# Cable Selection

Cable Drawing: DN1-G60xxN General常规型（CANopen & Modbus & Pulse）

| Accessory Specification Sheet | | | | | | |
|---|---|---|---|---|---|---|
| **Line Length** | **Interface Number** | **Description** | **Number of interfaces** | **Accessory Specifications** | **Accessory Ordering Code** | **Remarks** |
| 1m | J5 & J10 | CANopen / Modbus | 1 | Cable Assembly - DN Series - Bus Communication Cable - 1m - AWG28 * 6 Core Cable - Cut | 15310239 | |
| | | | 1 | Cable Assembly - DN Series - Communication Cascade Cable - 1m - AWG28*6 | 15310295 | |
| | J4 | Encoder 1 | 1 | Cable Assembly - DN Series - Differential Encoder Cable - 1m - AWG28*12 Core Cable - Cut | 15310231 | |
| | J7 | Encoder 2 | 1 | Cable Assembly - DN Series - Hall Cable - 1m - AWG28*10 Core Cable - Cut | 15310235 | |
| | J8 | Brake | 1 | Cable Assembly - DN Series - Brake Cable - 1m - AWG26*3 Core Cable - Cut | 15310227 | |
| | J3 | Debug Interface | 1 | Cable Assembly - Mini USB Cable - 1m - Mini USB - Shielded Cable - USB | 15310082 | |
| | J6 | Pulse / Control Signal | 1 | Cable Assembly - DN Series - IO Cable - 1m - AWG28*32 Core Cable - Cut | 15310243 | |
| | Power | Power Supply | 1 | Cable Assembly - DN Series - Power Cable - 1m - AWG15*3 Core Cable - Cut | 15310267 | 20A peak and below (1.5 square cable) |
| | Motor | Motor power line | 1 | Cable Assembly - DN Series - Motor Cable - 1m - AWG15*4 Core Cable - Cut | 15310271 | |
| 3m | J5 & J10 | CANopen / Modbus | 1 | Cable Assembly - DN Series - Bus Communication Cable - 3m - AWG28*6 Core Cable - Cut | 15310240 | |
| | | | 1 | Cable Assembly - DN Series - Communication Cascade Cable - 3m - AWG28*6 | 15310296 | |
| | J4 | Encoder 1 | 1 | Cable Assembly - DN Series - Differential Encoder Cable - 3m - AWG28*12 Core Cable - Cut | 15310232 | |
| | J7 | Encoder 2 | 1 | Cable Assembly - DN Series - Hall Cable - 3m - AWG28*10 Core Cable - Cut | 15310236 | |
| | J8 | Brake | 1 | Cable Assembly - DN Series - Brake Cable - 3m - AWG26*3 Core Cable - Cut | 15310228 | |
| | J3 | Debug Interface | 1 | Cable Assembly - Mini USB Cable - 3m - Mini USB - Shielded Cable - USB | 15310005 | |
| | J6 | Pulse / Control Signal | 1 | Cable Assembly - DN Series - IO Cable - 3m - AWG28 * 32 Core Cable - Cut | 15310244 | |
| | Power | Power Supply | 1 | Cable Assembly - DN Series - Power Cable - 3m - AWG15*3 Core Cable - Cut | 15310268 | 20A peak and below (1.5 square cable) |
| | Motor | Motor power line | 1 | Cable Assembly - DN Series - Motor Cable - 3m - AWG15*4 Core Cable - Cut | 15310272 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 5m | J5 & J10 | CANopen / Modbus | 1 | Cable Assembly - DN Series - Bus Communication Cable - 5m - AWG28*6 Core Cable - Cut | 15310241 | |
| | | | 1 | Cable Assembly - DN Series - Communication Cascade Cable - 5m - AWG28*6 | 15310297 | |
| | J4 | Encoder 1 | 1 | Cable Assembly - DN Series - Differential Encoder Cable - 5m - AWG28*12 Core Cable - Cut | 15310233 | |
| | J7 | Encoder 2 | 1 | Cable Assembly - DN Series - Hall Cable - 5m - AWG28*10 Core Cable - Cut | 15310237 | |
| | J8 | Brake | 1 | Cable Assembly - DN Series - Brake Cable - 5m - AWG26*3 Core Cable - Cut | 15310229 | |
| | J3 | Debug Interface | 1 | Cable Assembly - Mini USB Cable - 5m - Mini USB - Shielded Cable - USB | 15310012 | |
| | J6 | Pulse / Control Signal | 1 | Cable Assembly - DN Series - IO Cable - 5m - AWG28*32 Core Cable - Cut | 15310245 | |
| | Power | Power Supply | 1 | Cable Assembly - DN Series - Power Cable - 5m - AWG15*3 Core Cable - Cut | 15310269 | 20A peak and below (1.5 square cable) |
| | Motor | Motor power line | 1 | Cable Assembly - DN Series - Motor Cable - 5m - AWG15*4 Core Cable - Cut | 15310273 | |
| 10m | J5 & J10 | CANopen / Modbus | 1 | Cable Assembly - DN Series - Bus Communication Cable - 10m - AWG28*6 Core Cable - Cut | 15310242 | |
| | | | 1 | Cable Assembly - DN Series - Communication Cascade Cable - 10m - AWG28*6 | 15310298 | |
| | J8 | Brake | 1 | Cable Assembly - DN Series - Brake Cable - 10m - AWG26*3 Core Cable - Cut | 15310230 | |
| | J3 | Debug Interface | 1 | Cable Assembly - Mini USB Cable - 10m - Mini USB - Shielded Cable - USB | 15310019 | |
| | J6 | Pulse / Control Signal | 1 | Cable Assembly - DN Series - IO Cable - 10m - AWG28*32 Core Cable - Cut | 15310246 | |
| | Power | Power Supply | 1 | Cable Assembly - DN Series - Power Cable - 10m - AWG15*3 Core Cable - Cut | 15310270 | 20A peak and below (1.5 square cable) |
| | Motor | Motor power line | 1 | Cable Assembly - DN Series - Motor Cable - 10m - AWG15*4 Core Cable - Cut | 15310274 | |
| **housing** | | | | | | |
| Shell + Baseplate | | | 1 | Baseplate + Enclosure Accessory Kit, Aluminum Baseplate - 126*49*5.4mm, Full Coverage Sheet metal enclosure - 126*49*18.5mm, including screws and light guide columns | P010110080106 | |
| **Radiator** | | | | | | |
| 3A&6A&10A | Radiator | | 1 | 3A&6A&10A Cooling Solution (Single Baseplate Accessory Kit), Aluminum Baseplate -126*49*5.4mm, including screws and thermal | P010110080105 | |

See the description of the equivalent aluminum plate radiator in 尺寸、3D文件

If you need to make your own cable, the terminal model of the driver board end can be found in the 接线引导与规范 document. Please strictly compare the terminal pin instructions in the document and wire correctly.

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|---|---|---|---|---|
| | | | pads | |
| 20A | Radiator | 1 | 20A radiator solution, aluminum profile radiator - 140*76*44mm, including screws and thermal grease | P010110080107 |