



Pressure Switch

Sentinel Series

 **WILSPEC™**

ENGINEERING EXCELLENCE

System Controls

HS Series

Auto reset • SPST
Pilot Duty Loads

Wide variety of pressure fittings, both mechanical and brazed, to suit any application

High-grade stainless steel disc for reliable lifetime performance

Hermetic to support all applications

Available normally open and normally closed, in both automatic and manual reset styles

Mobile arm is carefully calibrated for maximum life of the switch

Options include a wide variety of plugs and terminals, plus quick connects and bare wire leads.

Rugged housing protects switch mechanism, ensuring reliability in the harshest environments

(See page 7 for examples of common fittings and connectors)





Safety Controls

HM Series

Manual reset • SPST / SPDT
Pilot Duty Loads



Alarm Controls

HR Series

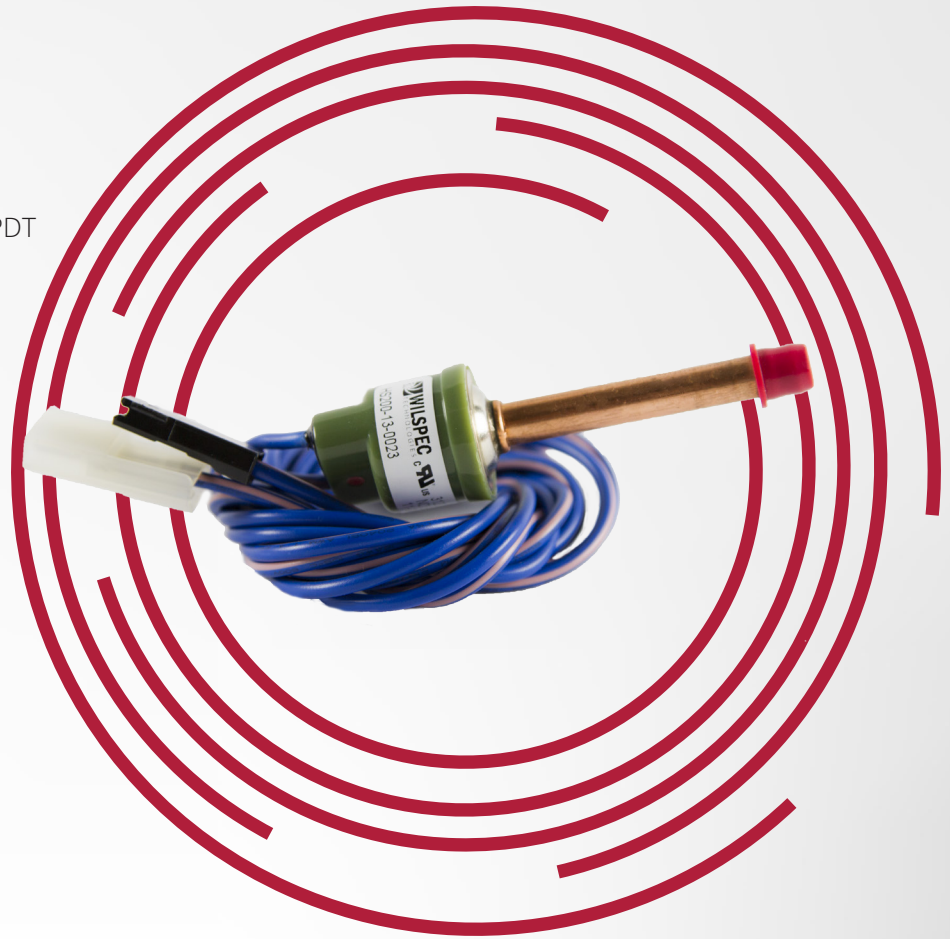
Auto reset • SPDT
Pilot Duty Loads



Industrial Controls

HC Series

Auto reset • SPST / SPDT
Motor / Pilot Duty Loads



Wilspec™ Pressure Switches feature a specially-calibrated steel disc for exceptional performance.

Our standard product lines — available for low-pressure cutout, high-pressure cutout, or fan cycling — cover an incredible variety of applications. Our switches are commonly found in HVAC/R systems, rail transport, auto and heavy truck applications and industrial systems.

Our custom products are specifically designed and built for customers whose systems require more complex components. These custom switches can be created for virtually any application.

Wilspec™ switches are available to meet a wide array of customer applications, including situations where extreme conditions or exceptional performance are essential. Durable, reliable and compact, our controls can be equipped with a nearly limitless variety of pressure fittings and electrical connections, making them the ideal controls for any system application.

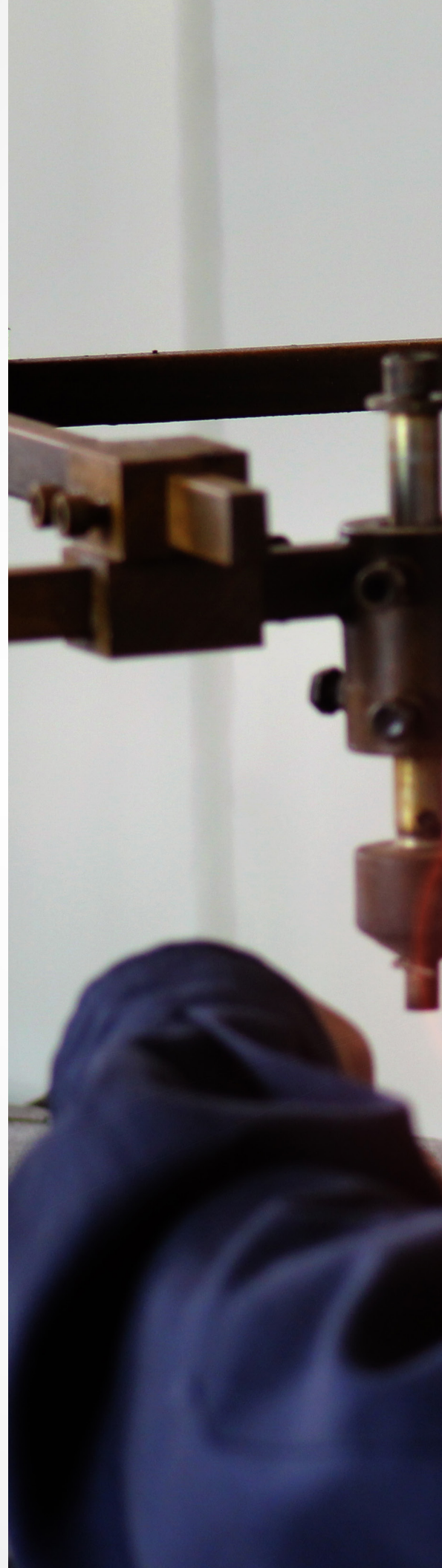


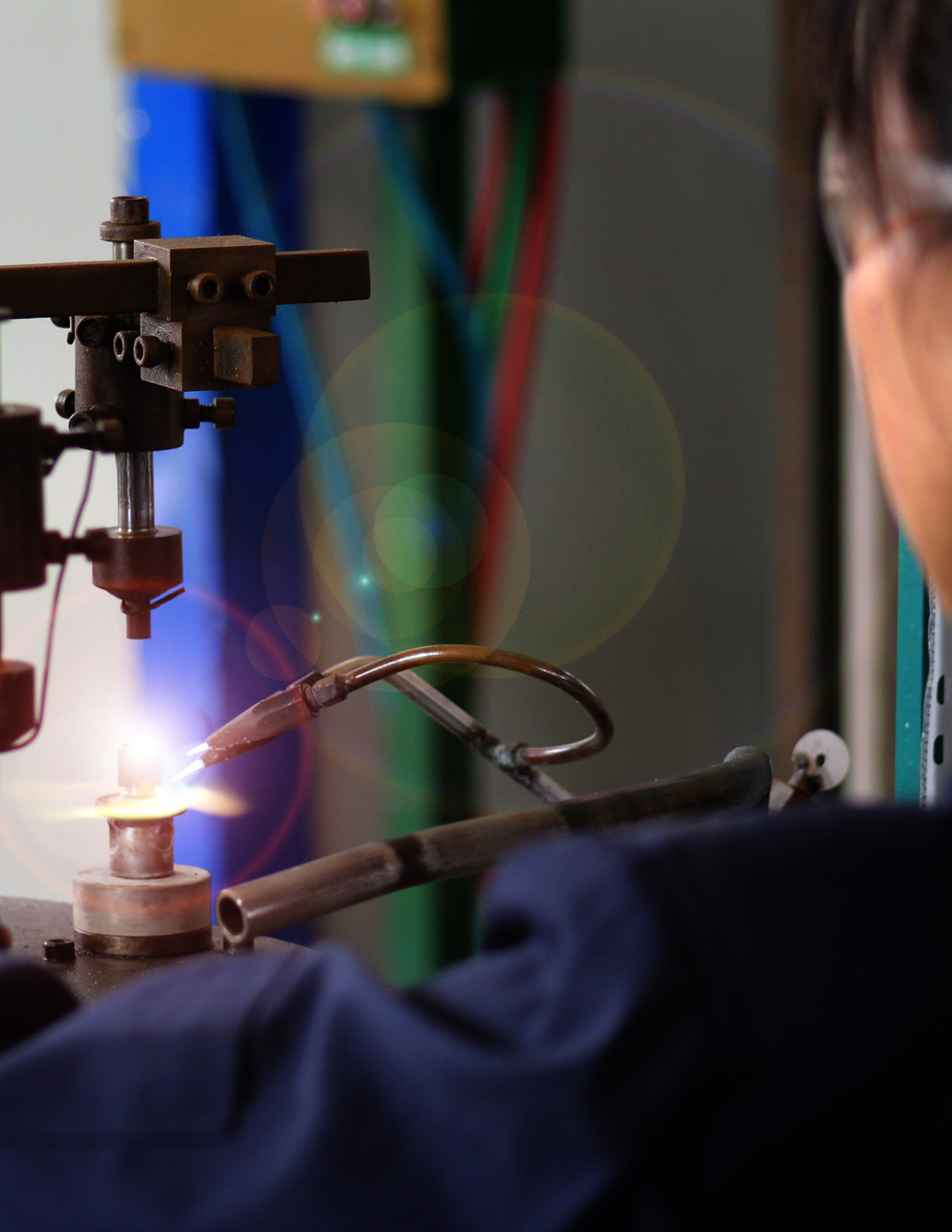
Designed and built.

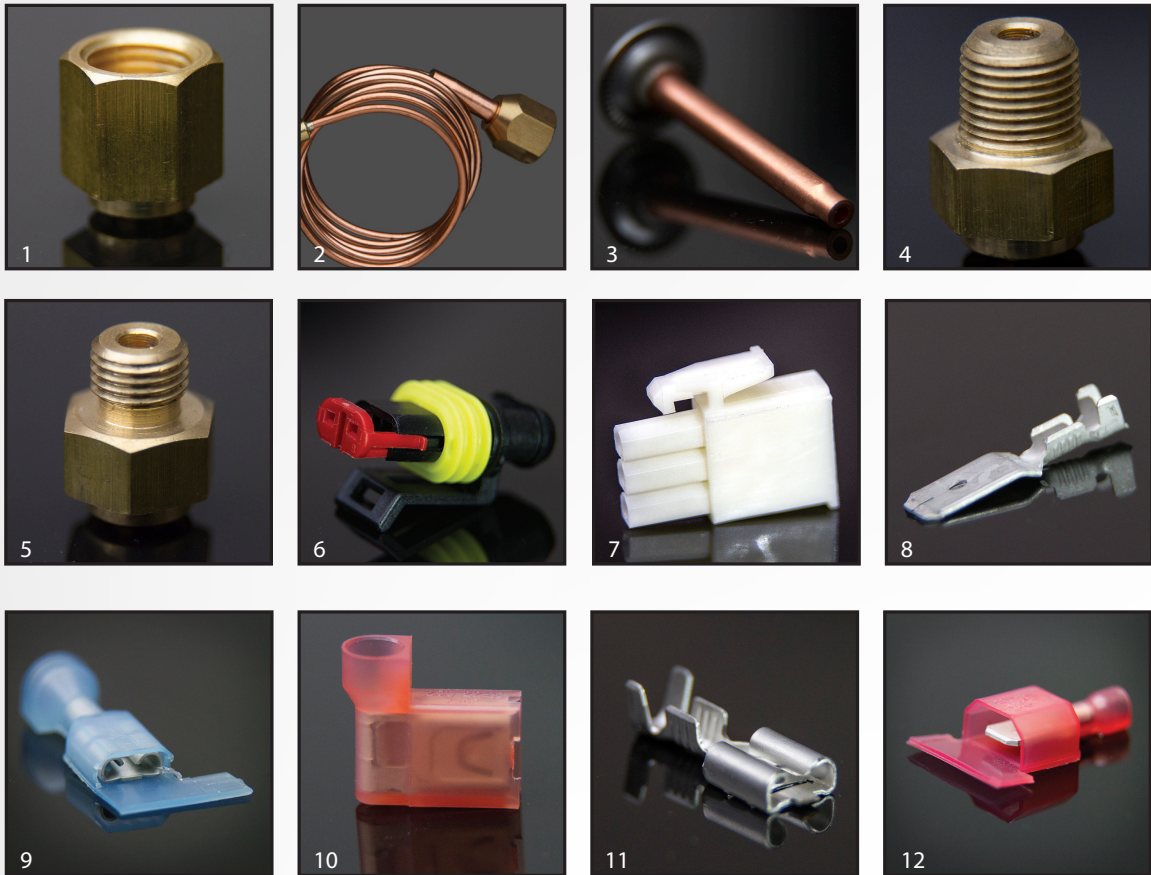
The ethos which guides the Wilspec™ brand is our commitment to superior design and reliable build quality. From our sales and support staff, to our in-house engineering team, we are dedicated to building products, solutions and relationships which are designed to last.

Wilspec™ combines a comprehensive, full-service standard product line with the flexibility required to produce highly-customized solutions for customers with more complex needs. Our wholly-owned production facilities enable us to provide cost-effective, valuable products which meet rigorous safety and reliability standards.

Because we have a global sales and support staff, we can serve our customers anywhere in the world, and at any time. From our headquarters in the United States to our offices in Europe and our sales and production facilities in Asia, our presence in every corner of the world means you are never far from a knowledgeable, accessible expert who can help find the controls your systems need.







1. 1/4" SAE FF 2. Capillary Tube 3. Swaged Cu tube Ø5mm 4. 1/8"-27 NPT 5. 3/8"-24 Male 6. IP65-rated connector
 7. Mini locking plug 8. Uninsulated quick connect 9. Insulated quick connect 10. Insulated quick connect
 11. Uninsulated quick connect 12. Insulated quick connect

FLEXIBLE OPTIONS

Wilspec® Pressure Switches are available with a wide variety of pressure fitting and electrical connectors. Whether your application requires one of our standard products or a completely custom arrangement, our broad array of options can be engineered for any system configuration.

Presented here are a few of the common fittings and connectors we supply to our customers around the world. Your Wilspec® sales representative can help you find the right options for you.



OPERATING RANGES

Parameter	Metric	English (USA)
Pressure Range	0 to 50 bar	0 to 725 psig
Minimum Proof Pressure	17 to 69 bar	250 to 800 psig
Burst Pressure	345 bar	5,000 psig
Ambient Temperature*	-40°C to 85°C	-40° to 185°F
Fluid Temperature*	-55°C to 135°C	-65° to 275°F
Storage Temperature*	-60° to 105°C	-75° to 220°F
Humidity Range	0% to 98% RH non-condensing Max dew point: 30°C	0% to 98% RH non-condensing Max dew point: 85°F

*Temperature ranges can be expanded to suit customer applications.

ELECTRICAL RATINGS

	HS/HM	HR/HL	HC
28 Vdc Resistive	2 AMP	3 AMP	15 AMP
24 Vac Pilot	125 VA	125 VA	125 VA
120-277 Vac Pilot	375 VA	375 VA	480-720 VA
120 Vac Inductive	6 FLA	6/8 FLA*	13 FLA
	36 LRA	40.2 LRA	65 LRA
240 Vac Inductive	3 FLA	4 FLA	10 FLA
	18 LRA	26 LRA	45 LRA
480 Vac Inductive	—	—	4 FLA
	—	—	24 LRA
600 Vac Inductive	—	—	3.2 FLA
	—	—	20 LRA

* HR Series can be configured for 8 FLA @ 240 Vac



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