



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Express Program Fluid Control Valves WI-MK083

►► *Automation*
Express Program

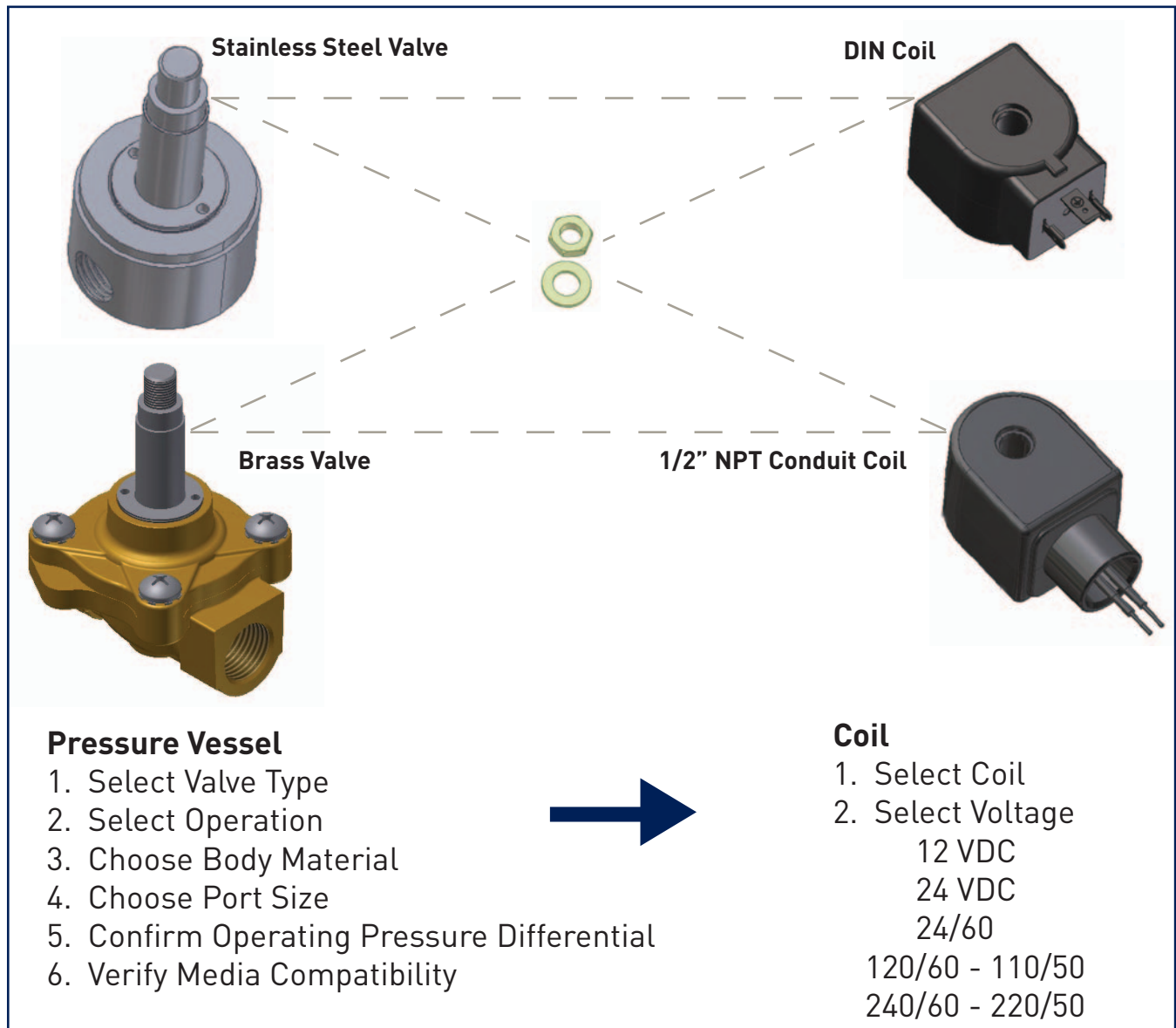


ENGINEERING YOUR SUCCESS.



HOW TO DESIGN YOUR SOLUTION

Modularity: Order a pressure vessel and mix and match the coils to make endless product capabilities.



Coils assembled to pressure vessels in the field will carry **cULus** recognized approval.

CSA approved valves available on request through Parker Canada Division, Milton location.

Parker Canada Division's Fluid Control Express Program is made up of two components.

Component 1:

Pages 3-6 refer to items that are being inventoried at Parker Canada.

Component 2:

Pages 7-14 refer to items that are available from Fluid Control Division under their quick ship program. These items can be shipped from Fluid Control Division to Parker Canada Division, Milton, Ontario within 5 working days plus freight days for a single line item of less than 50 pieces.

2-Way Direct Acting - Normally Closed - Brass



Port Size NPT	Orifice Size in.	Flow Factor Cv	Operating Pressure Differential (MOPD) PSI				Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Coil Chart
			Air, Inert			Light Oil					
			Min.	Gas	Water						
AC Voltage											
1/8	1/8	0.31	0	365	365	365	10	165	PCTFE	7121KBN1NF00	7
1/4	1/8	0.31	0	365	365	365	10	165	PCTFE	7121KBN2NF00	7
1/4	1/8	0.31	0	145	145	145	10	185	PCTFE	7121KBN2NV00	7
1/2	7/16	2.5	0	17.5	17.5	17.5	10	185	FKM	7121KBN44V00	7
DC Voltage											
1/8	1/8	0.31	0	125	125	125	10	165	PCTFE	7121KBN1NF00	7
1/4	1/8	0.31	0	125	125	125	10	165	PCTFE	7121KBN2NF00	7
1/4	1/8	0.31	0	125	125	125	10	185	FKM	7121KBN2NV00	7
1/2	7/16	2.5	0	5	5	5	10	185	FKM	7121KBN44V00	7

2-Way Direct Acting - Normally Closed - Stainless Steel

Port Size NPT	Orifice Size in.	Flow Factor Cv	Operating Pressure Differential (MOPD) PSI				Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Coil Chart
			Min.	Air, Inert Gas	Water	Light Oil					
AC Voltage											
1/8	5/32	0.38	0	100	100	100	8.5	240	FKM	20CC02QV4	9
1/4	1/8	0.28	0	200	200	200	10	185	NBR	71215SN2MN00	7
1/4	5/32	0.4	0	110	110	110	10	185	NBR	71215SN2QN00	7
3/8	3/8	2	0	6	6	6	10	185	NBR	71215SN33N00	7
DC Voltage											
1/8	5/32	0.38	0	30	30	30	8	240	FKM	20CC02QV4	9
1/4	1/8	0.28	0	150	150	150	10	185	NBR	71215SN2MN00	7



2-Way Internally Pilot Operated & Direct Lift - Normally Closed - Brass

Port Size NPT	Orifice Size in.	Flow Factor Cv	Operating Pressure Differential (MOPD) PSI				Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Coil Chart
			Air, Inert			Light					
			Min.	Gas	Water	Oil					
AC Voltage											
1/4	7/16	2	3	150	150	150	10	180	NBR	7321KBN2RN00	7
3/8	7/16	2.5	3	150	150	150	10	185	NBR	7321KBN3SN00	7
1/2	1/2	2.8	5	300	300	300	10	185	NBR	73212BN4TN00	7
1/2	5/8	4	5	150	150	150	10	185	NBR	73218BN4UN00	7
3/4	3/4	5	5	150	150	150	10	185	NBR	73218BN5VN00	7
1	1	11.7	0	230	230	230	10	185	NBR	7321GBN64N00	7
DC Voltage											
1/4	7/16	2	3	60	60	60	10	185	NBR	7321KBN2RN00	7
3/8	7/16	2.5	3	60	60	60	10	185	NBR	7321KBN3SN00	7
1/2	1/2	2.8	5	300	300	300	10	185	NBR	73212BN4TN00	7
1/2	5/8	4	5	150	150	150	10	185	NBR	73218BN4UN00	7
3/4	3/4	5	5	150	150	150	10	185	NBR	73218BN5VN00	7
1	1	12.5	5	230	230	230	10	185	NBR	7321GBN64N00	7



2-Way Direct Acting - Normally Open - Stainless Steel

Port Size NPT	Orifice Size in.	Flow Factor Cv	Operating Pressure Differential (MOPD) PSI					Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Coil Chart
			Air, Inert									
			Min.	Gas	Water	Light Oil						
AC Voltage												
1/4	3/32	0.15	0	250	250	250	10	185	NBR	71295SN2KNJ1	7	
DC Voltage												
1/4	3/32	0.15	0	250	250	250	10	185	NBR	71295SN2KNJ1	7	



3-Way Direct Acting - Normally Closed - Brass

Port Size NPT	Orifice Size in.		Flow Factor Cv		Operating Pressure Differential (MOPD) PSI				Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Coil Chart
					Air, Inert Gas			Light Oil					
	In	Out	In	Out	Min.	Gas	Water	Oil					
AC Voltage													
1/4	5/64	1/8	0.17	0.31	0	150	150	150	10	185	FKM	7131TBN2JV00	7
DC Voltage													
1/4	5/64	1/8	0.17	0.31	0	150	150	150	10	185	FKM	7131TBN2JV00	7

3-Way Direct Acting - Normally Closed - Stainless Steel

Port Size NPT	Orifice Size in.		Flow Factor Cv		Operating Pressure Differential (MOPD) PSI				Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Coil Chart
	In	Out	In	Out	Air, Inert Gas		Light Oil						
					Min.	Water							
AC Voltage													
1/4	3/64	1/16	0.062	0.095	0	250	250	250	10	185	NBR	71315SN2ENJ1	7
DC Voltage													
1/4	3/64	1/16	0.062	0.095	0	250	250	250	10	185	NBR	71315SN2ENJ1	7



3-Way Direct Acting - Normally Open - Stainless Steel

Port Size NPT	Orifice Size in.		Flow Factor Cv		Operating Pressure Differential (MOPD) PSI				Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Coil Chart
	In	Out	In	Out	Air, Inert		Light						
					Min.	Gas	Water	Oil					
DC Voltage													
1/4	3/64	1/16	0.05	0.10	0	250	250	250	10	185	NBR	71395SN2ENJ1	7

3-Way Direct Acting - Multipurpose - Stainless Steel

Port Size NPT	Orifice Size in.		Flow Factor Cv		Operating Pressure Differential (MOPD) PSI				Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Coil Chart
					Air, Inert Gas Water			Light Oil					
	N.C.	N.O.	N.C.	N.O.	Min.								
AC Voltage													
1/4	3/64	3/64	0.052	0.052	0	180	180	180	10	185	NBR	71335SN2ENJ1	7
DC Voltage													
1/4	3/64	3/64	0.052	0.052	0	180	180	180	10	185	NBR	71335SN2ENJ1	7

3-Way Internally Pilot Operated - Normally Closed - Brass



Port Size NPT	Orifice Size in.	Flow Factor Cv	Operating Pressure Differential (MOPD) PSI				Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Coil Chart
			Air, Inert			Light Oil					
			Min.	Gas	Water						
AC Voltage											
1/4	1/4	1.250	30	150	—	—	10	167	NBR	73317BN2PN00	7
DC Voltage											
1/4	1/4	1.20	30	150	—	—	10	167	NBR	73317BN2PN00	7

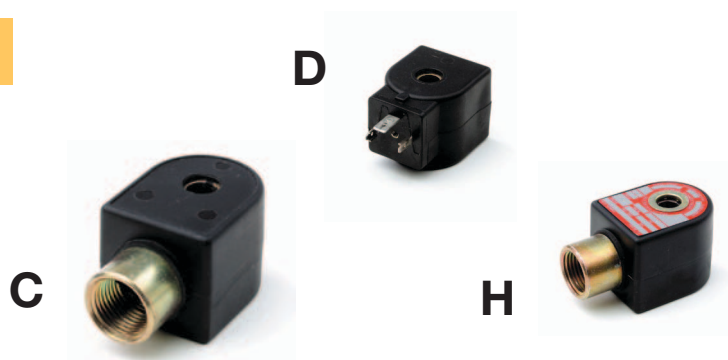
Coil Reference Chart

Skinner®	Voltage	1/2" NPT Conduit*	DIN 43650A/ISO4400	Hazardous**
CHART 7 10 watts, Class F	24/60	C111B2	D100B2	—
	120/60-110/50	C111P3	D100P3	H111P3
	240/60-220/50	C111Q3	D100Q3	H111Q3
	12VDC	C111C1	D100C1	H111C1
	24VDC	C111C2	D100C2	H111C2
CHART 7 10 watts, Class H	120/60-110/50	C222P3		
	240/60-220/50	—		
	12VDC	—		
	24VDC	—		
CHART 8 22 watts, Class H	120/60-110/50	C322P3		
	12VDC	C322C1		
	24VDC	C322C2		

* 18" Lead Wires, Nema 1, 2, 3, 4, 4X

** Hazardous location coil approval: Class I, Div I & II, Groups A, B, C, D; Class II, Div I & II, Groups E, F, G; Class III, Div I.

Coil Styles



Fluid Control Division Quick Ship Products ^Δ

^Δ Pages 7-14 refer to items that are available from Fluid Control Division under their quick ship program. These items can be shipped from Fluid Control Division to Parker Canada Division, Milton, Ontario within 5 working days plus freight days for a single line item of less than 50 pieces.



2-Way Direct Acting - Normally Closed - Brass

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/4	7121KBN2QV00	7

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/4	7121KBN2QV00	7

2-Way Direct Acting - Normally Closed - Stainless Steel

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/8	71215SN1MN00	7
1/8	20CC02EV4	9
1/8	20CC02GV4	9
1/8	20CC02LV4	9
1/8	20CC02MV4	9
1/8	20CC02PV4	9
1/4	71216SN2BL00	7
1/4	71216SN2FU00	7
1/4	71215SN2EN00	7
1/4	71215SN2GN00	7
1/4	71215SN2KN00	7
1/4	71215SN2MN00	7
1/4	71215SN2QN00	7
1/4	71215SN2SN00	7
1/4	71215SN2VN00	7
1/4	71215SN21N00	7
3/8	71215SN33N00	7

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/8	71215SN1MN00	7
1/8	20CC02EV4	9
1/8	20CC02GV4	9
1/8	20CC02LV4	9
1/8	20CC02MV4	9
1/8	20CC02PV4	9
1/4	71215SN2EN00	7
1/4	71216SN2BL00	7
1/4	71216SN2BL00	8
1/4	71216SN2FU00	7
1/4	71216SN2FU00	8
1/4	71215SN2GN00	7
1/4	71215SN2KN00	7

Fluid Control Division Quick Ship Products ^Δ

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2-Way Direct Acting - Normally Open - Brass

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/4	04F2001106ACF	4
1/4	7122KBN2LF00	7
1/4	04F2002118ACF	4

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/4	7122KBN2LF00	7

2-Way Direct Acting - Normally Open - Stainless Steel

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/8	20CF02EVA	9
1/8	20CC02LV4	9

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/8	20CF02EVA	9
1/8	20CF02LV4	9

2-Way Normally Closed Steam and Hot Water - Brass

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/2	08FS3C2340ACF	4
1/2	08FS5C2432ACH	Below
3/4	12FS3C2348ACF	4
3/4	72218BN5VE00	7
3/4	12FS5C2448ACH	Below
1	16FS5C2464ACH	Below
1	7221GBN64E00	7
1 1/2	24FS4C2380AAF	1

Gold Ring TM	Voltage	1/2" NPT Conduit*
11 Watts	24/60	CH4C01
Class H	120/60	CH4C05
	240/60	CH4C15

* 18" Lead Wires, Nema 1, 2, 3, 4, 4X

Fluid Control Division Quick Ship Products ^Δ

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2-Way Internally Pilot Operated and Direct Lift - Normally Closed - Brass

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
3/8	7321KBN3SN00	7
1/2	73212BN4TN00	7
1/2	7221GBN4VN00	7
3/4	12F22C2148AAF	1
3/4	12F23C2148ACF	4
3/4	7221GBN51N00	7
1	16F24C2164AAF	1
1	7221GBN64N00	7
1	7221GBN64V00	7
1 1/4	20F24C2172AAF	1
1 1/2	24F24C2180AAF	1
2	7321GBN99N00	7

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/4	73216BN2MT00	7
1/4	73212BN2MN00	7
1/4	04F25C2122C3F	6
3/8	06F22C2140A3F	6
1/2	7221GBN4VN00	8
1/2	73218BN4UN00	7
1/2	08F22C2140A3F	6
3/4	12F22C2148A3F	6
3/4	7221GBN51N00	8
1	16F24C2164A3F	6
1	7221GBN64N00	8
1	7221GBN64V00	8
1 1/4	20F24C2172A3F	6
1 1/2	24F24C2180A3F	6
2	7321GBN99N00	7

Fluid Control Division Quick Ship Products ^Δ

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2-Way Direct Lift - Normally Closed - Stainless Steel

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/2	08F23C614ACF	4
1/2	72218RN4UV00	7
3/4	12F232C6148ACF	4

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/2	72218RN4UV00	8

2-Way Direct Lift - Normally Open - Brass

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/2	08F23O2140ACF	4
3/4	12F23O2148ACF	4

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/2	08F23O2140A3F	6

2-Way Direct Lift - Normally Open - Stainless Steel

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/2	72228RN4UV00	8

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/2	72228RN4UV00	8

Fluid Control Division Quick Ship Products ^Δ

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3-Way Direct Acting - Normally Closed - Brass

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/4	7131KBN2JV00	7
1/4	7131TBN2LV00	7

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/4	7131TBN2JV00	7
1/4	7131TBN2LV00	7

3-Way Direct Acting - Normally Closed - Stainless Steel

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/8	71315SN1GNJ1	7
1/8	30CC02EV4	9
1/8	30CC02GV4	9
1/8	30CC02MV4	9
1/4	71315SN2GNJ1	7
1/4	71315SN2KNJ1	7
1/4	71315SN2MNJ1	7

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/8	71315SN1GNJ1	7
1/8	30CC02EV4	9
1/8	30CC02GV4	9
1/8	30CC02MV4	9
1/4	71315SN2GNJ1	7
1/4	71315SN2KNJ1	7
1/4	71315SN2MNJ1	7

3-Way Direct Acting - Normally Open - Stainless Steel

Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage		
1/8	30CF02EV4	9
1/4	71395SN2GNJ1	7

Port Size NPT	Pressure Vessel Number	Coil Chart
DC Voltage		
1/8	30CF02EV4	9
1/4	71395SN2GNJ1	7

Fluid Control Division Quick Ship Products ^Δ

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3-Way Direct Acting - Multipurpose - Brass

Port Size NPT	Pressure Vessel Number	Coil Chart	Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage			DC Voltage		
1/4	7133TBN2JV00	7	1/4	7133TBN2JV00	7

3-Way Direct Acting - Multipurpose - Stainless Steel

Port Size NPT	Pressure Vessel Number	Coil Chart	Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage			DC Voltage		
1/8	30CU02EV4	9	1/8	30CU02EV4	9
1/8	30CU02GV4	9	1/8	30CU02GV4	9
1/4	71335SN2ANJ1	7	1/4	71335SN2ANJ1	7
1/4	71335SN2ENJ1	7	1/4	71335SN2ENJ1	7
1/4	71335SN2GNJ1	7	1/4	71335SN2GNJ1	7
1/4	71335SN2KNJ1	7	1/4	71335SN2KNJ1	7

3-Way Internally Pilot Operated - Normally Closed - Brass

Port Size NPT	Pressure Vessel Number	Coil Chart	Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage			DC Voltage		
1/4	73317BN2PN00	7	1/4	73317BN2PN00	7
3/8	73312BN3RNJ0	7	3/8	73312BN3RNJ0	7
1/2	73312BN4UNJ0	7	1/2	73312BN4UNJ0	7
3/4	73312BN52NJ0	7	3/4	73312BN52NJ0	7

Fluid Control Division Quick Ship Products ^Δ

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3-Way Internally Pilot Operated - Normally Closed - Aluminum

Port Size NPT	Pressure Vessel Number	Coil Chart	Port Size NPT	Pressure Vessel Number	Coil Chart
AC Voltage			DC Voltage		
NAMUR	U341N05*	Below	NAMUR	U341N05*	Below

* Function of valve is dependent on the position of the conversion plate.

Coil Styles for NAMUR

Voltage	DIN 43650B	Hazardous
12 VDC	ND1A	NH1A
24 VDC	ND1B	NH1B
24/60	ND1E	-
120/60	-	NH1C
240/60	-	NH1D
120/50 - 60	ND1F	-
240/50 - 60	ND1G	-

Coils

Please refer to the coil chart number within the catalog to find the correct coil in the chart below.

Gold Ring™	Voltage	1/2" NPT Conduit*	DIN 43650A/ISO4400
CHART 1 6 watts, Class F	24/60	AF4C01	—
	120/60-110/50	AF4C05	AFPH05
	240/60-220/50	AF4C15	AFPH15

Gold Ring™	Voltage	1/2" NPT Conduit*	DIN 43650A/ISO4400
CHART 4 11 watts, Class F	24/60	CF4C01	—
	120/60-110/50	CF4C05	CFPH05
	240/60-220/50	CF4C15	CFPH15
CHART 5 16 watts, Class F	24/60	DF4C01	—
	120/60-110/50	DF4C05	DFPH05
	240/60-220/50	DF4C15	DFPH15
CHART 6 11.5 watts, Class F	12VDC	3F4C75	3FPH75
	24VDC	3F4C80	3FPH80

Skinner®	Voltage	1/2" NPT Conduit*	DIN 43650A/ISO4400	Hazardous**
CHART 7 10 watts, Class F	24/60	C111B2	D100B2	—
	120/60-110/50	C111P3	D100P3	H111P3
	240/60-220/50	C111Q3	D100Q3	H111Q3
	12VDC	C111C1	D100C1	H111C1
	24VDC	C111C2	D100C2	H111C2
CHART 7 10 watts, Class H	120/60-110/50	C222P3	—	H222P3
	240/60-220/50	C222Q3	—	H222Q3
	12VDC	C222C1	—	—
	24VDC	C222C2	—	H222C2
CHART 8 22 watts, Class H	120/60-110/50	C322P3	—	H322P3
	12VDC	C322C1	—	H322C1
	24VDC	C322C2	—	H322C2

Skinner®	Voltage	1/2" NPT Conduit*	DIN 43650A/ISO4400	18" Leads
CHART 9 AC 10 watts*** DC 8 watts Class F	24/60	C4E	—	B4E
	120/60-110/50	C4F	—	B4F
	240/60-220/50	C4G	—	B4G
	12VDC	C4A	—	B4A
	24VDC	C4B	—	B4B
CHART 9 AC 10 watts*** DC 8 watts Class H	24/60	—	D6E	—
	120/60-110/50	—	D6F	—
	240/60-220/50	—	D6G	—
	12VDC	—	D6A	—
	24VDC	—	D6B	—

* 18" Lead Wires, Nema 1, 2, 3, 4, 4X

** Hazardous location coil approval: Class I, Div I & II, Groups A, B, C, D; Class II, Div I & II, Groups E, F, G; Class III, Div I.

*** 8.5 Watt For 2 - Way Normally Closed AC



For additional Parker Canada Express Products please visit www.parker.com/PCDEpress
For additional product information please see catalogue [FCDL0911](#)



Parker Canada Division
Milton (905) 693-3000
Montreal (514) 684-3000
Calgary (403) 291-9100

pcdmktg@parker.com

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www.parker.com