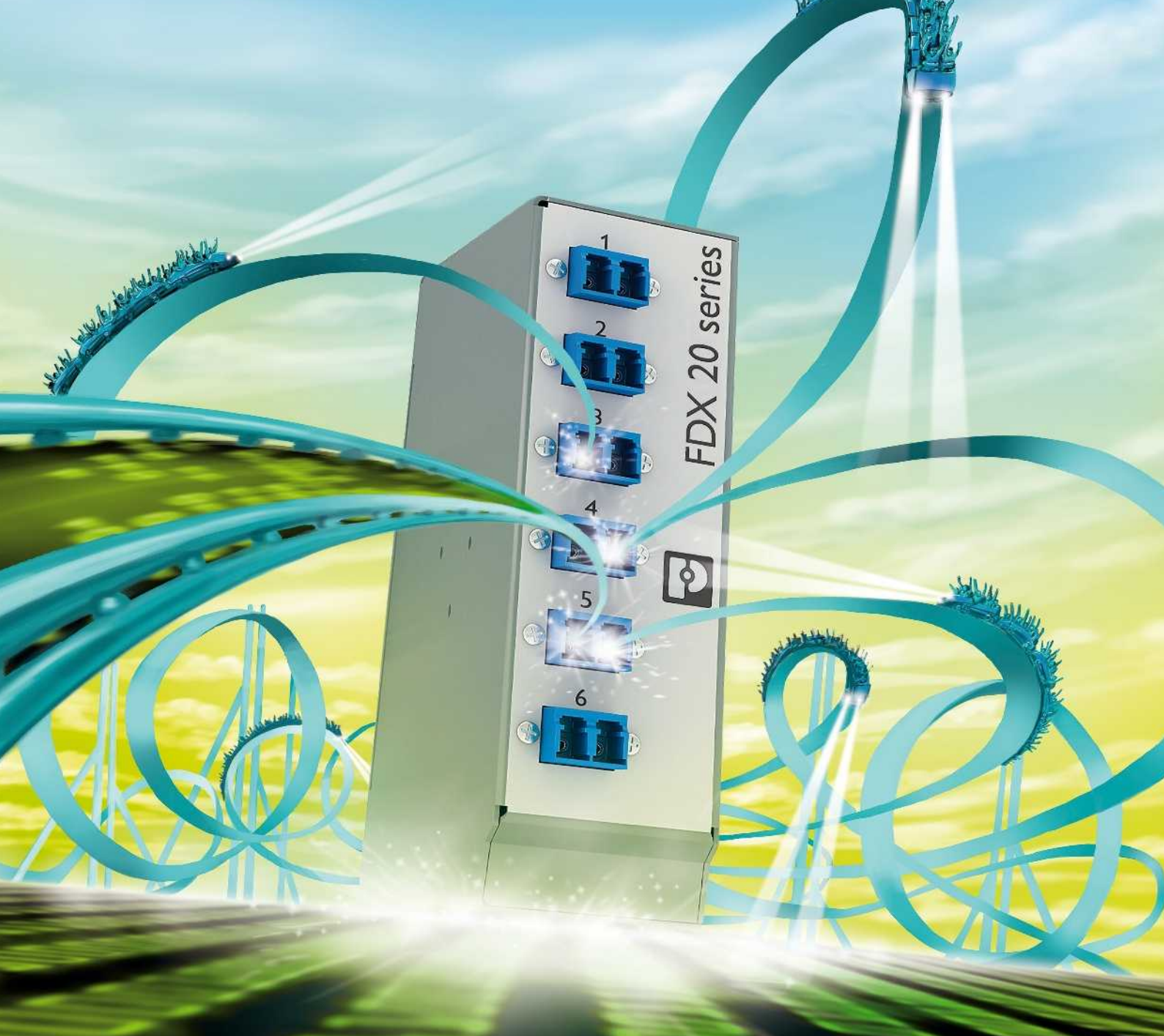


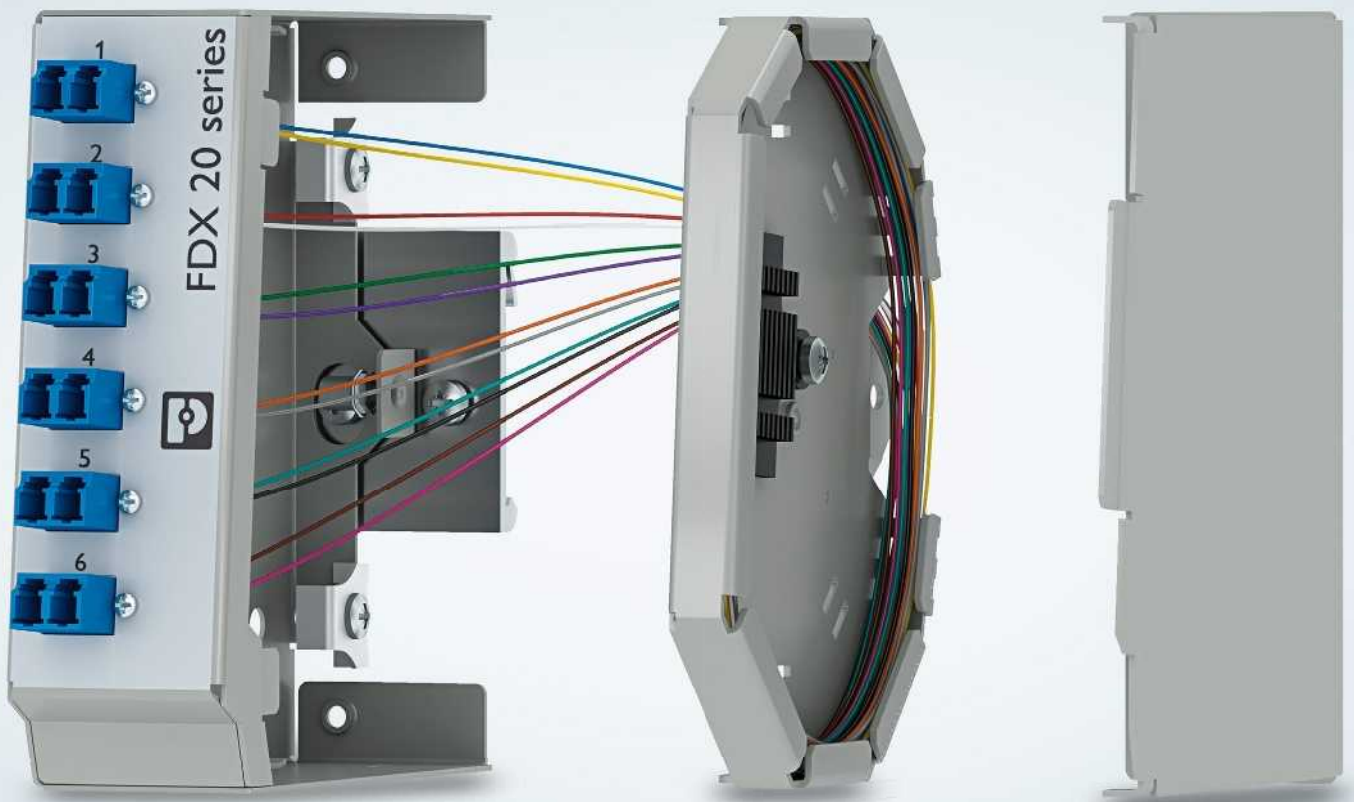


High-speed, future-proof data transmission

Compact FO splice boxes for DIN rails

High-speed, future-proof data transmission

The new splice boxes from Phoenix Contact ensure continuously reliable data transmission in real time. With their compact and uniform design, the splice boxes provide plenty of interior space for the secure connection of fiber optics.



Advantages and applications



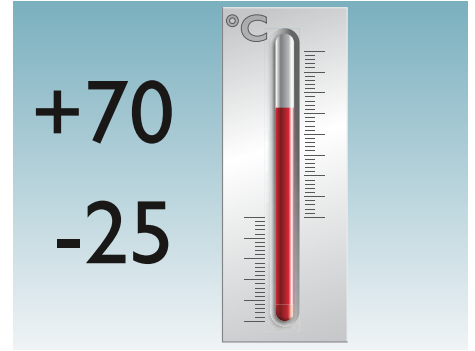
Compact design

Up to 12 duplex connections and more space in control cabinets



Installation

Reduced installation time, thanks to pre-assembled, ready-to-splice design



Stringent requirements

Meets temperature requirements from -25 to +70°C in operation



Renewable energies



Mining



Conventional power generation



Logistics centers



Wastewater treatment plants



Refineries

FO splice boxes, FDX 20 series, IP20

DIN rail mounting, pin connector pattern 6 x LC duplex

i Web code: #0336				
Designation	FOC - FDX20 - PP - LC6 - MM	FOC - FDX20 - PP - LCD6 - OM2 - PT9	FOC - FDX20 - PP - LCD6 - OM4 - PT9	FOC - FDX20 - PP - LCD6 - OSP - PT9
Cable type	Multimode	Multimode	Multimode	Single mode PC
Fiber type	Without pigtails	OM2 (G50/125 μm)	OM4 (G50/125 μm)	OS2 (E9/125 μm)
Order No.	1019710	1019713	1019712	1019711

DIN rail mounting, pin connector pattern 12 x LC duplex

				
Designation	FOC - FDX20 - PP - LCQ6 - MM	FOC - FDX20 - PP - LCQ6 - OM2 - PT9	FOC - FDX20 - PP - LCQ6 - OM4 - PT9	FOC - FDX20 - PP - LCQ6 - OSP - PT9
Cable type	Multimode	Multimode	Multimode	Single mode PC
Fiber type	Without pigtails	OM2 (G50/125 µm)	OM4 (G50/125 µm)	OS2 (E9/125 µm)
Order No.	1019705	1019709	1019708	1019707

DIN rail mounting, pin connector pattern 6 x SC duplex

				
Designation	FOC - FDX20 - PP - SCD6 - MM	FOC - FDX20 - PP - SCD6 - OM2 - PT9	FOC - FDX20 - PP - SCD6 - OM4 - PT9	FOC - FDX20 - PP - SCD6 - OSP - PT9
Cable type	Multimode	Multimode	Multimode	Single mode PC
Fiber type	Without pigtails	OM2 (G50/125 µm)	OM4 (G50/125 µm)	OS2 (E9/125 µm)
Order No.	1019686	1019700	1019698	1019692

FO splice boxes, FDX 20 series, IP20

DIN rail mounting, pin connector pattern 6 x ST duplex

 Web code: #0336					
	Designation	FOC - FDX20 - PP - STD6 - MM	FOC - FDX20 - PP - STD6 - OM1 - PT9	FOC - FDX20 - PP - STD6 - OM2 - PT9	FOC - FDX20 - PP - STD6 - OSP - PT9
	Cable type	Multimode	Multimode	Multimode	Single mode PC
	Fiber type	Without pigtails	OM1 (G62,5/125 μm)	OM2 (G50/125 μm)	OS2 (E9/125 μm)
	Order No.	1019681	1019684	1019683	1019682

DIN rail mounting

19" mounting

Pin connector pattern LSH/E2000

Pin connector pattern 6 x LC duplex

Pin connector pattern 12 x LC duplex

				
Designation	FOC - FDX20 - PP - E2D6 - OSA - PT9	FOC - FDX20 - PP - LCD6 - OSA - PT9	FOC - SB - FR19: 1U - LCD12 - OM2 GY	FOC - SB - FR19: 1U - LCD12 - OM4 BK
Cable type	Single mode APC	Single mode APC	Multimode	Multimode
Fiber type	OS2 (APC) (E9/125 μm)	OS2 (APC) (E9/125 μm)	OM2 (G50/125 μm)	OM4 (G50/125 μm)
Order No.	1019680	1083665	1418815	1418817

19" mounting, pin connector pattern 24 x LC duplex

		
Designation	FOC - SB - FR19: 1U - LCD24 - OM2 GY	FOC - SB - FR19: 1U - LCD24 - OM4 BK
Cable type	Multimode	Multimode
Fiber type	OM2 (G50/125 μm)	OM4 (G50/125 μm)
Order No.	1418816	1418818

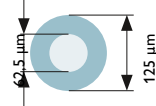
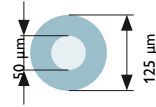
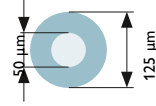
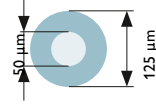
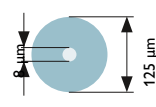
FO, fiberglass zip cords, multimode, IP20

		FSMA	SC-RJ	SC duplex	ST(B-FOC)	LC duplex
 Web code: #0333						
		Variable lengths 1 m ... 1000 m				
FSMA	Fiber class					
	OM1	1406532	–	1406536	1406535	1413787
	OM2	–	–	–	–	–
	OM3	–	–	–	–	–
	OM4	–	–	–	–	–
SC-RJ						
	OM1	–	–	–	–	–
	OM2	–	1405703	1405700	1405710	1405694
	OM3	–	1405704	1405701	1405711	1405695
	OM4	–	1405705	1405702	–	1405696
SC duplex						
	OM1	1406536	–	1413790	1413791	1413789
	OM2	–	1405700	1405697	1405708	1405691
	OM3	–	1405701	1405698	1405709	1405692
	OM4	–	1405702	1405699	–	1405693
ST(B-FOC)						
	OM1	1406535	–	1413791	1413821	1413792
	OM2	–	1405710	1405708	1405712	1405706
	OM3	–	1405711	1405709	–	1405707
	OM4	–	–	–	–	–
LC duplex						
	OM1	1413787	–	1413789	1413792	1413788
	OM2	–	1405694	1405691	1405706	1405688
	OM3	–	1405695	1405692	1405707	1405689
	OM4	–	1405696	1405693	–	1405690

FO, fiberglass zip cords, single mode, IP20

		LC duplex	SC duplex	ST (B-FOC)
 Web code: #0333				
		Fixed lengths		
LC duplex	Cable length			
	1 m	2989187	2989190	2989242
	2 m	2989284	2989297	2989349
	5 m	2901826	2901827	2901828
SC duplex				
	1 m	2989190	2901829	2901832
	2 m	2989297	2901830	2901833
	5 m	2901827	2901831	2901834
ST (B-FOC)				
	1 m	2989242	2901832	2901836
	2 m	2989349	2901833	2901837
	5 m	2901828	2901834	2901838

Zip cord fiber classes

Multimode	Sheath color	Fiber category	Typical range	Typical wavelength	Fiber design
	Orange	OM1	1000Base-SX: min. 350 m 1000Base-LX: min. 550 m	850 nm 1300 nm	
	Orange	OM2	1000Base-SX: min. 525 m 1000Base-LX: min. 1000 m	850 nm 1300 nm	
	Aqua	OM3	1000Base-SX: min. 1000 m 1000Base-LX: min. 550 m 10GBase-SX: min. 300 m	850 nm 1300 nm	
	Heather violet	OM4	1000Base-SX: min. 1040 m 1000Base-LX: min. 600 m 10GBase-SX: min. 550 m	850 nm 1300 nm	
Single mode					
	Yellow	OS2	10GBase-LR: min. 10 km 10GBase-ER: min. 40 km	1310 nm 1550 nm	

Open communication with customers and partners worldwide

Phoenix Contact is a global market leader based in Germany. We are known for producing forward-thinking products and solutions for the comprehensive electrification, networking, and automation of all sectors of the economy and infrastructure. With a global network, we maintain close relationships with our customers, something we believe is essential for our common success.

You can find your local partner at
phoenixcontact.com

