

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

Technical data:

Voltage:	300 V
Testing voltage:	1500 V
Min. bending radius	
<i>fixed installation:</i>	5 x O.D.
<i>free movement:</i>	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-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25

Outstanding features:

- Flexible cable for cable tray use even where sunlight resistance is required

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
----------	--------------------------------	----------------------	----	------------------------

► 20 AWG • 0.50 mm²

83312002	2	0.205	5.2	28
83312003	3	0.213	5.4	32
83312004	4	0.228	5.8	38
83312005	5	0.248	6.3	44
83312007	7	0.268	6.8	54
83312012	12	0.346	8.8	87
83312018	18	0.425	10.8	130

Other dimensions and colors are possible on request.