2926331

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Assembled shielded round cable; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 50-position); cable length: 3 m

Your advantages

- Individual wire marking: 1, 2, 3, 4, etc.
- · Individual wires fitted with ferrules
- Connector in accordance with IEC 60807-2/DIN 41652
- 1:1 connection
- · Open end at one end
- · D-SUB socket or pin strip at one end
- Screw connection: 2 UNC 4-40 screws
- Shield connection: H05V-K 1 mm² cable, black, length: 0.5 m

Commercial data

Item number	2926331
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK2135
Catalog page	Page 577 (C-5-2019)
GTIN	4046356548076
Weight per piece (including packing)	838.6 g
Weight per piece (excluding packing)	819.2 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

oduct properties	
Product type	System cable
nvironmental and real-life conditions	
Ambient conditions	
Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-40 °C 70 °C (fixed installation)
	-10 °C 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C 80 °C
Altitude	≤ 2000 m
ectrical properties	
Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (Per path)	≤ 2 A (Uncoiled, see derating)
able/line	
Cable length	3 m
-	
50X0.25 [PVC]	
Number of positions	50
Shielded	yes
Cable type	50X0.25 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Conductor cross section	50x 0.25 mm ²
Wire diameter incl. insulation	1.2 mm ±0.05 mm
External cable diameter	12.40 mm ±0.5 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
	David On Hitsen Street
Conductor material	Bare Cu litz wires
Conductor material Cable resistance	$\leq 80 \ \Omega/km (at 20 \ ^{\circ}C)$
Cable resistance	≤ 80 Ω/km (at 20 °C)
Cable resistance Insulation resistance	≤ 80 Ω/km (at 20 °C) ≥ 20 MΩ*km (at 20 °C)
Cable resistance Insulation resistance Smallest bending radius, fixed installation	≤ 80 Ω/km (at 20 °C) ≥ 20 MΩ*km (at 20 °C) 106 mm
Cable resistance Insulation resistance Smallest bending radius, fixed installation Smallest bending radius, movable installation	≤ 80 Ω/km (at 20 °C) ≥ 20 MΩ*km (at 20 °C) 106 mm 200 mm



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IEC 60332-3-22 (raw cable) UL VV-1 CSA FT-1 Pesistance to oll Can withstand occasional splashes (raw cable) D-SUB50 (1) () = winite D-SUB50 (2) () = brown D-SUB50 (2) () = brown D-SUB50 (3) () = green D-SUB50 (6) () = gray D-SUB50 (6) () = gray D-SUB50 (6) () = blue D-SUB50 (6) () = rard D-SUB50 (6) () = rard D-SUB50 (7) () = rard share D-SUB50 (9) () = rard share D-SUB50 (10) () = rard share D-SUB50 (11) () = gray splink D-SUB50 (12) () = rard share D-SUB50 (13) () = white green D-SUB50 (14) () = brown-green D-SUB50 (15) () = white gray D-SUB50 (17) () = white gray D-SUB50 (18) () = gray-brown D-SUB50 (19) () = white gray D-SUB50 (20) () = mite-brown D-SUB50 (21) () = white rad D-SUB50	Flame resistance	VDE 0842, Part 332-1-2 (raw cable)
CSA FT-1 Resistance to al can withstand occasional splashes (raw cable) D-SUB50 (1) 0 = white D-SUB50 (2) 0 = forown D-SUB50 (3) 0 = green D-SUB50 (6) 0 = yellow D-SUB50 (6) 0 = pink D-SUB50 (6) 0 = bite D-SUB50 (7) 0 = bite D-SUB50 (9) 0 = white D-SUB50 (9) 0 = violet D-SUB50 (9) 0 = violet D-SUB50 (10) 0 = violet D-SUB50 (10) 0 = white-yeen D-SUB50 (11) 0 = gray-pink D-SUB50 (12) 0 = white-yeen D-SUB50 (13) 0 = white-yeen D-SUB50 (14) 0 = brown-green D-SUB50 (15) 0 = white-yeen D-SUB50 (16) 0 = white-yeen D-SUB50 (16) 0 = white-yeen D-SUB50 (16) 0 = white-yeen D-SUB50 (17) 0 = white-yeen D-SUB50 (18) 0 = gray-brown D-SUB50 (19) 0 = white-yeen D-SUB50 (20) 0 = white-yeen		IEC 60332-3-22 (raw cable)
Resistance to oil can withstand occasional splashes (raw cable) DSUB50 (1) () = while DSUB50 (2) () = brown DSUB50 (3) () = graen DSUB50 (5) () = gray DSUB50 (6) () = gray DSUB50 (7) () = blue DSUB50 (7) () = lok DSUB50 (7) () = lok DSUB50 (9) () = lok DSUB50 (10) () = red DSUB50 (11) () = gray pink DSUB50 (12) () = red-blue DSUB50 (13) () = white-green DSUB50 (14) () = brown green DSUB50 (15) () = white-green DSUB50 (16) () = gray-brown DSUB50 (16) () = gray-brown DSUB50 (17) () = white-green DSUB50 (18) () = gray-brown DSUB50 (19) () = white-gray DSUB50 (19) () = white-gray DSUB50 (20) () = pink-brown DSUB50 (21) () = white-gray DSUB50 (22) () = white-brown DSUB50 (23) (UL VW-1
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D-SUBS0 (2) 0 = brown D-SUBS0 (3) 0 = green D-SUBS0 (4) 0 = yellow D-SUBS0 (5) 0 = pink D-SUBS0 (6) 0 = pink D-SUBS0 (7) 0 = blue D-SUBS0 (9) 0 = black D-SUBS0 (9) 0 = black D-SUBS0 (10) 0 = violet D-SUBS0 (11) 0 = grav-pink D-SUBS0 (12) 0 = red-blue D-SUBS0 (13) 0 = white-green D-SUBS0 (13) 0 = white-green D-SUBS0 (14) 0 = brown-green D-SUBS0 (15) 0 = white-grean D-SUBS0 (16) 0 = gray-brown D-SUBS0 (17) 0 = white-grean D-SUBS0 (18) 0 = gray-brown D-SUBS0 (19) 0 = white-break D-SUBS0 (20) 0 = brown-blue D-SUBS0 (21) 0 = brown-blue D-SUBS0 (22) 0 = brown-blue D-SUBS0 (23) 0 = white-black D-SUBS0 (24) 0 = brown-black D-SUBS0 (25) 0 = brown-black D-SUBS0 (28) 0 = gran-black </td <td>Resistance to oil</td> <td>can withstand occasional splashes (raw cable)</td>	Resistance to oil	can withstand occasional splashes (raw cable)
D-SUB50 (3) 0 = green D-SUB50 (4) 0 = yellow D-SUB50 (5) 0 = gray D-SUB50 (6) 0 = pink D-SUB50 (7) 0 = blue D-SUB50 (7) 0 = blue D-SUB50 (8) 0 = red D-SUB50 (10) 0 = volet D-SUB50 (11) 0 = gray-pink D-SUB50 (12) 0 = red blue D-SUB50 (13) 0 = white-green D-SUB50 (14) 0 = brown-green D-SUB50 (15) 0 = white-yellow D-SUB50 (16) 0 = yellow-brown D-SUB50 (17) 0 = white-yellow D-SUB50 (18) 0 = gray-brown D-SUB50 (19) 0 = white-yellow D-SUB50 (19) 0 = white-brown D-SUB50 (20) 0 = pink-brown D-SUB50 (21) 0 = white-blue D-SUB50 (22) 0 = brown-red D-SUB50 (23) 0 = white-blue D-SUB50 (24) 0 = brown-red D-SUB50 (25) 0 = pink-green D-SUB50 (26) 0 = pink-green D-SUB50 (28) 0 = green-blue	D-SUB50 (1)	() = white
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D-SUB50 (6) 0 = pink D-SUB50 (7) 0 = blue D-SUB50 (8) 0 = red D-SUB50 (9) 0 = black D-SUB50 (10) 0 = vlotet D-SUB50 (11) 0 = gray-pink D-SUB50 (12) 0 = red-blue D-SUB50 (13) 0 = white-green D-SUB50 (14) 0 = sown-green D-SUB50 (15) 0 = white-grean D-SUB50 (16) 0 = white-grean D-SUB50 (17) 0 = white-grean D-SUB50 (18) 0 = gray-brown D-SUB50 (19) 0 = white-grean D-SUB50 (19) 0 = white-grean D-SUB50 (20) 0 = pink-brown D-SUB50 (21) 0 = white-blue D-SUB50 (22) 0 = brown-blue D-SUB50 (23) 0 = white-blue D-SUB50 (24) 0 = brown-blue D-SUB50 (25) 0 = white-black D-SUB50 (26) 0 = brown-black D-SUB50 (28) 0 = pink-green D-SUB50 (28) 0 = piok-wprean D-SUB50 (29) 0 = piok-grean D-SUB50 (20)	D-SUB50 (4)	() = yellow
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D-SUBS0 (17) () = white-gray D-SUBS0 (18) () = gray-brown D-SUBS0 (19) () = white-pink D-SUBS0 (20) () = pink-brown D-SUBS0 (21) () = white-blue D-SUBS0 (22) () = brown-blue D-SUBS0 (23) () = white-red D-SUBS0 (24) () = brown-red D-SUBS0 (25) () = white-black D-SUBS0 (26) () = brown-black D-SUBS0 (27) () = gray-green D-SUBS0 (28) () = yellow-gray D-SUBS0 (29) () = pink-green D-SUBS0 (30) () = green-blue D-SUBS0 (32) () = green-blue D-SUBS0 (33) () = green-red D-SUBS0 (34) () = green-blue D-SUBS0 (35) () = green-black D-SUBS0 (36) () = green-black D-SUBS0 (36) () = green-black D-SUBS0 (35) () = green-black D-SUBS0 (36) () = green-black D-SUBS0 (36) () = green-black D-SUBS0 (37) () = gray-blue D-SUBS0 (38) () = prink-blue	D-SUB50 (15)	() = white-yellow
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D-SUB50 (19) () = white-pink D-SUB50 (20) () = pink-brown D-SUB50 (21) () = white-blue D-SUB50 (22) () = brown-blue D-SUB50 (23) () = white-red D-SUB50 (24) () = brown-red D-SUB50 (25) () = white-black D-SUB50 (26) () = brown-black D-SUB50 (27) () = gray-green D-SUB50 (28) () = gray-green D-SUB50 (28) () = pink-green D-SUB50 (29) () = green-blue D-SUB50 (30) () = green-blue D-SUB50 (31) () = green-blue D-SUB50 (33) () = green-red D-SUB50 (34) () = green-black D-SUB50 (35) () = green-black D-SUB50 (36) () = gray-blue <td>D-SUB50 (17)</td> <td>() = white-gray</td>	D-SUB50 (17)	() = white-gray
D-SUB50 (20) () = pink-brown D-SUB50 (21) () = white-blue D-SUB50 (22) () = brown-blue D-SUB50 (23) () = white-red D-SUB50 (24) () = brown-red D-SUB50 (25) () = white-black D-SUB50 (26) () = brown-black D-SUB50 (27) () = gray-green D-SUB50 (28) () = gray-green D-SUB50 (28) () = yellow-gray D-SUB50 (29) () = green-blue D-SUB50 (30) () = green-blue D-SUB50 (31) () = green-blue D-SUB50 (33) () = green-red D-SUB50 (33) () = green-blue D-SUB50 (34) () = green-black D-SUB50 (35) () = green-black D-SUB50 (36) () = green-black D-SUB50 (36) () = gray-blue D-SUB50 (36) () = gray-blue D-SUB50 (36) () = gray-blue D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (18)	() = gray-brown
D-SUB50 (21) () = white-blue D-SUB50 (22) () = brown-blue D-SUB50 (23) () = white-red D-SUB50 (24) () = brown-red D-SUB50 (25) () = white-black D-SUB50 (26) () = gray-green D-SUB50 (28) () = gray-green D-SUB50 (29) () = prink-green D-SUB50 (30) () = green-blue D-SUB50 (31) () = green-blue D-SUB50 (33) () = green-blue D-SUB50 (33) () = green-red D-SUB50 (35) () = green-blue D-SUB50 (36) () = green-black D-SUB50 (33) () = green-blue D-SUB50 (33) () = green-blue D-SUB50 (33) () = green-red D-SUB50 (35) () = green-black D-SUB50 (36) () = green-black D-SUB50 (37) () = grey-blue D-SUB50 (37) () = grey-blue D-SUB50 (38) () = prink-blue	D-SUB50 (19)	() = white-pink
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D-SUB50 (23) () = white-red D-SUB50 (24) () = brown-red D-SUB50 (25) () = white-black D-SUB50 (26) () = brown-black D-SUB50 (27) () = gray-green D-SUB50 (28) () = yellow-gray D-SUB50 (29) () = pink-green D-SUB50 (30) () = green-blue D-SUB50 (31) () = green-blue D-SUB50 (32) () = green-red D-SUB50 (33) () = green-blue D-SUB50 (33) () = green-black D-SUB50 (33) () = green-blue D-SUB50 (35) () = green-black D-SUB50 (36) () = green-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = prink-blue	D-SUB50 (21)	() = white-blue
D-SUB50 (24) () = brown-red D-SUB50 (25) () = white-black D-SUB50 (26) () = brown-black D-SUB50 (27) () = gray-green D-SUB50 (28) () = yellow-gray D-SUB50 (29) () = pink-green D-SUB50 (30) () = yellow-pink D-SUB50 (31) () = green-blue D-SUB50 (32) () = green-red D-SUB50 (33) () = green-red D-SUB50 (34) () = green-black D-SUB50 (35) () = green-black D-SUB50 (36) () = green-black D-SUB50 (38) () = green-black	D-SUB50 (22)	() = brown-blue
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D-SUB50 (30) () = yellow-pink D-SUB50 (31) () = green-blue D-SUB50 (32) () = yellow-blue D-SUB50 (33) () = green-red D-SUB50 (34) () = green-black D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (28)	() = yellow-gray
D-SUB50 (31) () = green-blue D-SUB50 (32) () = yellow-blue D-SUB50 (33) () = green-red D-SUB50 (34) () = yellow-red D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (29)	() = pink-green
D-SUB50 (32) () = yellow-blue D-SUB50 (33) () = green-red D-SUB50 (34) () = yellow-red D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue		() = yellow-pink
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D-SUB50 (34) () = yellow-red D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (32)	() = yellow-blue
D-SUB50 (35) () = green-black D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (33)	
D-SUB50 (36) () = yellow-black D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (34)	() = yellow-red
D-SUB50 (37) () = gray-blue D-SUB50 (38) () = pink-blue	D-SUB50 (35)	() = green-black
D-SUB50 (38) () = pink-blue	D-SUB50 (36)	() = yellow-black
	D-SUB50 (37)	() = gray-blue
D-SUB50 (39) () = gray-red		() = pink-blue
	D-SUB50 (39)	() = gray-red



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D-SUB50 (40)	() = pink-red
D-SUB50 (41)	() = gray-black
D-SUB50 (42)	() = pink-black
D-SUB50 (43)	() = blue-black
D-SUB50 (44)	() = red-black
D-SUB50 (45)	() = white-brown
D-SUB50 (46)	() = yellow-green
D-SUB50 (47)	() = gray-pink
D-SUB50 (48)	() = blue-red
D-SUB50 (49)	() = white-green
D-SUB50 (50)	() = green-brown

Connection data

Connection 1	
Connection method	Single wires
Stripping length (Sheath)	≈ ℃€ mm
Number of positions	50
Note	The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.

Connection 2

Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB socket strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	50
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200
Pitch	2.77 mm

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third- party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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