

TRAY CABLES

SABIX® D 331 PLTC Type PLTC

UV resistant 75°C halogen-free
Power Limited Circuit Cable



Marking for SABIX® D 331 PLTC 83311224:

SAB BRÖCKSKES · D-VIERSEN · SABIX® D 331 PLTC 12 AWG/24c (UL) Type PLTC 75°C 300V CE

SABIX® D 331 PLTC is a halogen-free, lead-free low voltage control and signal cable for industrial applications. This UL listed unshielded, multiconductor cable can be used in measuring and process control equipment. SABIX® D 331 PLTC is also permitted to be used in hazardous (classified) locations class I, Division 2 per NEC article 501 (B).

Construction:

Conductor:	bare copper strands acc. to IEC 60228 class 5 and UL standard 758 table 5.1 + UL 1581 table 20.1
Insulation:	SABIX® 231
Color code:	one white conductor with number 1; black conductors with consecutive white numbers
Stranding:	in layers
Jacket material:	SABIX® 235
Jacket color:	black

Outstanding features:

- Flexible cable for cable tray use even where sunlight resistance is required
- (UL) listed

Technical data:

Voltage:	300 V
Testing voltage:	1500 V
Min. bending radius	
fixed installation:	5 x O.D.
free movement:	7,5 x O.D.
Temperature (UL):	up to +75°C
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1
Burning characteristics:	(UL) FT4
Sunlight resistance:	yes
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/25

item no.	no. of conductors incl. ground	nominal outer-Ø inch	mm	cable weight ≈ lbs/mft
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► 20 AWG

83312002	2	0.205	5.2	29
83312003	3	0.213	5.4	34
83312004	4	0.228	5.8	40
83312005	5	0.248	6.3	47
83312006	6	0.268	6.8	54
83312012	12	0.346	8.8	91
83312018	18	0.425	10.8	136

Other dimensions and colors are possible on request.

E
29