

Control Cable

TRAY-C TC -ER



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Flexible power process control and instrumentation cable for cable trays and machine tools. For fixed installation in dry and damp rooms as well as outdoors. The cable is largely oil-resistant.

- Flammability category FT4/IEEE of Vertical-Tray Fire-Propagation and Smoke-Release Test UL 1685 standard.
- Flame-retardant according to IEC 60332-1-2 and UL VW1 CSA FT1 (flame spread on a single cable)
- Construction acc. to UL 1277 and UL 1063 (Oil-resistant acc. to UL OIL RES I, Water-resistant, UL Wet approval 75 °C)
- Acc. to UL 2277 Flexible Motor Supply Lead Cable (ZJFH) and Wind Turbine Tray Cable (ZGZN)
- Acc. to CSA 239-09 Standard for Control and Instrumentation Cables (CIC)
- UV resistant according to EN 50396 and HD 605 A1 – Sun Light Resistant according UL 1581
- Direct Burial according UL 1277 part 5.2 (wet-locations insulation) and 18.1 – 18.6 (crushing test).
- According to UL styles 10012 - 21179 and CSA - AWM I A/B II A/B

Construction and technical data:

- Insulation: PVC acc. to UL 1277, UL 1063, UL 158 type QMTT2 and UL 105°C
- Outer sheath: PVC acc. UL 1277, UL 1063, UL 1581 type QMTT2 and UL 105°C

Standard:	UL 1063-1277
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	PVC
Sheathing material:	PVC
Colour of outer sheath:	black
Flame-retardant:	DIN EN 50266-2-4/VDE 0482-266-2-4/IEC 60332-3-24 (cat. C)
UV-resistant:	yes
Oil-resistant:	yes
Permitted outer cable temperature, fixed, °C:	-40 - +90 °C
Permitted outer cable temperature, moved, °C:	-5 - +90 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	15 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Nominal voltage	
IEC	600/1000 V
TC MTV	600 V
AWM	600 V

TRAY-C TC -ER

Nominal voltage U_o: 0.6 kV

Nominal voltage U: 1 kV

Core identification: green-yellow + numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
038082	TRAY-C TC ER O.R. MTW 04G35 (AWG 2)(UL 1063-1277) BK	0.554	31	1515	2202

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000