

SPECIFICATIONS: By Part Number

Standard and Miniature Modules

Type/Function		Grayhill Part Number			
Miniature, Non-Polarized		70M-IDC5G	70M-IDC5NP	70M-IDC15NP	
Standard, Non-Polarized		70-IDC5G	70-IDC5NP	70-IDC15NP	70-IDC24NP
Specifications	Units				
Maximum Input Voltage	Vac/Vdc	60	32	32	32
Input Voltage Range ¹	Vac/Vdc	35-60	15-32/10-32	15-32/10-32	15-32/10-32
Input Current @ Max. Input Voltage	mA	6	18	18	18
Maximum Turn-on Time	mSec	10	5	5	5
Maximum Turn-off Time	mSec	10	5	5	5
Nominal Input Resistance (Rx)	W	10K	1.8K	1.8K	1.8K
Maximum Pick Up Voltage (Output Low)	Vac/Vdc	35	15/10	15/10	15/10
Minimum Drop Out Voltage (Output High)	Vac/Vdc	9	3	3	3
Nominal Logic Voltage (Vcc)	Vdc	5	5	15	24
Logic Voltage Range	Vdc	3-6	3-6	8-18	15-30
Max. Logic Supply Current @ Nominal Vcc	mA	10	10	10	10

G5 Modules

Type/Function		Grayhill Part Number		
G5, Non-Polarized, Status LED		70G-IDC5G	70G-IDC5NP	70G-IDC15NP
Specifications	Units			
Maximum Input Voltage	Vac/Vdc	60	32	32
Input Voltage Range ¹	Vac/Vdc	35-60	15-32/10-32	15-32/10-32
Input Current @ Max. Input Voltage	mA	6	18	18
Maximum Turn-on Time	mSec	10	5	5
Maximum Turn-off Time	mSec	10	5	5
Nominal Input Resistance (Rx)	W	10K	1.8K	1.8K
Maximum Pick Up Voltage (Output Low)	Vac/Vdc	35	15/10	15/10
Minimum Drop Out Voltage (Output High)	Vac/Vdc	9	3	3
Nominal Logic Voltage (Vcc)	Vdc	5	5	15
Logic Voltage Range: Std & Mini	Vdc	4.5-6	4.5-6	10-18
Max. Logic Supply Current @ Nominal Vcc	mA	10	10	10

OpenLine® Modules

Type/Function		Grayhill Part Number
Dual, Non-Polarized, Status LED		70L-IDCNP
Specifications	Units	
Maximum Input Voltage	Vac/Vdc	32
Input Voltage Range ¹	Vac/Vdc	15-32/10-32
Input Current @ Max. Input Voltage	mA	17
Maximum Turn-on Time	mSec	5
Maximum Turn-off Time	mSec	5
Nominal Input Resistance (Rx)	W	1.9K
Maximum Pick Up Voltage (Output Low)	Vac/Vdc	5/10
Minimum Drop Out Voltage (Output High)	Vac/Vdc	3
Nominal Logic Voltage (Vcc)	Vdc	5
Logic Voltage Range	Vdc	4.5-28
Max. Logic Supply Current @ Nominal Vcc	mA	6/CH
Module ID Resistance to Logic Ground	W	0

¹ For input voltages in the range of 90 to 140 Vdc, use AC input modules 70-IAC5, 70M-IAC5, 70G-IAC5 or 70L-IAC. For input voltages in the range of 180 to 280 Vdc, use AC input modules 70-IAC5A, 70M-IAC5A, 70G-IAC5A or 70L-IAC.

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