Type	Size	Outlet Spring (mbar)	Part No.
Female BSP	¾"	12-25	J48-3/4
	1"	12-25	J48-1
	1¼"	12-25	J48-1 1/4
	1½"	12-25	J48-1 1/2
	2"	12-25	J48-2
	2½"	12-25	J48-2 1/2
Flanged PN16	3"	12-25	J48-3
	DN65	12-25	J48-DN65
	DN80	12-25	J48-DN80
	DN100	12-25	J48-DN100
	DN150	12-25	J48-DN150

Medium Pressure Service Regulators

- Iron bodied regulator
- Fully rotational aluminium alloy diaphragm case
- Inlet pressures up to 8.6 bar

Gas Regulators - Medium Pressure

Type	Size	Outlet Spring (mbar)	Part No.
Female BSP	¾"	32-50	J125-S1-3/4
	1"	32-50	J125-S1-1
	1½"	32-70	J125-S1-1 1/2
	2"	32-70	J125-S1-2
	¾"	32-50	J125-S5-3/4
Flanged PN16	1"	32-50	J125-S5-1
	1½"	32-70	J125-S5-1 1/2
	2"	32-70	J125-S5-2

Honeywell



elster



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