

Tray & VFD Cables



TR 600 Auto Combo C HD

Shielded heavy duty motor supply cable with one shielded pair
Type TC-ER and MTW



FT4 CSA AWM I/II A/B 90C 600V FT4 RoHS CE



Marking for the TR 600 Auto Combo C HD 32431404:

SAB NORTH AMERICA · TR 600 AUTO COMBO C HD P/N 32431404 (UL) TC-ER 14 AWG/4C XHHW-2 +14 AWG/1PR 90C DRY/WET 600V OIL RES I/II SUN RES DIR BUR OR WTTC 1000V OR FLEXIBLE MOTOR SUPPLY CABLE OR AWM 21270 105C 600V OR C(UL) CIC-TC XLPE/PVC/N 600V FT4 CSA AWM I/II A/B 90C 600V FT4 CE ROHS

Construction:

Conductor:	tinned copper strands class M
Insulation:	special formulated crosslinked PE, pair: PVC/Nylon
Color code:	black conductors with consecutive white numbers and a green/yellow ground
Stranding:	signal conductors in pairs
Shielding:	pairwise with alu foil, tinned copper drain wire AWG 26 and braided with tinned copper wires
Wrapping:	pairwise with PETP foil
Stranding:	shielded signal pair(s) and power conductors in layers
Wrapping:	non-woven tape
Shielding:	double shielded, alu foil and tinned copper braiding
Jacket material:	TPE
Jacket color:	black (RAL 9005)

Technical data:

Voltage:	(UL) / c(UL): 600 V	UL-AWM / CSA-AWM: 1000 V	(UL) WTTC: 1000 V
Testing voltage:	2500 V		
Min. bending radius:	fixed installation: 5 x O.D. free movement: 10 x O.D. continuous flexing: 12 x O.D.		
Temperature range:	UL-AWM up to +105°C static: -40°C	(UL) / c(UL) / CSA-AWM: up to +90°C	
Cold bend test:	-40°C		
Burning characteristics:	(UL) / c(UL) FT1, FT2, FT4		
Oil resistance:	yes		
Sunlight resistance:	yes		
Exposed runs:	yes		
Direct burial:	yes		
Machinery area:	yes		
Approvals:	UL TC-ER, UL WTTC, UR AWM, c(UL) CIC-TC, CSA AWM, CE, RoHS		
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30		

E
22

Outstanding features:



- WTTC: UL subject 2277
- TC: UL standard 1277
- c(UL)/c(UL) listed
- Class 1 Div 2 per NEC Article 501.4 (B)

item no.	dimensions	nominal outer-ø		cable weight ≈lbs/mft
		inch	mm	
▶ 32431614	16 AWG/4c + 18 AWG/1pr	0.523	13.3	172
▶ 32431414	14 AWG/4c + 18 AWG/1pr	0.580	14.7	217
▶ 32431404	14 AWG/4c + 14 AWG/1pr	0.624	15.8	265
▶ 32431214	12 AWG/4c + 18 AWG/1pr	0.633	16.1	274
▶ 32431204	12 AWG/4c + 14 AWG/1pr	0.671	17.0	310
▶ 32431004	10 AWG/4c + 14 AWG/1pr	0.724	18.4	375
▶ 32430804	8 AWG/4c + 14 AWG/1pr	0.917	23.3	586

Other dimensions and colors are possible on request.



Possible on request:
● with blue conductors