COMPACT

MURR ELEKTRONIK stay connected

M12 Power

High capacity in a small package

Introducing M12 Power, the next generation of connectivity for power installations. M12 Power has a smaller overall size, combined with higher current capacity, as compared to 7/8" connectors. These connectors will enable you to realize connectivity solutions that were previously impossible.

Compared with Mini-A (7/8") M12 Power is smaller but, with its special coding designs, it handles a maximum of 16A per pin. Power connectors are designed to meet a more stringent UL certification (UL2237) that ensures safe operation given the high voltage & high current potential of these connectors.

M12 Power connectors are made up of 4 variations that divide the group by both application voltage and use case:

L-code

- Most prevalent in the market and the primary alternative to Mini-A (7/8")
- 4-pole (black contact carrier) or 5-pole (gray contact carrier) options
- Rated for applications to 63V DC

T-code

- 4-pole with Murrelektronik green contact carrier
- Rated for applications to 63V DC

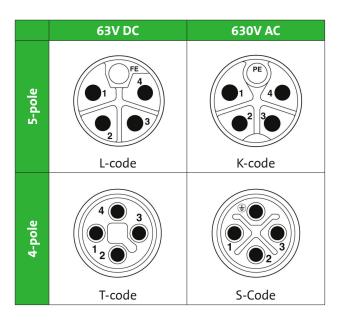
S-code

- Designed to handle 3-phase, 3-wire power connections, plus Protective Earth (PE)
- 4-pole connector with Murrelektronik Green contact carrier.
- Rated for applications to 630v AC

K-code

- Designed to handle 3-phase 4-wire power connections, plus Protective Earth (PE)
- 5-pole connector with Murrelektronik Green contact carrier
- Rated for applications to 630v AC





Related MURRELEKTRONIK Products

Emparro	Cube67	Solid67	Impact67/MVK	Ethernet Cable

		DC	AC			
			т	S	К	
	4p - Black	5p - Gray	4p	4p	5р	
Male Straight	7_00-P4101-xxxyyyy	7_00-P4201-xxxyyyy	7_00-P7201-xxxyyyy	7_00-P6201-xxxyyyy	7_00-P3201-xxxyyyy	
Male 90°	7_00-P4111-xxxyyyy	7_00-P4211-xxxyyyy	7_00-P7211-xxxyyyy	7_00-P6211-xxxyyyy	7_00-P3211-xxxyyyy	
Female Straight	7_00-P4121-xxxyyyy	7_00-P4221-xxxyyyy	7_00-P7221-xxxyyyy	7_00-P6221-xxxyyyy	7_00-Р3221-хххуууу	
Female 90°	7_00-P4131-xxxyyyy	7_00-P4231-xxxyyyy	7_00-P7231-xxxyyyy	7_00-P6231-xxxyyyy	7_00-Р3231-хххуууу	
Male Straight to Female Straight	7_00-P4141-xxxyyyy	7_00-P4241-xxxyyyy	7_00-P7241-xxxyyyy	7_00-P6241-xxxyyyy	7_00-Р3241-хххуууу	
Male Straight to Female 90°	7_00-P4151-xxxyyyy	7_00-P4251-xxxyyyy	7_00-P7251-xxxyyyy	7_00-P6251-xxxyyyy	7_00-Р3251-хххуууу	
Male 90° to Female Straight	7_00-P4161-xxxyyyy	7_00-P4261-xxxyyyy	7_00-P7261-xxxyyyy	7_00-P6261-xxxyyyy	7_00-Р3261-хххуууу	
Male 90° to Female 90°	7_00-P4171-xxxyyyy	7_00-P4271-xxxyyyy	7_00-P7271-xxxyyyy	7_00-P6271-xxxyyyy	7_00-P3271-xxxyyyy	
Male Receptacle (Nut NOT Included)	7000-P4181-944yyyy	7000-P4281-980yyyy	7000-P7281-941yyyy	7000-P6281-940yyyy	7000-P3281-988yyyy	
Female Receptacle (Nut NOT Included)	7000-P4191-944yyyy	7000-P4291-980yyyy	7000-P7291-941yyyy	7000-P6291-940yyyy	7000-P3291-988yyyy	
T-Coupler		7000-P4901-0000000		7000-P6901-0000000		

Cable Code (xxx)									
			Head Type						
Туре	Size	Color	4-pole L	5-pole L	4-pole T	4-pole S	5-pole K		
	Use the 7000 prefix with the following cable types								
PUR UL/CSA+ drag chain	1.5mm²	Black	P07	P04	P07	P16	P15		
	Use the 7700 prefix with the following cable types								
TPE	16AWG	Yellow	UOC	U0D	UOC				
UL/CSA,	14AWG*		UON	UOP	UON				
TC-ER, IEC		Black				U9N	U9P		

 $^{*}\ensuremath{\texttt{14AWG}}$ only compatible with straight connectors

Standard Lengths (уууу)							
Single Ended				Double Ended			
1.5m (0150)	3m (0300)	5m (0500)	10m (1000)	0.3m (0030)	0.6m (0060)	1m (0100)	1.5m (0150)
				2m (0200)	3m (0300)	5m (0500)	10m (1000)