

# TRAY CABLES TYPE TC-ER - MTW 90° 600V - SHIELDED

## Contact

Market and Product Information  
automation.business@nexans.com

Control cables for fixed installation outside and inside cable tray and wind turbines, PVC jacket, shielded, oil resistant, flame retardant, TC-ER and MTW approved, UL Listed. suitable for American and Canadian market

## DESCRIPTION

Cables designed for static application, .

### Applications:

- Machine tools
- Wood machines
- Marble working machines
- Robotics
- Industrial sector

### Approvals:

UL MTW

UL TC-ER 90°C 600V

UL WTTC 90°C 1000V

UL DP-1

UL AWM 600V

C(UL) CIC/TC



## STANDARDS

### International

UL and CSA approval



Operating temp.  
-5 ... 90 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Yes

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 9/11/23 [www.nexans.it](http://www.nexans.it) Page 1 / 4

# TRAY CABLES TYPE TC-ER - MTW 90° 600V - SHIELDED

Contact  
Market and Product Information  
automation.business@nexans.com

## CHARACTERISTICS

### Construction characteristics

Conductor material	Annealed copper
Insulation	PVC
Insulation colour	Black numbered Yellow/Green
Drain wire	Tinned copper
Shielding	≥85% tinned copper braid coverage
Outer sheath	Special PVC compound
Sheath colour	Black

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U	600 V
Test voltage	2000 V

### Usage characteristics

Field of application	Fixed installations
Operating temperature, range	-5 ... 90 °C
Minimum bending radius, static (XD)	20
Flame retardant	UL 1581 SEC. 1160 AND CSA FT4
Oil resistance	Yes

## PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Construction type	Conductor cross-section [mm <sup>2</sup> ]	Number of cores
☎ 10553859	C1100036409	TRAY CABLE C 3 x 1.00 mmq	(3G1)C	1	3
☎ 10553862	C1100046409	TRAY CABLE C 4 x 1.00 mmq	(4G1)C	1	4
☎ 10553865	C1100056409	TRAY CABLE C 5 x 1.00 mmq	(5G1)C	1	5
☎ 10553680	C1100076409	TRAY CABLE C 7 x 1.00 mmq	(7G1)C	1	7
☎ 10553698	C1150036409	TRAY CABLE C 3 x 1.50 mmq	(3G1,5)C	1.5	3
☎ 10553702	C1150046409	TRAY CABLE C 4 x 1.50 mmq	(4G1,5)C	1.5	4
☎ 10553707	C1150056409	TRAY CABLE C 5 x 1.50 mmq	(5G1,5)C	1.5	5
☎ 10553663	C1150076409	TRAY CABLE C 7 x 1.50 mmq	(7G1,5)C	1.5	7
☎ 10553659	C1150126409	TRAY CABLE C 12 x 1.50 mmq	(12G1,5)C	1.5	12
☎ 10553657	C1150186409	TRAY CABLE C 18 x 1.50 mmq	(18G1,5)C	1.5	18
☎ 10553650	C1150256409	TRAY CABLE C 25 x 1.50 mmq	(25G1,5)C	1.5	25

☎ = Make to order, 📦 = In stock,

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 9/11/23 www.nexans.it Page 2 / 4



# TRAY CABLES TYPE TC-ER - MTW 90° 600V - SHIELDED

Contact  
Market and Product Information  
automation.business@nexans.com

Nexans Ref.	Country Ref.	Name	Construction type	Conductor cross-section [mm <sup>2</sup> ]	Number of cores
☎ 10553668	C1250046409	TRAY CABLE C 4 x 2.50 mmq	(4G2,5)C	2.5	4
☎ 10553752	C1400046409	TRAY CABLE C 4 x 4.00 mmq	(4G4)C	4	4
☎ 10553760	C1600046409	TRAY CABLE C 4 x 6.00 mmq	(4G6)C	6	4
☎ 10553739	C1B10046409	TRAY CABLE C 4 x 10 mmq	(4G10)C	10	4
☎ 10554056	C1B16046409	TRAY CABLE C 4 x 16 mmq	(4G16)C	16	4
☎ 10554063	C1B50046409	TRAY CABLE C 4 x 50 mmq	(4G50)C	50	4
📦 10553691	C1150026409	TRAY CABLE C 2 x 1,50 mmq	(2x1,5)C	1.5	2
☎ 10553664	C1250036409	TRAY CABLE C 3 x 2.50 mmq	(3G2,5)C	2.5	3
☎ 10553674	C1250056409	TRAY CABLE C 5 x 2.50 mmq	(5G2,5)C	2.5	5
☎ 10553678	C1250076409	TRAY CABLE C 7 x 2.50 mmq	(7G2,5)C	2.5	7
☎ 10556366	C1250126409	TRAY CABLE C 12 x 2.50 mmq	(12G2,5)C	2.5	12
☎ C1250186409	C1250186409	TRAY CABLE C 18 x 2.50 mmq	(18G2,5)C	2.5	18
☎ C1250256409	C1250256409	TRAY CABLE C 25 x 2.50 mmq	(25G2,5)C	2.5	25
☎ C1400036409	C1400036409	TRAY CABLE C 3 x 4.00 mmq	(3G4)C	4	3
☎ C1400056409	C1400056409	TRAY CABLE C 5 x 4.00 mmq	(5G4)C	4	5
☎ C1400076409	C1400076409	TRAY CABLE C 7 x 4.00 mmq	(7G4)C	4	7
☎ C1600036409	C1600036409	TRAY CABLE C 3 x 6.00 mmq	(3G6)C	6	3
☎ C1600056409	C1600056409	TRAY CABLE C 5 x 6.00 mmq	(5G6)C	6	5
☎ C1600076409	C1600076409	TRAY CABLE C 7 x 6.00 mmq	(7G6)C	6	7
☎ C1B10036409	C1B10036409	TRAY CABLE C 3 x 10 mmq	(3G10)C	10	3
☎ C1B10056409	C1B10056409	TRAY CABLE C 5 x 10 mmq	(5G10)C	10	5
☎ C1B10076409	C1B10076409	TRAY CABLE C 7 x 10 mmq	(7G10)C	10	7
☎ C1B16036409	C1B16036409	TRAY CABLE C 3 x 16 mmq	(3G16)C	16	3

☎ = Make to order, 📦 = In stock,

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 9/11/23 www.nexans.it Page 3 / 4



# TRAY CABLES TYPE TC-ER - MTW 90° 600V - SHIELDED

Contact  
Market and Product Information  
automation.business@nexans.com

Nexans Ref.	Country Ref.	Name	Construction type	Conductor cross-section [mm <sup>2</sup> ]	Number of cores
☎ C1B16056409	C1B16056409	TRAY CABLE C 5 x 16 mmq	(5G16)C	16	5
☎ C1B16076409	C1B16076409	TRAY CABLE C 7 x 16 mmq	(7G16)C	16	7
☎ 10554061	C1B25046409	TRAY CABLE C 4 x 25 mmq	(4G25)C	25	4
☎ C1B25056409	C1B25056409	TRAY CABLE C 5 x 25 mmq	(5G25)C	25	5
☎ 10554062	C1B35046409	TRAY CABLE C 4 x 35 mmq	(4G35)C	35	4
☎ C1B35056409	C1B35056409	TRAY CABLE C 5 x 35 mmq	(5G35)C	35	5
☎ 10554064	C1B70046409	TRAY CABLE C 4 x 70 mmq	(4G70)C	70	4

☎ = Make to order, 📦 = In stock,