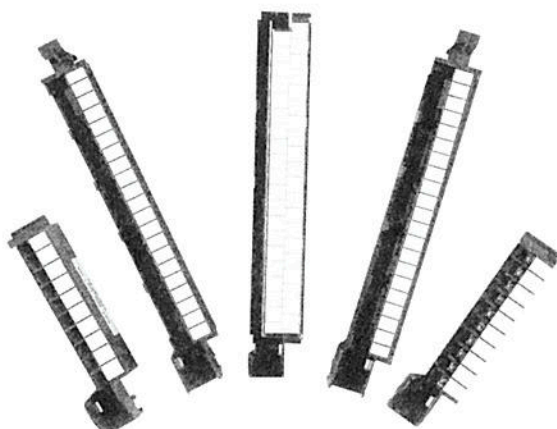


1771 Wiring Arms



6

Wiring arms provide an easy, flexible interconnection between your plant wiring and Allen-Bradley 1771 I/O modules. The integral Universal I/O chassis clamp provides "swing-away" operation for easy module access; an integral module locking tab helps ensure connection integrity. Constructed of an industrial-grade thermoplastic, each wiring arm has one (two for isolated circuits) connection point for each required input or output to the module, plus any needed ancillary connection points for line or signal input power and ground or return. Incoming wires (14 AWG max) may be directly clamped or spade-lugged to the arm. Wiring-arm contacts to the I/O module are either tin or gold plated.

The 1771 Fused Wiring Arm (1771-WHF, -WHFB) gives you fuse protection for each output of a module and eases fuse replacement without removing a module from the chassis.

- The loss of a single circuit will not affect any other signals in the 16-output module
- Replace fuses by removing individual fuse holders without removing the output module
- Completely compatible with the 1771-WH Wiring Arm and can be used as a direct replacement

| Wiring Arm Cat. No. ¹ | Maximum Number of I/O | Number of Terminals | Contact Plating | Fuse Size (max.) | Weight kg (lb) | Typical Application |
|----------------------------------|-----------------------|---------------------|-----------------|------------------|----------------|--|
| 1771-WA | 8 | 10 | 9 Tin 1 Gold | not applicable | 0.1 (0.1) | General purpose, ac/dc 24 to 220V |
| 1771-WB | 8 | 12 | Gold | not applicable | 0.1 (0.1) | Analog |
| 1771-WC | 8 | 10 | Gold | not applicable | 0.1 (0.1) | TTL, Low current |
| 1771-WD | 8 | 12 | Tin | not applicable | 0.1 (0.1) | General purpose, 120V ac/dc 6-isolated-I/O modules |
| 1771-WE | 8 | 18 | Gold | not applicable | 0.1 (0.2) | High current "Thermo Wiring Arm" |
| 1771-WF | 8 | 18 | Gold | not applicable | 0.1 (0.2) | Low resistance |
| 1771-WG | 16 | 21 | Gold | not applicable | 0.1 (0.2) | Low resistance |
| 1771-WH | 16 | 21 | Tin | not applicable | 0.1 (0.2) | General purpose |
| 1771-WHF | 16 | 21 | Tin | 3A | 0.1 (0.3) | General purpose, fused wiring arm, individual circuit protection |
| 1771-WHFB | 16 | 21 | Tin | 1.5A | 0.1 (0.3) | General purpose, fused wiring arm, individual circuit protection |
| 1771-WI | 8 | 18 | Gold | not applicable | 0.1 (0.2) | Thermocouple |
| 1771-WN | 32 | 40 | Tin | not applicable | 0.1 (0.3) | 10-32V dc, digital |

¹ Screw torque is 7-9 pound-inch for all these wiring arms.