

HF GD3-2

D-SUB Interface Module



Features

- D-sub to double row terminal block wiring, saving space
- Wide range of wiring capacity (0.2-2.5mm²)

CHARACTERISTIC

INPUT

Nominal Voltage	24VDC
Rated current Per Channel	Approox.2A
Wiring polarity	No polarity
Terminal type	D-SUB

OUTPUT

Max. working voltage	24VDC
Wiring polarity	No polarity
Max. switching current	2A/Channel
Max. continuous current	2A/Channel
Terminal type	Terminal block(See Annex 1)
Control Channel Qty	32
Wiring type	Slotted screw(M3)
Conductor Cross Section	0.2~2.5mm ² (solid wire)

ENVIRONMENTAL AND SAFETY REGULATIONS

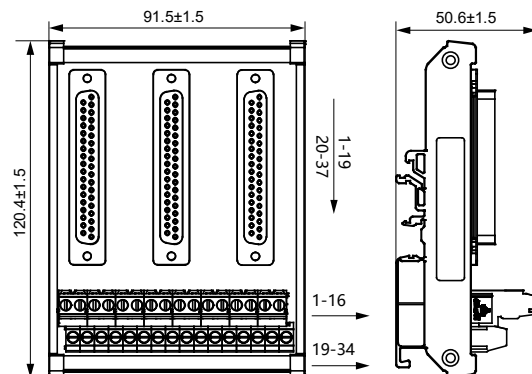
Ambient temperature	-20~55℃
Storage temperature	-20~55℃
Installation method	DIN35 DIN-G
Standard compliance	IEC61010-1
Dielectric strength	0.5kV
Between output(50Hz, 1min)	
Surge voltage(1.2/50μs)	50VDC
Outline dimensions	91.5×mm×120.4mm×50.6mm
length×width×height	

CIRCUIT DIAGRAM

Terminal		D-SUB	Channel	Terminal		D-SUB	Channel
1	○	○ 1	1	19	○	○ 19	17
2	○	○ 2	2	20	○	○ 20	18
3	○	○ 3	3	21	○	○ 21	19
4	○	○ 4	4	22	○	○ 22	20
5	○	○ 5	5	23	○	○ 23	21
6	○	○ 6	6	24	○	○ 24	22
7	○	○ 7	7	25	○	○ 25	23
8	○	○ 8	8	26	○	○ 26	24
9	○	○ 9	9	27	○	○ 27	25
10	○	○ 10	10	28	○	○ 28	26
11	○	○ 11	11	29	○	○ 29	27
12	○	○ 12	12	30	○	○ 30	28
13	○	○ 13	13	31	○	○ 31	29
14	○	○ 14	14	32	○	○ 32	30
15	○	○ 15	15	33	○	○ 33	31
16	○	○ 16	16	34	○	○ 34	32

OUTLINE DIMENSIONS

Unit: mm



HONGFA APPLICATION ELECTRONIC MODULE

ISO9001、IATF16949、ISO14001、OHSAS18001、IECQ QC 080000 CERTIFIED

2022 Rev. 1.00

ORDERING INFORMATION

Type	HFGD3-2 / CB 32- R D24 (XXX)
Function code	CB: Output type with D-sub interface
Control Channel Qty	32
Installation	R: Din-rail
Rated input voltage	D24: 24VDC
Special code	XXX: Customer special requirement ; Nil: Standard

Notes: Special requirements of customers will be expressed as special codes after being evaluated by Hongfa.

Annex 1: Wiring terminal parameter table(HFLS1A-508/MABXX)



Features

- PCB terminal block, lifting screw connector with pressing frame
- Use a screwdriver for disassembly and assembly, with the torque of 0.4 N·m

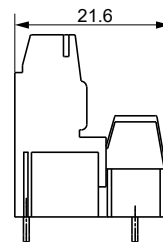
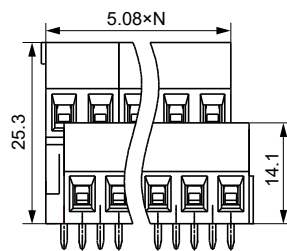


TECHNICAL SPECIFICATION

Rated load	10A 300V(UL Standard) / 17.5A 250V(IEC standard)
Poles	2-24
Pitch	5.08mm
Conductor Cross Section	0.2~2.5mm ² (Solid wire) / 0.25~1.5mm ² (Strand wire)
Rated Dielectric Strength	2200VAC/min
Rated Withstand Pulse Voltage	4kV
Ambient Temperature	-40℃~105℃
Stripping Length	7mm
Tightening Torque	0.4N·m
Insulation Material Type/Insulation Material Group	PA/I

OUTLINE DIMENSIONS

Unit: mm



Remark:

- 1) Some outline dimensions of the product have no dimensional tolerance noted: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.
- 2) In the layout of PCB mounting holes, if no dimensional tolerance is noted, it shall be calculated as $\pm 0.1\text{mm}$.

Disclaimer:

The specification is for reference only. See to "Terminology and Guidelines" for more information. Specifications subject to change without notice. We could not evaluate all the performance and all the parameters for every possible application. Thus the user should be in a right position to choose the suitable product for their own application. If there is any query, please contact Hongfa for the technical service. However, it is the user's responsibility to determine which product should be used only.

© Xiamen Hongfa Electroacoustic Co., Ltd. All rights of Hongfa are reserved.