



**SPECIFICATIONS: By Part Number**  
Standard and Miniature Modules

Type/Function		Grayhill Part Number						
Miniature, Normally Open		70M-ODC5	70M-ODC5A	70M-ODC5B	70M-ODC15	70M-ODC15B	70M-ODC24	70M-ODC24B
Standard, Normally Open		70-ODC5	70-ODC5A	70-ODC5B	70-ODC15	70-ODC15B	70-ODC24	70-ODC24B
Specifications	Units							
Maximum Line Voltage	Vdc	60	200	60	60	60	60	60
Load Voltage Range	Vdc	3-60	4-200	3-60	3-60	3-60	3-60	3-60
Max. Off-State Leakage @ Max. Line	mA	1.5	0.01	0.01	1.5	0.01	1.5	0.01
Maximum Turn-On Time	µSec	20	75	75	20	75	20	75
Maximum Turn-Off Time	µSec	50	750	500	50	500	50	500
Typ. Power Dissipation	W/A	1	1.5	1	1	1	1	1
Clamping Voltage	Vdc	80	360	80	80	80	80	80
Nominal Logic Voltage (Vcc)	Vdc	5	5	5	15	15	24	24
Logic Voltage Range	Vdc	2.5-10	2.5-9	2.5-10	10-18	10-18	15-30	15-30
Maximum Logic Supply Current @ Nominal Vcc	mA	14	18	14	9	9	9	9
Nominal Input Resistance (Rx)	Ω	300	220	300	1800	1800	2700	2700
Minimum Drop Out Voltage	Vdc	1	1	1	1	1	1	1

**G5 and OpenLine® Modules**

Type/Function		Grayhill Part Number						
Fusible, Normally Open		70G-ODC5	70G-ODC5A	70G-ODC5B	70G-ODC15	70G-ODC15B	70G-ODC24	70G-ODC24B
Specifications	Units							
Maximum Line Voltage	Vdc	60	200	60	60	60	60	60
Load Voltage Range	Vdc	3-60	4-200	3-60	3-60	3-60	3-60	3-60
Max. Off-State Leakage @ Max. Line	mA	1.5	0.01	0.01	1.5	0.01	1.5	0.01
Maximum Turn-On Time	µSec	20	75	75	20	75	20	75
Maximum Turn-Off Time	µSec	50	750	500	50	500	50	500
Typ. Power Dissipation	W/A	1	1.5	1	1	1	1	1
Clamping Voltage	Vdc	80	360	80	80	80	80	80
Nominal Logic Voltage (Vcc)	Vdc	5	5	5	15	15	24	24
Logic Voltage Range	Vdc	4-6	4-6	4-6	10-20	10-20	18-32	18-32
Maximum Logic Supply Current @ Nominal Vcc	mA	13	13	13	9	9	9	9
Nominal Input Resistance (Rx)	Ω	150	150	150	1500	1500	2700	2700
Minimum Drop Out Voltage	Vdc	1	1	1	1	1	1	1

**OpenLine® Modules**

Type/Function		Grayhill Part Number		
Dual, Fusible, Normally Open		70L-ODC	70L-ODCA	70L-ODCB
Specifications	Units			
Maximum Line Voltage	Vdc	60	200	60
Load Voltage Range	Vdc	3-60	4-200	3-60
Max. Off-State Leakage @ Max. Line	mA	1.5	.01	.01
Maximum Turn-On Time	µSec	20	75	75
Maximum Turn-Off Time	µSec	50	750	500
Typ. Power Dissipation	WA	1	1.5	1
Clamping Voltage	Vdc	80	360	80
Nominal Logic Voltage (Vcc)	Vdc	5	5	5
Logic Voltage Range	Vdc	4.5-28	4.5-28	4.5-28
Maximum Logic Supply Current @ Nominal Vcc	mA	7/CH	7/CH	7/CH
Module ID Resistance to Logic Ground	Ω	2.15K	2.15K	2.15K
Minimum Drop Out Voltage	Vdc	1	1	1

Available from your local Grayhill Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.

I/O Modules