	<b>Bulletin 280 — ArmorStart Three-Phase Power Trunk Cables (Cordsets and Patchcords)</b> <ul style="list-style-type: none"> <li>Rated for motor branch circuits per UL 2237</li> <li>One-piece molded design</li> <li>Can be used as a drop cable for ArmorStart Distributed Motor Controllers with a short circuit protection rating of 25 A, or when desired to minimize voltage drops on extended cable runs</li> </ul>	<b>Standards Compliance</b> UL 2237  <b>Certifications</b> UL Listed (File No. E318496, Guide PVVA)
---	---	---

## Product Selection

### Cordsets ❄

Pin Count	Assembly Rating	Cat. No.			
		Straight Female	Right-Angle Female	Straight Male	Right-Angle Male
4-Pin	600V, 25 A	280-PWRM35E-M❄	280-PWRM35F-M❄	280-PWRM35G-M❄	280-PWRM35H-M❄

### Patchcords ❄

Pin Count	Assembly Rating	Cat. No.			
		Straight Female	Right-Angle Female	Straight Female	Right-Angle Female
4-Pin	600V, 25 A	280-PWRM35A-M❄	280-PWRM35B-M❄	280-PWRM35C-M❄	280-PWRM35D-M❄

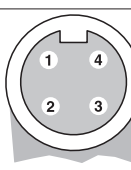
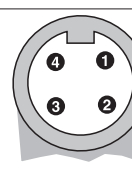
❄ The cat. no. is incomplete as shown. For desired length, replace the symbol with: **05** — 0.5 m (1.62 ft), **1** — 1 m (3.3 ft), **015** — 1.5 m (4.9 ft), **2** — 2 m (6.5 ft), **025** — 2.5 m (8.1 ft), **3** — 3 m (9.8 ft), **4** — 4 m (13.1 ft), **6** — 6 m (19.7 ft), **8** — 8 m (26.2 ft), **10** — 10 m (32.8 ft), **12** — 12 m (39.4 ft), or **14** — 14 m (45.9 ft).

❄ Stainless steel version may be ordered by adding "S" to the catalog number. For example: **280S-PWRM35A-E-M3**.

## Specifications

Mechanical	
Coupling Nut	Black Anodized Aluminum or 316 Stainless Steel
Housing	Black PVC
Insert	Black PVC
Cable Diameter	0.775 in. +/- 0.12 in. (19.68 mm +/- 0.5 mm)
Electrical	
Contacts	Copper Alloy with Gold over Nickel Plating
Cable	Black PVC, dual rated UL TC/Open Wiring and STOOW
Cable Rating	600V AC/DC
Assembly Rating	600V @ 25 A, Symmetrical Amps RMS Fault: 65 kA when used with Class CC, T, or J type fuses
Environmental	
Enclosure Type Rating	IP67, NEMA 4; IP69K 1200 psi washdown
Operating Temperature	UL Type TC 600V 90 °C Dry 75 °C Wet, Exposed Run (ER) or MTW 600V 90 °C or STOOW 105 °C 600V - CSA STOOW 600V FT2

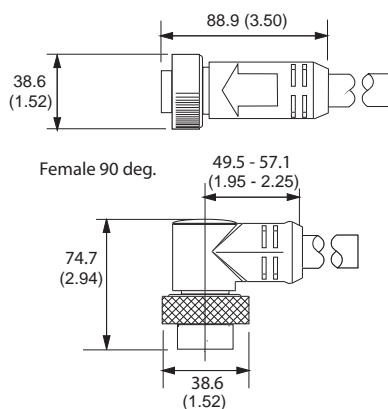
## Pinout and Color Code

	Face View Pinout	
	4-Pin	
	 Female	 Male
Color Code	1 Black 2 Green/Yellow Extended PIN	3 Red 4 White

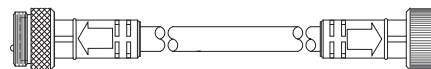
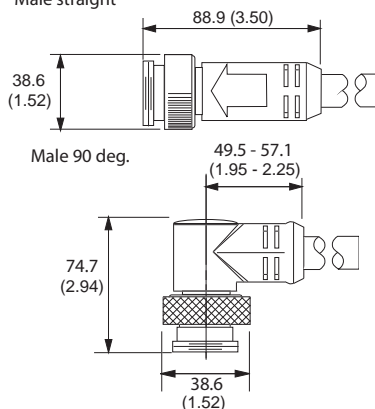
## Approximate Dimensions

Dimensions in millimeters (inches). Dimensions are not intended to be used for manufacturing purposes and are subject to change.

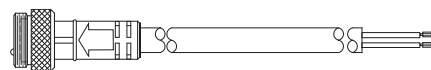
Female straight



Male straight



Example of Patchcord



Example of Cordset

