# CABLE-2FLK24/2FLK24/DV/ 0,5M/S - Cable

#### 2906950

https://www.phoenixcontact.com/us/products/2906950

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Assembled shielded round cable; controller: Emerson Delta V S-Series; connection 1: IDC/FLK socket strip (2x 24-position); connection 2: IDC/FLK socket strip (2x 24-position); cable length: 0. 5 m

### Commercial data

Item number	2906950
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK2152
GTIN	4055626144832
Weight per piece (including packing)	107 g
Weight per piece (excluding packing)	105.6 g
Customs tariff number	85444290
Country of origin	DE

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# Technical data

duct type	System cable
onmental and real-life conditions	
nbient conditions	
Degree of protection	IP00
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
trical properties	
Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (Per path, 50°C)	≤ 1 A (Uncoiled, see derating)
Current (Per path, 70°C)	≤ 0.6 A (Uncoiled, see derating)
upported controller EMERSON DeltaV	05 105000011
Suitable I/O card	SE4053S2B11
	SE4083S2B11
le/line	
Cable length	0.5 m
)X0.14 [PVC]	
UL AWM Style	2464/1061
Number of positions	50
Shielded	yes
Cable type	50X0.14 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
-	50x 0.14 mm <sup>2</sup>
Conductor cross section	
Conductor cross section Wire diameter incl. insulation	1 mm ±0.03 mm
	1 mm ±0.03 mm 11.00 mm ±0.3 mm
Wire diameter incl. insulation	11.00 mm ±0.3 mm
Wire diameter incl. insulation External cable diameter Outer sheath, material	11.00 mm ±0.3 mm Semi-rigid PVC
Wire diameter incl. insulation External cable diameter	11.00 mm ±0.3 mm       Semi-rigid PVC       gray
Wire diameter incl. insulation External cable diameter Outer sheath, material External sheath, color	11.00 mm ±0.3 mm Semi-rigid PVC

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Smallest bending radius, fixed installation	114 mm
Smallest bending radius, movable installation	205 mm
Max. bending cycles	5000 (at a radius of $\geq$ 18x outside diameter)
Halogen-free	no
Flame resistance	IEC 60332-1-2 (raw cable)
	VDE 0842, Part 332-1-2 (raw cable)
	IEC 60332-3-22 (raw cable)
	UL VW-1
	CSA FT-1
Resistance to oil	can withstand occasional splashes (raw cable)

#### Connection data

#### Connection 1

Connection in acc. with standard	based on IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	2
Number of positions	24
Conductor cross section AWG	26
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

#### Connection 2

Connection in acc. with standard	based on IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	2
Number of positions	24
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

#### Notes

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

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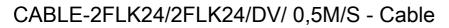
# Classifications

#### ECLASS

ECLASS-11.0	27242220
ECLASS-12.0	27242220
ECLASS-13.0	27242220

### ETIM

	ETIM 9.0	EC000237
UNSPSC		
	UNSPSC 21.0	26121600



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### Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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