

part number

27564

cable family

TRAY CABLES-ST ER - CIC/TC

FORMATION: (12GAWG16)ST

(12G1,5)ST

INSTALLATION TYPE: CABLE FOR STATIC INSTALLATION

CATEGORY: MULTI CORE

STANDARD/APPROVAL: CE/UL/CSA

SHIELDING: SHIELDED



GROUP // 12GAWG16

CONDUCTOR

MATERIAL	Bare copper
CAPILLARY DIAMETER	- Flexible (DIN VDE 0295, IEC 60228 or CEI 20-29)
CONDUCTORS NUMBER	12
RATED SECTION	AWG16 AWG

INSULATION

MATERIAL	PVC
COLOUR	Black conductors with numbers from 1 to 11 + Green/Yellow.

TOTAL ASSEMBLY MAKE-UP

INTERMEDIATE TAPING

ON MAKE-UP	Around the total assembly.
MATERIAL	Polyester tape



TOTAL SHIELD

ON MAKE-UP	On the tape.
MATERIAL	Tinned copper
SHIELD SHAPE	Braid shield
COVERAGE	>=85 %
DRAIN WIRE	Not available

TOTAL SHEATH

MATERIAL	PVC
COLOUR	Gray RAL 7001
DIAMETER (MM)	17.2±0.45

MARKING

METRIC MARKING	P/N 27564 TE.CO. - (UL) E471679 Fxx - TC-ER OIL RESISTANT I DIR BUR 12×16AWG 600V 90°C DRY/75°C WET FT4/IEEE 1202 or MTW or AWM STYLE 21179 90°C 1000V - c(UL) CONTROL CABLE CIC/TC-ER PVC SHIELDED FT4 or AWM I/II A/B 90°C 1000V FT1 16AWG TRAY-ST 12G1,5 H2 SHIELDED CE ROHS month/year meter indication
----------------	--

ELECTRICAL FEATURES

WORKING VOLTAGE	1000 V
TEST VOLTAGE	4000 V

DYNAMIC FEATURES

MINIMUM BENDING RADIUS STATIC INSTALLATION	6 times \varnothing cable
WORKING TEMPERATURE STATIC INSTALLATION	-40°C / +90°C
INSTALLATION TEMPERATURE TEXT	-5°C / +80°C
NOTES	For fixed installation without any mechanical stress.

APPROVALS AND STANDARDS

REFERENCE STANDARDS	1063, 1277, 1581, 66, UL 758, 83(UL); NFPA 79; NEC 336.10⑦; C22.2 n° 210, C22.2 n° 239(CSA)
UL CSA APPROVALS	RU E244280 AWM STYLE 21179 90°C 1000V UL E471678 Type MTW 90°C 600V UL E471679 Type TC-ER 90°C 600V CSA E244280 AWM I/II A/B 90°C 1000V CSA E471679 CIC/TC -ER 90° 600V
FIRE BEHAVIOUR	1685(UL); UL/CSA VERTICA.FIRE PROP. SMOKE RELEASE TEST FT4/IEEE
INDUSTRIAL OIL RESISTANCE	OIL RES I (UL 1277), WET APPROVAL 75°C(UL); WATER RESISTANT
HALOGEN FREE	NO
UNDERGROUND DIRECT BURIAL	DIR BUR (Direct Burial) acc.to NFPA 70

CUSTOMS CODE

CUSTOMS-TARIFF NUMBER	85444999
MADE IN	IT

REVISION

DATE	25112015
NUMBER	003