ZC2000-0000-0021 | Splitter cable, for XPlanar tile APS4322-0000-0000, 2 x 2 layout, PVC, fixed installation



M12, socket, angled, female, 5-pin (4+PE), K-coded – M12, socket, angled, female, 5-pin (4+PE), K-coded – open end, 5-wire – M12, socket, angled, female, 5-pin (4+PE), K-coded – M12, socket, angled, female, 5-pin (4+PE), K-coded



Plugs

Electrical data	Head A	Head B	Head C	Head E	Head F
Rated voltage	630 V AC/DC (according to IEC 61076-2- 111)	630 V AC/DC (according to IEC 61076-2- 111)	-	630 V AC/DC (according to IEC 61076-2- 111)	630 V AC/DC (according to IEC 61076-2- 111)
Rated current	12 A at 40 °C (according to IEC 61076-2- 111)	12 A at 40 °C (according to IEC 61076-2- 111)	-	12 A at 40 °C (according to IEC 61076-2- 111)	12 A at 40 °C (according to IEC 61076-2- 111)
Rated impulse voltage	6.0 kV	6.0 kV	-	6.0 kV	6.0 kV
Shielding	no	no	-	no	no
Insulation resistance	≥ 100 GΩ (according to IEC 60512)	≥ 100 GΩ (according to IEC 60512)	-	≥ 100 GΩ (according to IEC 60512)	≥ 100 G Ω (according to IEC 60512)



Mechanical data Coupling Coupling - Coupling M12 M14 M12 M12 M14 M12 M14 M12 M14						
Installation size M12 M12 open end M12 M12 Connector type socket socket - socket socket Configuration angled angled - angled angled Contact type female female - female female Number of positions (face) 5-pin (4+PE) 6-pin (4-PE) 6-pin (4-PE) 6-pin (4-PE) 6-pin (4-PE)	Mechanical data					
Connector type socket socket - socket socket Configuration angled angled - angled accrew combined conded Conde	Accessories type	Coupling	Coupling	-	Coupling	Coupling
Configuration angled angled - angled angled Contact type female female - female female Number of positions (face) 5-pin (4+PE) 6-pin (4+PE) <td< td=""><td>Installation size</td><td>M12</td><td>M12</td><td>open end</td><td>M12</td><td>M12</td></td<>	Installation size	M12	M12	open end	M12	M12
Contact type female female - female female Number of positions (face) 5-pin (4+PE) 6-coded K-coded K-coded <td< td=""><td>Connector type</td><td>socket</td><td>socket</td><td>-</td><td>socket</td><td>socket</td></td<>	Connector type	socket	socket	-	socket	socket
Number of positions (face) 5-pin (4+PE) 6-coded K-coded Coded K-coded K-coded K-coded K-coded K-coded K-coded Code Connection Screw connection Connection Screw connection Connection Screw Scr	Configuration	angled	angled	-	angled	angled
Coding K-coded K-coded - K-coded K-coded Wire termination screw connection screwing screwing screwing	Contact type	female	female	-	female	female
Wire termination screw connection screw connection <t< td=""><td>Number of positions (face)</td><td>5-pin (4+PE)</td><td>5-pin (4+PE)</td><td>5-wire</td><td>5-pin (4+PE)</td><td>5-pin (4+PE)</td></t<>	Number of positions (face)	5-pin (4+PE)	5-pin (4+PE)	5-wire	5-pin (4+PE)	5-pin (4+PE)
Wire termination connection connection connection connection Recommended torque, nut 0.6 Nm 0.6 Nm - 0.6 Nm 0.6 Nm Mating cycles ≥ 100 ≥ 100 - ≥ 100 ≥ 100 Way of locking screw screw - screw screw Body color black black - black black Body material PA PA PA PA PA Coupling nut material PA PA PA PA PA Contact carrier color black black black black black Contact carrier material PA, UL 94 V-0 PA, UL 94 V-0 <td>Coding</td> <td>K-coded</td> <td>K-coded</td> <td>-</td> <td>K-coded</td> <td>K-coded</td>	Coding	K-coded	K-coded	-	K-coded	K-coded
Mating cycles ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100 ≥ 100	Wire termination			-		
Way of locking screw screw screw screw Body color black black - black black Body material PA PA - PA PA Coupling nut material PA PA - PA PA Contact carrier color black black - black black Contact carrier material PA, UL 94 V-0 PA, UL 94 V-0 - PA, UL 94 V-0 PA, UL 94 V-0 Contact plating Au Au - Au Au Contact material CuZn CuZn - CuZn CuZn Contact material CuZn CuZn - CuZn AWG16 (1.5 mm²) with wire end ferrule, and ferrule, wire end ferrule, end ferrule ferrule ferrule AWG14 (2.5 mm²) with wire end ferrule, end fer	Recommended torque, nut	0.6 Nm	0.6 Nm	-	0.6 Nm	0.6 Nm
Body color Body material PA PA PA PA PA PA PA PA PA P	Mating cycles	≥ 100	≥ 100	-	≥ 100	≥ 100
Body material PA PA PA - PA	Way of locking	screw	screw	-	screw	screw
Coupling nut material PA PA PA - PA Contact carrier color black black PA, UL 94 V-0 PA,	Body color	black	black	-	black	black
Contact carrier color Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Delack Del	Body material	PA	PA	-	PA	PA
Contact carrier material PA, UL 94 V-0 PA, UL 94 V-0 - PA, UL 94 V-0 PA,	Coupling nut material	PA	PA	-	PA	PA
Contact plating Au Au Au CuZn CuZn CuZn CuZn AWG16 (1.5 mm²) with wire end ferrule, end ferrule, end ferrule AWG14 (2.5 mm²) without wire end ferrule Max. wire cross-section Max. wire cross-section Max. cable outer diameter But is possible to turn and fix the contact carrier in 5 different 72° possitions Ambient temperature (operation) Au Au Au Au Au Au Au Au Au A	Contact carrier color	black	black	-	black	black
Contact material CuZn CuZn AWG16 (1.5 mm²) with wire end ferrule, end ferrule, wire end ferrule wire end ferrule end ferrule Max. wire cross-section Max. wire cross-section Max. wire cross-section Max. wire cross-section Max. cable outer diameter Special features It is possible to turn and fix the contact carrier in 5 different 72° possitions Ty2° possitions Ambient temperature (operation) AWG16 (1.5 mm²) with wire end ferrule, en	Contact carrier material	PA, UL 94 V-0	PA, UL 94 V-0	-	PA, UL 94 V-0	PA, UL 94 V-0
AWG16 (1.5 mm²) with wire end ferrule, wire end ferrule, AWG14 (2.5 mm²) without wire end ferrule ferrule in source end ferrule in source end ferrule ferrule in source end ferrule in source end ferrule in source end ferrule ferrule in source end ferrule, end	Contact plating	Au	Au	-	Au	Au
mm²) with wire end ferrule, end ferrule	Contact material	CuZn	CuZn	-	CuZn	CuZn
Special features It is possible to turn and fix the contact carrier in 5 different 72° possitions Ambient temperature (operation) It is possible to turn and fix the contact carrier in 5 different 72° possitions It is possible to turn and fix the contact carrier in 5 different 72° possitions	Max. wire cross-section	mm²) with wire end ferrule, AWG14 (2.5 mm²) without wire end	mm²) with wire end ferrule, AWG14 (2.5 mm²) without wire end	-	mm²) with wire end ferrule, AWG14 (2.5 mm²) without wire end	mm²) with wire end ferrule, AWG14 (2.5 mm²) without wire end
It is possible to turn and fix the contact carrier contact carrier in 5 different 72° possitions	Max. cable outer diameter	8.013.0 mm	8.013.0 mm	-	8.013.0 mm	8.013.0 mm
turn and fix the contact carrier contact carrier in 5 different in 5 different 72° possitions 72	Environmental data					
Ambient temperature (operation) -40+185 °F -40	Special features	turn and fix the contact carrier in 5 different	turn and fix the contact carrier in 5 different	-	turn and fix the contact carrier in 5 different	turn and fix the contact carrier in 5 different
Screwed screwed screwed screwed Protection rating condition condition - condition condition (according to (according to (according to condition condition)	Ambient temperature (operation)			-		
120 00323)	Protection rating	screwed condition	screwed condition	-	screwed condition	screwed condition
Pollution level 3 3 - 3 3	Pollution level	3	3	-	3	3



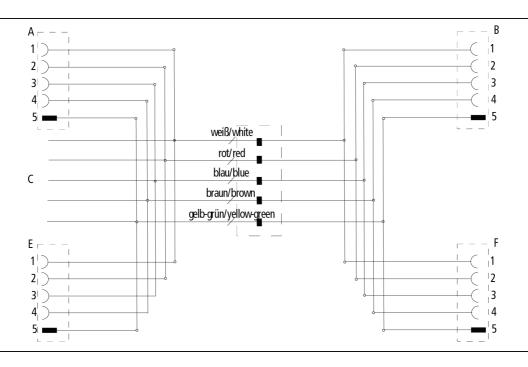
Application Note	V for AC and DC	to 12 A and 630 V for AC and DC	V for AC and DC	to 12 A and 630 V for AC and DC
	applications	applications	applications	applications

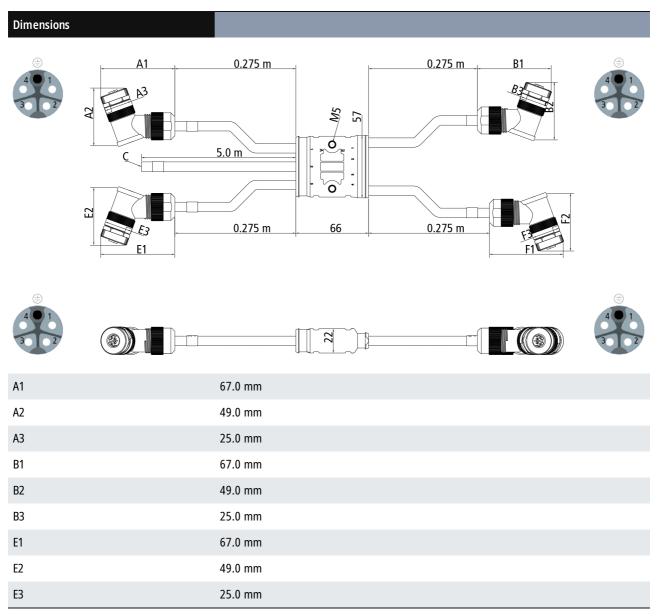
Cable

Electrical data	
Rated voltage	300 V (according to UL 758/1581)
Wire resistance (power)	1.50 mm ² : ≤ 13.3 Ω/km, 0.75 mm ² : ≤ 26.0 Ω/km
Test voltage	4000 V
Mechanical data	
Conductor construction (power)	1.50 mm ² : 84 x 0.15 mm, 0.75 mm ² : 42 x 0.15 mm
Cross-section	2 x 0.75 mm ² (AWG18) + 3 x 1.5 mm ² (AWG16)
Min. bending radius, moved	12 x outer cable diameter
Min. bending radius, fixed installation	5 x outer cable diameter
Outer cable diameter	8.5 mm ± 0.2 mm (0.3346" ± 0.0079")
Shielding	no
Use	fixed installation
UL-Style	1731
Jacket color	black
Material jacket	PVC (polyvinyl chloride)
Wire color code	1.50 mm ² : brown, blue, green/yellow 0.75 mm ² : white, red
Wire insulation material	PVC (polyvinyl chloride)
Environmental data	
Operation temperature range, moved	-5+105 °C, 23+221 °F
Operation temperature range, fixed installation	-30+105 °C, -22+221 °F
RoHS compliant	yes
Application Note	This cable is used for the various XPlanar splitter cables to supply power to the XPlanar tiles APS4322-0000-0000 in the 2 x 2, 2 x 3 or 1 x 6 layout.

Contact assembly

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F1	67.0 mm
F2	49.0 mm
F3	25.0 mm

Notes

- The following length tolerances apply: 2-3 %
- Illustrations similar

Ordering information	Length
ZC2000-0000-0021	4 x 0.275 m



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