

Cable Track Cable

Selection table



B
6

		Cable type																					
		SD 86	S 86	SD 86 C	S 86 C	SD 86 C TP	SD 90	S 90	SD 90 C	S 90 C	SD 90 C TP	SD 200	S 200	SD 200 C	S 200 C	SD 200 C TP	S 180 HT	S 180 C HT	S 900	S 900 P	S 910 P	S 910 CP	
Application	Data cables	●		●		●	●		●		●	●		●	●	●	●	●	●	●	●	●	●
	Control cables		●		●			●		●			●		●	●		●	●	●	●	●	●
	Screened twisted pair stranding			●	●				●	●				●	●								●
Temperature range fixed laying*	+200 °C																●	●					
	+180 °C																●	●					
	+90 °C																●	●					
	+70 °C																●	●					
	-25 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	-30 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	-40 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	-50 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Voltage	Peak operating voltage max. 350 V	●		●		●	●		●		●	●		●	●	●							
	Nominal voltage 300/500 V		●		●			●		●			●		●								
	Nominal voltage 0,6/1 kV																●	●	●	●	●	●	●
	Voltage UL 300 V																	●	●	●	●	●	●
	Voltage UL 600 V																		●	●	●	●	●
	Voltage (UL) 600 V																			●	●	●	●
	Voltage CSA 300 V																			●	●	●	●
	Voltage CSA 600 V																			●	●	●	●
	Voltage CSA 1000 V																				●	●	●
	Testing voltage: 1500 V	●		●		●	●		●		●	●		●	●	●	●						
	Testing voltage: 2000 V																						
Testing voltage: 3000 V		●		●			●		●														
Testing voltage: 4000 V																	●	●					
Characteristics, standards and approvals	Flexible at low temperature											●	●	●	●	●							
	PWIS uncritical**											●	●	●	●	●							
	Halogen-free acc. to IEC 60754-1 + VDE 0482-754-1											●	●	●	●	●						●	●
	Fire performance: Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2	●	●	●	●	●												●	●	●	●	●	●
	Fire performance: acc. to UL VW-1																		●				
	Fire performance: acc. to UL FT1																						
	Fire performance: acc. to UL FT1, FT2																				●	●	●
	Fire performance: acc. to CSA FT1, FT2																				●	●	●
	UL recognized (UL) listed																				●	●	●
	CSA approved																				●	●	●
	Very good oil resistance acc. to EN 50363-10-2 + VDE 0207-363-10-2							●	●	●	●	●	●	●	●	●	●				●	●	●
	Very good oil resistance acc. to EN 50363-4-1 + VDE 0207-363-4-1																			●			
	Oilrating 60 °C acc. to UL 758																						
Oil resistance acc. to internal standard	●	●	●	●	●																		
Good chemical resistance							●	●	●	●	●	●	●	●	●	●				●	●	●	
Application A: high service life B: medium service life C: short service life	At acceleration values of up to 05 m/s ²	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	#	#	A	A	A	A	
	up to 20 m/s ²	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	#	#	B	A	A	A	
	up to 40 m/s ²	C	C	C	C	C	B	B	B	B	B	A	A	A	A	A	#	#	B	B	B	B	
	more than 40 m/s ²	C	C	C	C	C	B	B	B	B	B	A	A	A	A	A	#	#	B	B	B	B	
	At path feet rates of up to 01 m/s	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	#	#	A	A	A	A
	up to 03 m/s	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	#	#	B	A	A	A	
	up to 10 m/s	C	C	C	C	C	B	B	B	B	B	A	A	A	A	A	#	#	B	B	B	B	
	more than 10 m/s	C	C	C	C	C	B	B	B	B	B	A	A	A	A	A	#	#	B	B	B	B	
	For cable tracks with a length of up to 05 m	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	#	#	A	A	A	A
	up to 10 m	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	#	#	B	A	A	A
	up to 25 m	C	C	C	C	C	B	B	B	B	B	A	A	A	A	A	A	#	#	C	B	B	B
	more than 25 m	C	C	C	C	C	B	B	B	B	B	A	A	A	A	A	A	#	#	C	B	B	B



**PWIS = paint-wetting impairment substances
= not specified

*The temperature range for flexible application is mentioned on the corresponding catalogue page

Cable Track Cable

Selection table



		Cable type																	
		PVC/PVC	PVC/PVC	PVC/PVC	PVC/PVC	PVC/PVC	PVC/PUR	PVC/PUR	PVC/PUR	PVC/PUR	PVC/PVC	PVC/PVC	TPE/PUR	TPE/PUR	TPE/PUR	TPE/PUR			
		SD 960	S 960 / blue / red	SD 960 CY	S 960 CY	SD 960 CY TP	SD 960 P	S 960 P / blue / red	SD 960 CP	S 960 CP	SD 960 CP TP	S 965 MTW	S 965 MTW CY	SD 980 P	S 980 P	SD 980 CP	S 980 CP	SD 980 CP TP	
Application	Data cables	●		●		●	●		●		●			●		●	●	●	●
	Control cables		●		●			●		●					●			●	
	Screened twisted pair stranding			●	●				●	●						●	●		●
						●					●								●
Temperature range fixed laying*	+200 °C																		
	+180 °C																		
	+90 °C																		
	+70 °C																		
	-25 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	-30 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	-40 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	-50 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Voltage	Peak operating voltage max. 350 V	●		●		●	●		●		●			●		●	●	●	
	Nominal voltage 300/500 V		●		●			●		●			●		●		●	●	
	Nominal voltage 0,6/1 kV																		
	Voltage UL 300 V	●		●		●	●		●		●			●		●	●	●	
	Voltage UL 600 V		●		●			●		●			●		●		●	●	
	Voltage (UL) 600 V																		
	Voltage CSA 300 V							●		●				●		●	●	●	
	Voltage CSA 600 V		●		●			●		●					●		●	●	
	Voltage CSA 1000 V																		
	Testing voltage: 1500 V	●		●		●	●		●		●			●		●	●	●	
	Testing voltage: 2000 V		●		●			●		●				●		●	●	●	
	Testing voltage: 3000 V									●			●						
Testing voltage: 4000 V																			
Characteristics, standards and approvals	Flexible at low temperature													●	●	●	●	●	
	PWIS uncritical**													●	●	●	●	●	
	Halogen-free acc. to IEC 60754-1 + VDE 0482-754-1													●	●	●	●	●	
	Fire performance: Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2	●	●	●	●	●		●		●		●	●	●	●	●	●	●	
	Fire performance: acc. to UL VW-1	●	●	●	●	●		●		●		●	●	●	●	●	●	●	
	Fire performance: acc. to UL FT1																		
	Fire performance: acc. to UL FT1, FT2		●		●		●	●		●	●	●		●	●	●	●	●	
	Fire performance: acc. to CSA FT1, FT2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	UL recognized (UL) listed		●		●		●	●	●	●	●		●		●	●	●	●	
	CSA approved														●	●	●	●	
	Very good oil resistance acc. to EN 50363-10-2 + VDE 0207-363-10-2												●	●					
	Very good oil resistance acc. to EN 50363-4-1 + VDE 0207-363-4-1							●	●	●	●	●							
Oilrating 60 °C acc. to UL 758							●	●	●	●	●								
Oil resistance acc. to internal standard	●	●	●	●	●														
Good chemical resistance							●	●	●	●	●		●	●	●	●	●		
Application A: high service life B: medium service life C: short service life	At acceleration values of up to 05 m/s ²	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
	up to 20 m/s ²	B	B	B	B	B	A	A	A	A	A	B	B	A	A	A	A	A	
	up to 40 m/s ²	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	
	more than 40 m/s ²	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	
	At path feet rates of up to 01 m/s	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
	up to 03 m/s	B	B	B	B	B	A	A	A	A	A	B	B	A	A	A	A	A	
	up to 10 m/s	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	
	more than 10 m/s	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	
	For cable tracks with a length of up to 05 m	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	up to 10 m	B	B	B	B	B	A	A	A	A	A	B	B	A	A	A	A	A	
	up to 25 m	C	C	C	C	C	B	B	B	B	B	C	C	A	A	A	A	A	
	more than 25 m	C	C	C	C	C	B	B	B	B	B	C	C	A	A	A	A	A	



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