



PIDG TERMINALS & SPLICES

Quick Reference Guide

FEATURES AND BENEFITS

- Made of high conductivity copper; tin-plated for optimal corrosion protection
- Copper sleeve for vibration resistance and improved wire insulation support
- Body has inner serrations for maximum electrical contact and tensile strength
- Insulation sleeves are colour-coded by wire size to the corresponding TE Connectivity (TE) tooling for easy identification and termination
- Readily available at distributors in small packages or bulk quantities
- Most PIDG terminals and splices are UL/CSA listed and Mil-Spec approved
- Operating temperature 105°C; operating voltage 300V

300V

Operating Voltage

105°

Max Operating
Temperature (in C)

MIL

MIL-SPEC Approval

PRODUCT APPLICATIONS

- Instruments/Control
- Lighting
- Power Supplies
- Panel Boxes
- Transportation
- Lifting equipment
- Motors
- Aerospace
- Appliances



WHAT'S INSIDE

TE Connectivity's PIDG terminals are designed for uniform reliability in the harshest circuit environments, especially where high vibration and wire movement are factors. They consist of a nylon or PVC insulated body, plus a metal sleeve that crimps to the wire insulation for added support. The wire barrel design is vibration resistant, and supports the wire to bend in any direction without damaging the wire insulation or conductor. Millions of PIDG terminals and splices are still in the field many years after installation; a testament to the rigorous testing and research that went into their design and manufacturing. Many PIDG terminals meet or exceed the requirements of SAE AS7928, Type II, Class 1 .



Short Spring Spade

										Manual Hand Tools				Die Sets for Powered Tools (See Note 1 for Powered Tool Options)					
Wire Size		Studsize		Standard Part Number	Width (W)		Length (L)		Color	Max. Wire Insulation Dia.		Also available in		Re-remarks	Certi-Crimp Hand Tool Most UL Apvd	Mil-Spec Certified Hand Tool	Pro-Crimper (SDE) Hand Tool	SDE Die Set (Premium) Most UL Apvd	SDE Die Set (Commercial)
AWG	mm²	U.S.	mm		inch	mm	inch	mm		inch	mm	Tape & Reel	Small Pack						
26-22	0,12-0,40	6	M3.5	52924	.250	6,35	.679	17,25	●	.082	2,08	✓	✓	1	46121				
22-16	0,26-1,65	4	M2.5	52927	.203	5,16	.799	20,29	●	.125	3,18	✓	✓	1	47386	59250	58433-3	2063030-1	58423-1
		5	M3	52928	.250	6,35	.799	20,29	●	.125	3,18	✓	✓	1	47386	59250	58433-3	2063030-1	58423-1
		6	M3.5	52929	.250	6,35	.799	20,29	●	.125	3,18	✓	✓	1	47386	59250	58433-3	2063030-1	58423-1
		8	M4	52930	.375	9,53	.860	21,84	●	.125	3,18	✓	✓	1	47386	59250	58433-3	2063030-1	58423-1
		10		52931	.406	10,31	.908	23,06	●	.125	3,18	✓	✓	1	47386	59250	58433-3	2063030-1	58423-1
		12	M6	52933	.625	18,88	1.033	26,24	●	.125	3,18		✓	1	47387	59250	58433-3	2063030-1	58423-1
16-14	1,04-2,62	5	M3	52934	.250	6,35	.799	20,29	●	.170	4,32	✓	✓	1	47387	59250	58433-3	2063030-1	58423-1
		6	M3.5	52935	.250	6,35	.799	20,29	●	.170	4,32	✓	✓	1	47387	59250	58433-3	2063030-1	58423-1
		8	M4	52936	.375	9,53	.860	21,84	●	.170	4,32	✓	✓	1	47387	59250	58433-3	2063030-1	58423-1
		10		52937	.406	10,31	.908	23,06	●	.170	4,32	✓	✓	1	47387	59250	58433-3	2063030-1	58423-1
		12	M6	52939	.625	15,88	1.033	26,24	●	.170	4,32			1		59239-4	58433-3	2063030-1	58423-1
12-10	2,62-6,64	5	M3	52940	.250	6,35	.959	24,36	●	.250	6,35	✓	✓	1		59239-4	58433-3	2063030-1	58423-1
		6	M3.5	52941	.250	6,35	.959	24,36	●	.250	6,35	✓	✓	1		59239-4	58433-3	2063030-1	58423-1
		8	M4	52942	.375	9,53	1.052	26,72	●	.250	6,35	✓	✓	1		59239-4	58433-3	2063030-1	58423-1
		10		52943	.406	10,31	1.100	27,94	●	.250	6,35	✓	✓	1		59239-4	58433-3	2063030-1	58423-1
		12	M6	52945	.625	15,88	1.225	31,12	●	.250	6,35		✓	1		59239-4	58433-3	2063030-1	58423-1



Butt Splices

										Manual Hand Tools				Die Sets for Powered Tools (See Note 1 for Powered Tool Options)					
Wire Size		Tab Thickness		Standard Part Number	Width (W)		Length (L)		Color	Max. Wire Insulation Dia.		Also available in		Re-remarks	Certi-Crimp Hand Tool Most UL Apvd	Mil-Spec Certified Hand Tool	Pro-Crimper (SDE) Hand Tool	SDE Die Set (Premium) Most UL Apvd	SDE Die Set (Commercial)
AWG	mm²	U.S.	mm		inch	mm	inch	mm		inch	mm	Tape & Reel	Small Pack						
26-24	0,12-0,24	n.a.		323994	n.a.	.890	22,61	●	.082	2,08		✓		6	46121				
26-22	0,12-0,41	n.a.		2-323994-2	n.a.	.890	22,61	●	.082	2,08		✓	✓		46121				
24-20	0,16-0,65	n.a.		323975	n.a.	1.035	26,29	○	.100	2,54		✓		6	47907-1				
22-16	0,26-1,65	n.a.		320559	n.a.	1.265	32,13	●	.125	3,18		✓	✓	6	47386	59250	58433-3	2063030-1	58423-1
16-14	1,04-2,62	n.a.		320562	n.a.	1.265	32,13	●	.150	3,81		✓	✓	6	47387	59250	58433-3	2063030-1	58423-1
12-10	2,62-6,64	n.a.		320570	n.a.	1.656	42,06	●	.220	5,59		✓	✓	6		59239-4	58433-3	2063030-1	58423-1

Stepdown Butt Splice

16-14 to 22-18	1,04-2,62 to 0,26-0,96	n.a.		327583	n.a.	1.265	32,13	●	.150/.115	3,81/2,92			✓	5	47387	59250	58433-3	2063030-1	58423-1
12-10 to 22-18	2,62-6,64 to 0,26-0,96	n.a.		327639	n.a.	1.656	42,06	●	.220/.140	5,59/3,56				5		59239-4	58433-3	2063030-1	58423-1
12-10 to 16-14	2,62-6,64 to 1,04-2,62	n.a.		327638	n.a.	1.656	42,06	●	.220/.170	5,59/4,32				5		59239-4	58433-3	2063030-1	58423-1