

## &lt; STO input connector &gt;

| Item       | Model                       | Contents                                                                                                                                                                                                    |
|------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For<br>CN8 | STO cable                   | MR-D05UDL3M-B<br>Connector set : 2069250-1<br>(Tyco Electronics)<br>                                                      |
|            | STO short-circuit connector | Required when not using dedicated wiring STO function.<br>Drive unit side connector<br>(Tyco Electronics)<br>1971153-1<br> |

## &lt; Optical communication repeater unit &gt;

| Item                   | Model                                                                                                                                                                                                                                        | Contents                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For<br>OPT1/2          | Optical communication<br>cable<br>For wiring between<br>drive unit and optical<br>communication<br>repeater unit/<br>For wiring between<br>optical communication<br>repeater units<br>G380-L □ M<br>□ : Length<br>5, 10, 12, 15, 20, 25, 30m | Drive unit side/<br>Optical communication repeater unit side<br>connector<br>(Tyco Electronics)<br>Connector: 1123445-1<br>                                                                                                                                                                                                                                                                                 |
| For<br>DCIN            | For optical<br>communication<br>repeater unit<br>DC24V power cable<br>F070<br>□ : Length<br>0.5, 1.5, 3, 5, 8, 10, 15, 20m                                                                                                                   | DC24V power side terminal<br>(J.S.T.)<br>Crimp terminal: V1.25-3 or V1.25-4 × 2<br>Optical communication repeater unit side<br>connector<br>(Tyco Electronics)<br>Connector: 2-178288-3<br>Contact: 1-175218-5 × 3 (Note 1)<br>                                                                                                                                                                           |
| For<br>DCIN/<br>ACFAIL | For optical<br>communication<br>repeater unit/<br>For connecting<br>Mitsubishi power unit<br>PD25, PD27<br>DC24V power cable<br>(power OFF detection)<br>F110<br>□ : Length<br>0.5, 1.5, 3, 5, 8, 10, 15m                                    | DC24V power side connector<br>(Tyco Electronics)<br>Connector: 3-178127-6<br>Contact:<br>1-175218-5 (for AWG16) × 3 (Note 1)<br>1-175217-5 (for AWG22) × 2 (Note 2)<br>Optical communication repeater unit side<br>connector<br>< DCIN ><br>(Tyco Electronics)<br>Connector: 2-178288-3<br>Contact: 1-175218-5 × 3 (Note 1)<br>< ACFAIL (CF01) ><br>(MOLEX)<br>005057-9402<br>0016020103 × 2 (Note 3)<br> |

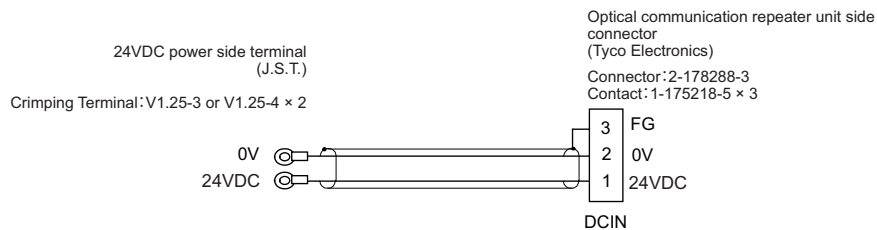
(Note 1) Hand crimping tools: 91558-1

(Note 2) Hand crimping tools: 91557-1

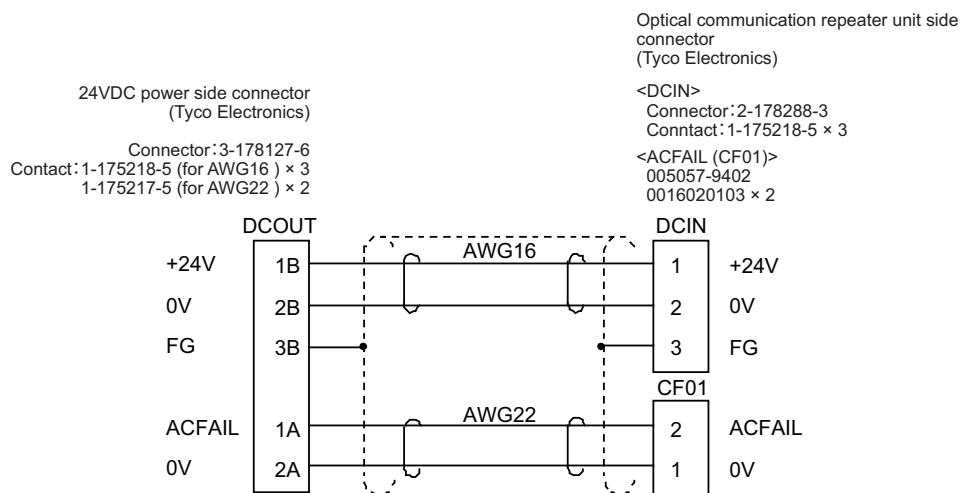
(Note 3) Hand crimping tools: 57036-5000

## Appendix 1.2.2 Optical Communication Repeater Unit Cable

### < F070 cable connection diagram >



### < F110 cable connection diagram >



## Appendix 1.2.3 STO Cable

### < CN8 STO input connector connection diagram >

