

4+PE Plastic Connector

for up to 50A/600V!

Advantages

- 50A per contact at 40°C ambient with wire size 6,0mm²
- Contacts with screw connection for up to AWG 8 / 8,3mm²
- Bayonet locking
- Secured locking feature optional
- IP65
- Compact dimensions
- UV resistant
- VDE



Technical Data

Parameter	Standard	Value	
		41A Version	50A Version
Number of contacts		4 + PE	
Wire gauge		2,4 / 4,0 / 6,0mm ² AWG 8 optional	
Flammability	UL 94	VO	
Temperature range		-25°C - +100°C	-25°C - +125°C
Mechanical operation	DIN EN 60512, Test 9a	>250 mating cycles	
Rated voltage	DIN EN 60664-1 (=VDE 0110-1 = IEC 60664-1)	600V	
Current carrying capacity at 40°C ambient	DIN EN 60512-5-2, Test 5b UL 1977	41A	50A
Pollution degree	DIN EN 60664-1	Mated: 3, Unmated: 2	
Material group	DIN EN 60664-1	2	
Installation (over voltage) category	DIN EN 60664-1	3	
Rated impulse withstand voltage	DIN EN 60664-1	6000V	
IP degree of protection	DIN EN 60529	IP 65	

Materials

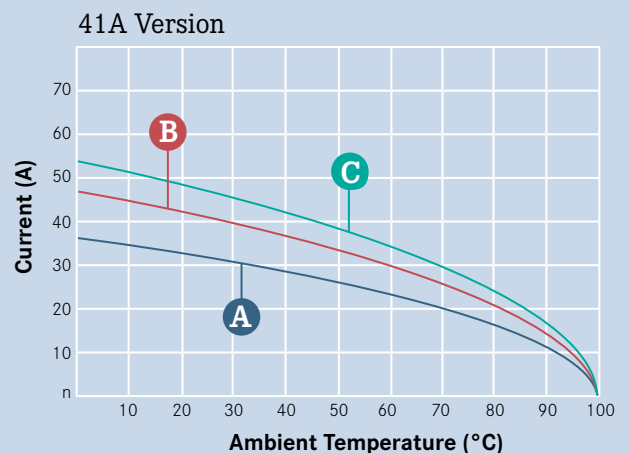
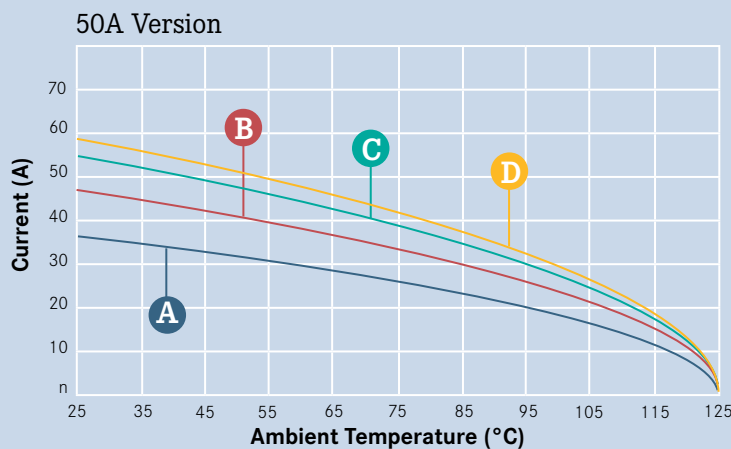
Housing and dielectric material		PA
Gaskets		Neoprene / EPDM / Silicone
Contact plating		Silver plated

Description

Description	Standard	Part Numbers
Female cable connector 4 + PE	41A with standard bayonet locking	C016 20E004 800 2
Male receptacle 4 + PE	41A with standard bayonet locking	C016 20P004 800 2
Female cable connector 4 + PE	41A with secured bayonet locking	C016 20E004 801 2
Male receptacle 4 + PE	41A with secured bayonet locking	C016 20P004 801 2
Female cable connector 4 + PE	50A for AWG 8 wires with standard locking	C016 20E004 802 2
Male receptacle 4 + PE	50A for AWG 8 wires with standard locking	C016 20P004 802 2

Derating curves

- A 4 pole loaded 2,5mm²
 B 4 pole loaded 4mm²
 C 4 pole loaded 6mm²
 D 4 pole loaded AWG 8 - 8,3mm²



General Information

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