20F Series 3/8" Flanged Recessed Switch Sets



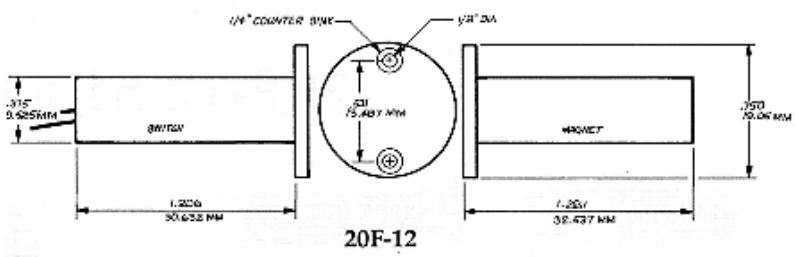
20F-12
Recessed Switch Set



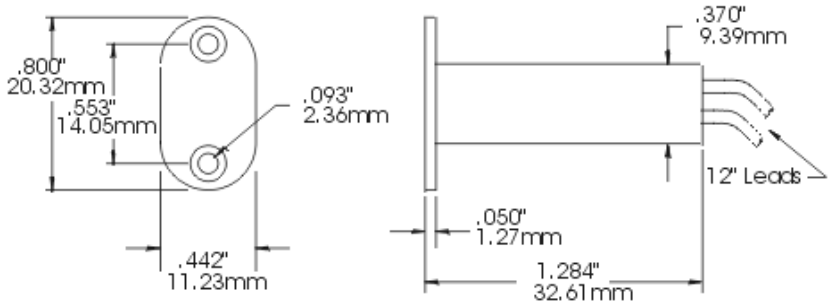
20 OF-12
Recessed Switch Set

- Lifetime Warranty
- Colors: White, Brown, Gray or Black
- UL and ULC Approved
- Available in Closed Loop, Open Loop, SPDT and DPDT
- Standard 12" Leads
- Longer Leads, Zip Cord or Jacketed Cable on Request
- Built-in E.O.L. Resistors and Diodes Available on Request
- Switches or Magnets are Available Separately
- Round or Oval Flange Available
- Standard Gap 1/2"+
- Wide Gap 1"+
- Extra Wide Gap 1 1/2"+
- Supervisory Loops Available

The 20F and 20 OF Series are a flush mount design that enable the installer to combine the security of a screw mount flanged switch with the concealment of a press fit switch. They have been used in hollow aluminum frames where inadequate material depth will not reliably retain a press fit switch and in holes that have been drilled or have somehow become slightly oversized. They are available in 1/2" to 1 1/2" gap. Mounting hardware is provided.



20F-12



20 OF-12
Recessed Switch Set

RECESSED 3/8" FLANGED SWITCH SET

20F/20 OF SERIES

UL LISTED ULC LISTED

- Recessed Magnetic Contact
- Round or Oval Screw Down Flange
- 12" Leads #22AWG Leads
- Longer Leads, Zip Cord or Jacketed Cable Upon Request
- Hermetically Sealed
- Plated Contacts Resist Sticking or Freezing
- Mounting Hardware Included
- Built-in E.O.L. Resistors and Diodes Upon Request
- Switches and Magnets Available Separately
- Colors: White, Brown, Gray, Black
- Lifetime Warranty



20F-12



20OF-12

PART NUMBERS:

	Closed Loop	Open Loop	SPDT	DPDT
Standard	20F-12	30F-12	40F-12	45F-12
Gap 1/2"+	20OF-12	30OF-12	40OF-12	45OF-12
Wide Gap	20F-12WG	30F-12WG	40F-12WG	45F-12WG
Gap 1"+	20OF-12WG	30OF-12WG	40OF-12WG	45OF-12WG
Extra Wide Gap	20F-12XWG	30F-12XWG	40F-12XWG	45F-12XWG
Gap 1 1/2"+	20OF-12XWG	30OF-12XWG	40OF-12XWG	45OF-12XWG

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

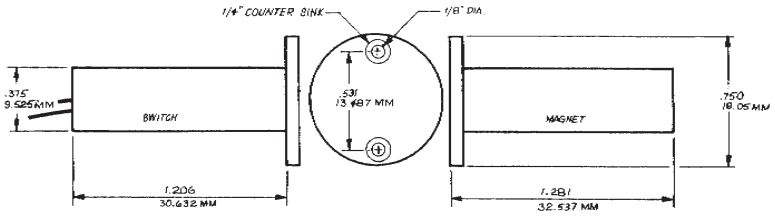
MADE IN U.S.A.

TOLL-FREE 1-800-445-5218
TOLL-FREE 1-800-523-1227
(308) 235-4645
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E-MAIL: sales@grisk.com
WEB SITE: www.grisk.com

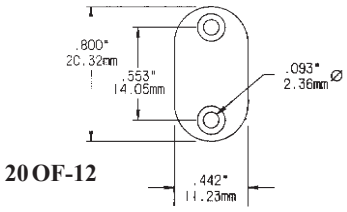
RECESSED 3/8" FLANGED SWITCH SET

INSTALLATION APPLICATIONS:

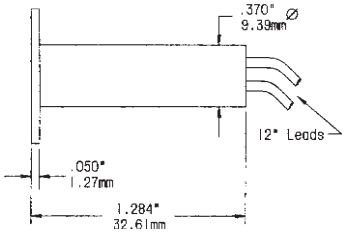
The 20F and 20OF series are a flush mount design that enable the installer to combine the security of a screw mount flanged switch with the concealment of a press fit switch. They have been used in hollow aluminum frames where inadequate material depth will not reliably retain a press fit switch and in holes that have been drilled or have somehow become slightly oversized. They are available in 1/2 inch to 1 1/2 inch gap and mounting hardware is provided.



20F-12



20OF-12



GRI products meet or exceed these minimum general specifications:

PART NUMBER	LOOP TYPE	ELECTRICAL CONFIG.	REED FORM	MAXIMUM INITIAL CONTACT RESISTANCE (Ω)	MAXIMUM CONTACT RATING (W)	MAXIMUM SWITCHING VOLTAGE (VDC)	MAXIMUM SWITCHING CURRENT (A)
20F-12	Closed	N/O	A	.150	10	200	.500
20F-12WG	Closed	N/O	A	.150	10	200	.500
20F-12XWG	Closed	N/O	A	.150	10	200	.500
20 OF-12	Closed	N/O	A	.150	10	200	.500
20 OF-12WG	Closed	N/O	A	.150	10	200	.500
20 OF-12XWG	Closed	N/O	A	.150	10	200	.500
30F-12	Open	N/C	B	.140	5	175VDC	.250
30F-12WG	Open	N/C	B	.140	5	175VDC	.250
30F-12XWG	Open	N/C	B	.140	5	175VDC	.250
30 OF-12	Open	N/C	B	.140	5	175VDC	.250
30 OF-12WG	Open	N/C	B	.140	5	175VDC	.250
30 OF-12XWG	Open	N/C	B	.140	5	175VDC	.250
40F-12	Open/Closed	SPDT	C	.140	5	175VDC	.250
40F-12WG	Open/Closed	SPDT	C	.140	5	175VDC	.250
40F-12XWG	Open/Closed	SPDT	C	.140	5	175VDC	.250
40 OF-12	Open/Closed	SPDT	C	.140	5	175VDC	.250
40 OF-12WG	Open/Closed	SPDT	C	.140	5	175VDC	.250
40 OF-12XWG	Open/Closed	SPDT	C	.140	5	175VDC	.250
45F-12	Open/Closed	DPDT	Cx2	.140	5	175VDC	.250
45F-12WG	Open/Closed	DPDT	Cx2	.140	5	175VDC	.250
45 OF-12	Open/Closed	DPDT	Cx2	.140	5	175VDC	.250
45 OF-12WG	Open/Closed	DPDT	Cx2	.140	5	175VDC	.250
45 OF-12XWG	Open/Closed	DPDT	Cx2	.140	5	175VDC	.250

WARRANTY:

Lifetime warranty against workmanship, material and factory defects.

CONTACT YOUR G.R.I. DISTRIBUTOR OR CALL:

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BA-65 Rev. I 10/07/2013