


# 3/4" & 1" Steel Door Recessed Switch Set

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## 180 / 184 / 8080-T Series



- ◆ Recessed magnetic contact
- ◆ 12" #22AWG leads or screw terminals
- ◆ Longer leads, zip cord or jacketed cable upon request
- ◆ Built in E.O.L. Resistors and Diodes upon request
  - ◆ Supervisory Loops upon request
  - ◆ Colors white, brown, gray, black
  - ◆  Indicates U.L. 10C Fire Rated



180-12






184-12 CE



8484-T



8080-T

		Part Numbers			
		<u>Closed Loop</u>	<u>Open Loop</u>	<u>SPDT</u>	<u>DPDT</u>
Standard Gap up to 1/2" on steel*	3/4" Dia.	180-12 	185-12	190-12	195-12
	1" Dia.	CE {184-12}	189-12	194-12	CE {199-12}
	3/4" Dia.	8080-T	8585-T		
	1" Dia.	8484-T	8989-T		
Wide Gap 3/4"+ on steel*	3/4" Dia.	180-12WG 	185-12WG	190-12WG	195-12WG
	1" Dia.	184-12WG 	189-12WG	194-12WG	199-12WG
	3/4" Dia.	8080-TWG	8585-TWG		
	1" Dia.	8484-TWG	8989-TWG		

7/8" Diameter also available. P/N 81-12 & 81-12WG, white or black only. Call the factory for more information.

## INSTALLATION APPLICATIONS

The GRI 180-12 is the industry standard 3/4" diameter recessed steel door switch set with 12" leads. The innovative GRI 8080-T series is a 3/4" diameter recessed switch set designed for residential, commercial and industrial doors and frames. The shorter length terminals makes the installation of the set quick and simple.

**WARRANTY:** Lifetime warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.  
G.R.I. PLAZA  
KIMBALL, NE 69145

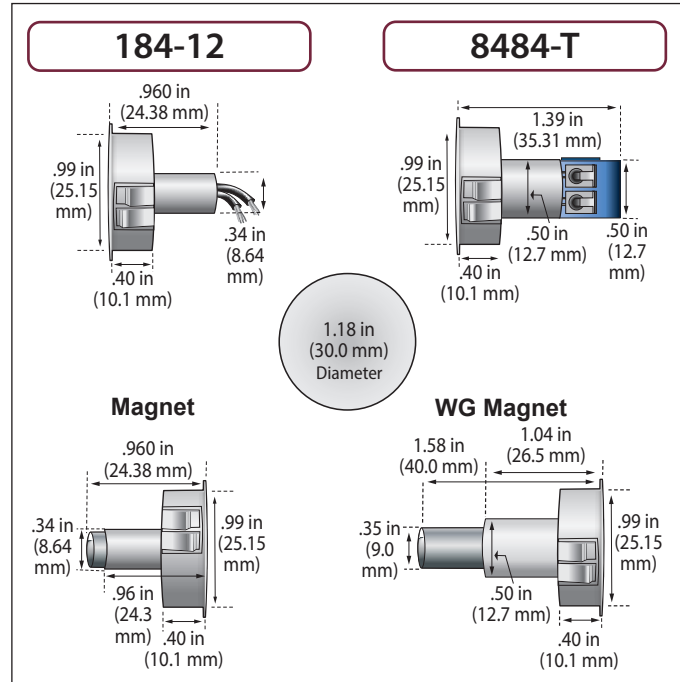
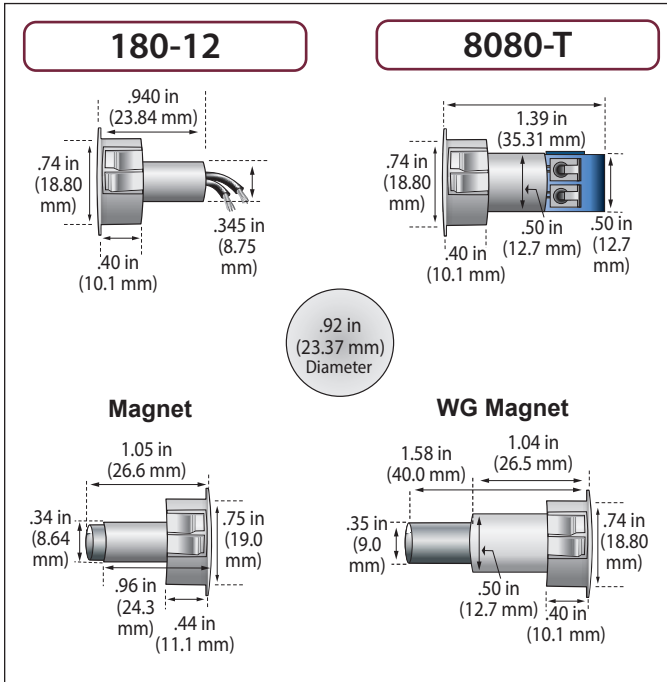
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**GRI PRODUCTS MEET OR EXCEED THESE MINIMUM GENERAL SPECIFICATIONS:**

Part Number	Loop Type	Electrical Configuration	Reed Form	Maximum Initial Contact Resistance (Ω)	Max. Contact Rating (W)	Max. Switching Voltage (VDC)	Max. Switching Current (A)
180-12	Closed	N/O	A	.150	10	200	.400
180-12WG	Closed	N/O	A	.150	10	200	.400
184-12	Closed	N/O	A	.150	10	200	.400
184-12WG	Closed	N/O	A	.150	10	200	.400
8080-T	Closed	N/O	A	.150	10	160	.400
8080-TWG	Closed	N/O	A	.150	10	160	.400
8484-T	Closed	N/O	A	.150	10	160	.400
8484-TWG	Closed	N/O	A	.150	10	160	.400
185-12	Open	N/C	B	.140	5	175	.250
185-12WG	Open	N/C	B	.140	5	175	.250
189-12	Open	N/C	B	.140	5	175	.250
189-12WG	Open	N/C	B	.140	5	175	.250
8585-T	Open	N/C	B	.140	5	175	.250
8585-TWG	Open	N/C	B	.140	5	175	.250
8989-T	Open	N/C	B	.140	5	175	.250
8989-TWG	Open	N/C	B	.140	5	175	.250
190-12	Open/Closed	SPDT	C	.140	5	175	.250
190-12WG	Open/Closed	SPDT	C	.140	5	175	.250
194-12	Open/Closed	SPDT	C	.140	5	175	.250
194-12WG	Open/Closed	SPDT	C	.140	5	175	.250
195-12		DPDT	Cx2	.140	5	175	.250
195-12WG		DPDT	Cx2	.140	5	175	.250
199-12		DPDT	Cx2	.140	5	175	.250
199-12WG		DPDT	Cx2	.140	5	175	.250

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