

# MULTIPIN



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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

PN12c multipin plugs and receptacles are ideal for low amperage applications requiring compact devices. IP66+67 watertightness provides protection in washdown environments.

PN7c plugs and receptacles are excellent for use when between 5 and 7 contacts are required with amperages up to 20A.

DSN 24c/37c 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.

DN9c and DN20c devices are horsepower rated and allow multiple power circuits or a combination of power and control circuits in a single connection.

DN7c, DR7c, and DS7c multipins are excellent for those difficult, higher amperage environments where there is a need for frequent connecting and disconnecting. DS7c devices are current interrupting rated for up to 30 amps per contact, and like the DR7c allow the addition of up to 3 auxiliary contacts.



## Multipin Product Specifications

Product Type	Housing Material	Voltage (Max)	Number of Contacts Min / Max		Amperage Current Interrupting   Non-Current Interrupting		Wiring Capacity Min / Max		Environmental Rating	Wiring Connection	Catalog Page
PN12c	Polyester	600	1	11P+G	5	7.5	18 AWG	14 AWG	IP66+IP67	Solder/Crimp	99
PN12c	Metal	600	1	11P+G	5	7.5	18 AWG	14 AWG	IP66+IP67	Solder/Crimp	99
PN12c	Stainless	600	1	11P+G	5	7.5	18 AWG	14 AWG	-	Solder/Crimp	101
DSN24c	Polyester	480	1	24	2	7.5	18 AWG	14 AWG	IP66+IP67	Solder/Crimp	103
DS24c	Stainless	250	1	24	2	7.5	18 AWG	14 AWG	-	Solder/Crimp	105
DSN37c	Polyester	480	1	37	2	7.5	18 AWG	14 AWG	IP66+IP67	Solder/Crimp	107
DS37c	Stainless	480	1	37	2	7.5	18 AWG	14 AWG	-	Solder/Crimp	109
PN7c**	Polyester	600	4P+G	6P+G	15	20	18 AWG	10 AWG	IP66+IP67	Screw	111
PN7c**	Metal	600	4P+G	6P+G	15	20	18 AWG	10 AWG	IP66+IP67	Screw	111
PN7c	Stainless	600	4P+G	6P+G	15	20	18 AWG	10 AWG	-	Screw	111
DN9c	Metal	480	6	9	20	-	16 AWG	10 AWG	IP54/IP55*	Screw	113
DN20c	Metal	480	10	20	20*	-	16 AWG	10 AWG	IP54/IP55*	Screw	115
DN7c	Metal	480	6P+G	6P+G	-	50	10 AWG	6 AWG	IP54/IP55*	Screw	117
DN7c	Metal	480	6P+G	6P+G	-	90	6 AWG	2 AWG	IP54/IP55*	Screw	117
DN7c	Metal	480	6P+G	6P+G	-	150	6 AWG	2 AWG	IP54/IP55*	Screw	117
DS7c	Polyester	600	4	7	30	-	14 AWG	8 AWG	IP54/IP55*	Screw	119
DS7c	Metal	600	4	7	30	-	14 AWG	8 AWG	IP54/IP55*	Screw	119
DR7c	Polyester	600	4	7	-	50	14 AWG	8 AWG	IP54/IP55*	Screw	121
DR7c	Metal	600	4	7	-	50	14 AWG	8 AWG	IP54/IP55*	Screw	121

+ 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