DS1-E48xxx EtherCAT Communication Type Cable Selection

Cable Drawing: DS1-E48xxx EtherCAT通讯型线缆文档

Accessories Specification Sheet						
Line Length	Interface Number	Instructions	Interface Quantity	Accessory Specifications	Accessory Ordering Encoding	Re
1m	J1/J9	EtherCAT & STO & 485 Cascade Debugging	2	Cable Assembly - New FLEX-R-ECAT-STO Cable - 1m	15310492	
				Cable Assembly - New FLEX-R-ECAT-STO Cascade Cable - 1m	15310496	
				Cable Assembly - New FLEX-R-ECAT-STO Cascade Cable (No Debug Cascade) - 1m	15310500	
	J12	Encoder	1	Cable Assembly - New FLEX-R - Encoder Cable - 1m	15310484	
	J4	Control Signal	1	Cable Assembly - New FLEX-R-IO Cable - 1m	15310488	
	J6	Brake	1	Cable Assembly - New FLEX-R - Brake Cable - 1m	15310504	
	J3	Debug Interface	1	Universal-Type-C Debugging Cable-1m	15310439	
	Motor	Motor power line	1	Cable Assembly - FLEX - UVW (28A) Cable - 1m - AWG13 * 3 Core Cable - OT2.5 - 3.2 - Black - Cut	15310144	20-28A sq.
	Motor	Motor power line		Cable Assembly - FLEX UVW Cable - 1m - AWG15*3 Core Cable - RV1.25 - 3.2 - Black - Cut	15310084	20A p belc squa
	Power	Power Supply	1	Cable Assembly - FLEX - DC BUS + Capacitor (28A) Cable - 1m - AWG13*3 Core Cable - OT2.5 - 3.2 - Black - Cut	15310140	20-28A squar cap
	Power	Power Supply		Cable Assembly - DC BUS + Capacitor Cable - 1m - AWG15*3 Core Cable - RV1.25 - 3.2 - Black - Cut	15310114	10-20A squar cap
	Power	Power Supply		Cable Assembly - FLEX DC BUS Cable - 1m - AWG15*3 Core Cable - RV1.25-3.2 - Black - Cut	15310083	10A p belc squa
	J1/J9	EtherCAT & STO & 485 Cascade Debugging	2	Cable Assembly - New FLEX-R-ECAT-STO Cable - 3m	15310493	
				Cable Assembly - New FLEX-R-ECAT-STO Cascade Cable - 3m	15310497	
				Cable assembly - new FLEX-R-ECAT-STO cascade cable (no commissioning cascade) -3m	15310501	
	J12	Encoder	1	Cable Assembly - New FLEX-R-Encoder Cable - 3m	15310485	
	J4	Control Signal	1	Cable Assembly - New FLEX-R-IO Cable - 3m	15310489	
	J6	Brake		Cable Assemblies - New FLEX-R - Brake Cable - 3m	15310505	
	J3	Debug	1	General-purpose Type-C debugging cable-3m	15310441	

3m		Interface				
	Motor	Motor power line	1	Cable Assembly - FLEX-UVW (28A) Cable - 3m-AWG13 * 3 Core Cable - OT5-3.2 - Black - Cut Off	15310145	20-28A sq.
	Motor	Motor power line		Cable Assembly - FLEX UVW Cable - 3m - AWG15 * 3 Core Cable - RV25-3.2 - Black - Cut Off	15310092	20A p belo squa
	Power	Power Supply	1	Cable Assembly-FLEX-DC BUS + Capacitor (28A) Cable-3m-AWG13 * 3-core Cable-OT5-3.2 - Black - Cut Off	15310141	20-28A squar cap
	Power	Power Supply		Cable Assembly - FLEX-DC BUS + Capacitive Cable - 3m-AWG15 * 3 Core Cable - RV25-3.2 - Black - Cut Off	15310115	10-20A squar cap
	Power	Power Supply		Cable Assembly - FLEX DC BUS Cable - 3m - AWG15 * 3 Core Cable - RV25-3.2 - Black - Cut Off	15310091	10A p belo squa
	J1 / J9	EtherCAT & STO & 485	2	Cable Assembly - New FLEX-R-ECAT-STO Cable - 5m	15310494	
				Cable Assembly - New FLEX-R-ECAT-STO		

> If you need to make your own cable, the terminal model at the drive board end is shown in DS1-E48xxx EtherCAT通讯型 接线引导与规范 document. Please strictly compare the terminal pin descriptions in the document and wire correctly.

5m	J4	Control Signal	1	Cable Assembly - New FLEX-R-IO Cable - 5m	15310490	
	J6	Brake		Cable Assembly - New FLEX-R - Brake Cable - 5m	15310506	
	J3	Debug Interface	1	Universal-Type-C Debugging Cable-5m	15310442	
	Motor	Motor power line	1	Cable Assembly - FLEX - UVW (28A) Cable - 5m - AWG13*3 Core Cable - OT2.5 - 3.2 - Black - Cut	15310146	20-28A sq.
	Motor	Motor power line		Cable Assembly - FLEX UVW Cable - 5m - AWG15*3 Core Cable - RV1.25 - 3.2 - Black - Cut	15310100	20A p belo squa
	Power	Power Supply	1	Cable Assembly - FLEX - DC BUS + Capacitor (28A) Cable - 5m - AWG13*3 Core Cable - OT2.5 - 3.2 - Black - Cut	15310142	20-28A squar cap
	Power	Power Supply		Cable Assembly - FLEX - DC BUS + Capacitor Cable - 5m - AWG15*3 Core Cable - RV1.25 - 3.2 - Black - Cut	15310126	10A p belo squa
	Power	Power Supply		Cable Assembly - FLEX DC BUS Cable - 5m - AWG15*3 Core Cable - RV1.25 - 3.2 - Black - Cut	15310099	10-20A squar cap
Shell						
Shell			1	DS1-E Enclosure - Plastic - 86*55.5*21.1mm - Black - Silk Screen	21070072	EtherC Commu Type