

# MULTIPIIN

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## Superior contact technology maximizes durability and performance

Meltric offers a broad range of multipin devices for use in a wide variety of control and power applications. Devices are available with as many as 37 or as few as 4 contacts. Products range from 2A up to 150A and some include load making and breaking capabilities.

### Main Advantages

- ▼ Spring-loaded, silver-nickel, butt-style contacts
- ▼ Robust casing materials made of fiberglass reinforced thermoplastic polyester, epoxy coated zamak, or stainless steel (depending on the model type and size).

# Product Features

## Product Line Summary

PN12 multipin plugs and receptacles are ideal for low amperage applications requiring compact devices. NEMA 4X/ IP66+67 watertightness provides protection in washdown environments.

PN7 plugs and receptacles are excellent for use when between 5 and 7 contacts are required with amperages up to 20A.

DSN 24/37 plugs and receptacles are excellent for frequent low ampacity connecting and disconnecting application. Up to 37 contacts are available on the device which is rated up to NEMA 4X/IP 66+67.

DN9 and DN20 devices allow multiple power circuits or a combination of power and control circuits in a single connection.

DN7, DR7, and DS7 multipins are excellent for those difficult, higher amperage environments where there is a need for frequent connecting and disconnecting. DS7 devices are current interrupting rated for up to 30 amps per contact, and like the DR7 allow the addition of up to 3 auxiliary contacts.



## Multipin Product Specifications

Product Type	Housing Material	Voltage (Max)	Number of Contacts		Amperage		Wiring Capacity		Environmental Rating	Wiring Connection	Catalog Page
			Min	Max	Current Interrupting	Non-Current Interrupting	Min	Max			
PN12**	Polyester	600	6	12	5	7.5	20 AWG	14 AWG	NEMA 4X/IP66+IP67	Solder	97
PN12**	Metal	600	6	12	5	7.5	20 AWG	14 AWG	NEMA 4X/IP66+IP67	Solder	97
PN12	Stainless	600	6	12	5	7.5	20 AWG	14 AWG	NEMA 1	Solder	99
DSN24	Polyester	480	13	24	2	7.5	20 AWG	14 AWG	NEMA 4X/IP66+IP67	Solder	101
DS24	Stainless	250	13	24	2	7.5	20 AWG	14 AWG	NEMA 3R	Solder	103
DSN37	Polyester	480	25	37	2	7.5	20 AWG	14 AWG	NEMA 4X/IP66+IP67	Solder	105
DS37	Stainless	480	13	37	2	7.5	20 AWG	14 AWG	NEMA 4X	Solder	107
PN7**	Polyester	600	5	7	15	20	18 AWG	10 AWG	NEMA 4X/IP66+IP67	Screw	109
PN7**	Metal	600	5	7	15	20	18 AWG	10 AWG	NEMA 4X/IP66+IP67	Screw	109
PN7	Stainless	600	5	7	15	20	18 AWG	10 AWG	NEMA 1	Screw	109
DN9	Metal	480	6	9	-	20	16 AWG	10 AWG	IP54/IP55+	Screw	111
DN20	Metal	480	10	20	-	20*	16 AWG	10 AWG	IP54/IP55+	Screw	113
DN7	Metal	480	6P+G	6P+G	-	50	10 AWG	6 AWG	IP54/IP55+	Screw	115
DN7	Metal	480	6P+G	6P+G	-	90	6 AWG	2 AWG	IP54/IP55+	Screw	115
DN7	Metal	480	6P+G	6P+G	-	150	6 AWG	2 AWG	IP54/IP55+	Screw	115
DS7	Polyester	600	4	7	30	-	14 AWG	8 AWG	IP54/IP55+	Screw	117
DS7	Metal	600	4	7	30	-	14 AWG	8 AWG	IP54/IP55+	Screw	117
DR7	Polyester	600	4	7	-	50	14 AWG	8 AWG	IP54/IP55+	Screw	119
DR7	Metal	600	4	7	-	50	14 AWG	8 AWG	IP54/IP55+	Screw	119

+ Rated IP54 when receptacle and plug are mated, when not mated receptacle alone is rated IP55 provided that the lid is latched closed.

\* The rating is reduced to 15A when more than 12 contacts are used for power circuits (not control)

\*\* UL 1682 Listed