

SOLAR CONNECTOR SYSTEM

- Technical data
- Connector system
- Rated current
- Rated voltage
- Ambient temperature range
- Degree of protection, mated
- unmated
- Contact resistance of plug connectors
- Contact material
- Insulation material
- Locking system plug connectors
- Flame class
- Safety class
- Contact system
- Type of termination Crimpen
- Cable Size

Mixenergy 3 / 4/5/6 BRANCH CONNECTOR

50A

1500V DC (IEC)

600V DC (UL)

-40°C...+90°C (IEC)

-40°C...+40°C (UL)

IP65/IP67

IP2X

0,5mΩ

Copper, tin plated

TPE / PPO

Snap-in (nur/only MC4)

UL94-HB / UL94-V0

II

MC Multilam

Crimping

2.5mm², 4mm², 6mm²



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- Cable Size

Mixenergy T BRANCH CONNECTOR

- 50A
- 1500V DC (IEC)
- 600V DC (UL)
- 40°C...+90°C (IEC)
- 40°C...+40°C (UL)
- IP65/IP67
- IP2X
- 0,5mΩ
- Copper, tin plated
- PPO
- Snap-in (nur/only MC4)
- UL94-HB / UL94-V0
- II
- MC Multilam
- Crimping
- 2.5mm², 4mm², 6mm²



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- Insulation material
- Locking system plug connectors
- Flame class
- Safety class
- Contact system
- Type of termination Crimpen
- Cable Size
- CABLE LENGTH

Mixenergy Y BRANCH

30A

1500V DC (IEC)

600V DC (UL)

-40°C...+90°C (IEC)

-40°C...+40°C (UL)

IP65/IP67

IP2X

0,5mΩ

Copper, tin plated

PPO

Snap-in (nur/only MC4)

UL94-HB / UL94-V0

II

MC Multilam

Crimping

4-6mm²

as per drawing



SOLAR CONNECTOR SYSTEM

- Rated current	40A
- Rated voltage	1000V DC (IEC) 600V DC (UL)
- Ambient temperature range	-40°C...+90°C (IEC) -40°C...+40°C (UL)
- Degree of protection, mated	IP65/IP67
- unmated	IP2X
- Contact resistance of plug connectors	0,5mΩ
- Contact material	Copper, tin plated
- Insulation material	TPE / PPO
- Locking system plug connectors	Snap-in (nur/only MC4)
- Flame class	UL94-HB / UL94-V0
- Safety class	II
- Contact system	MC Multilam
- Type of termination Crimpen	Crimping
- Cable Size	6mm ² on main cable ,4mm ² on branch
- Cable Length	10cm on main cable, 30cm on branch

