

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

## Contact

Market and Product Information  
automation.business@nexans.com

Control cables for fixed installation outside and inside cable tray and wind turbines, PVC jacket, unshielded, oil resistant, flame retardant, TC-ER and MTW approved, UL Listed

## 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

##document:MOTIONLINE® TRAY CABLES BROCHURE##



## STANDARDS

### International

UL and CSA approval



Operating temp.  
-5 ... 90 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Yes

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## CHARACTERISTICS

### Construction characteristics

Conductor material	Annealed copper
Insulation	PVC
Insulation colour	Black numbered Yellow/Green
Outer sheath	Special PVC compound
Sheath colour	Black

### Electrical characteristics

Rated Voltage Uo/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)	15
Flame retardant	UL 1581 SEC. 1160 AND CSA FT4
Oil resistance	Yes

## PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Construction type	Conductor cross-section [mm²]	Number of cores
☎ 10554399	B1400076409	TRAY CABLE 7 x 4.00 mmq	7G4	4	7
☎ 10554409	B1600076409	TRAY CABLE 7 x 6.00 mmq	7G6	6	7
☎ B1B10056409	B1B10056409	TRAY CABLE 5 x 10.00 mmq	5G10	10	5
☎ B1B10076409	B1B10076409	TRAY CABLE 7 x 10.00 mmq	7G10	10	7
☎ B1B25056409	B1B25056409	TRAY CABLE 5 x 25.00 mmq	5G25	25	5
☎ B1B35056409	B1B35056409	TRAY CABLE 5 x 35.00 mmq	5G35	35	5
☎ 10554471	B1B50046409	TRAY CABLE 4 x 50.00 mmq	4G50	50	4
☎ 10554472	B1B70046409	TRAY CABLE 4 x 40.00 mmq	4G40	40	4
☎ 10554630	B1100026409	TRAY CABLE 2 x 1.00 mmq	2x1	1	2
☎ 10554633	B1100036409	TRAY CABLE 3 x 1.00 mmq	3G1	1	3
☎ 10554638	B1100046409	TRAY CABLE 4 x 1.00 mmq	4G1	1	4
☎ 10554640	B1100056409	TRAY CABLE 5 x 1.00 mmq	5G1	1	5

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Nexans Ref.	Country Ref.	Name	Construction type	Conductor cross-section [mm²]	Number of cores
☎ 10554642	B1100076409	TRAY CABLE 7 x 1.00 mmq	7G1	1	7
☎ 10554646	B1100126409	TRAY CABLE 12 x 1.00 mmq	12G1	1	12
☎ B1100146409	B1100146409	TRAY CABLE 14 x 1.00 mmq	14G1	1	14
☎ 10554587	B1100186409	TRAY CABLE 18 x 1.00 mmq	18G1	1	18
☎ 10554590	B1100256409	TRAY CABLE 25 x 1.00 mmq	25G1	1	25
☎ 10554593	B1150026409	TRAY CABLE 2 x 1.50 mmq	2x1,5	1.5	2
☎ 10554598	B1150036409	TRAY CABLE 3 x 1.50 mmq	3G1,5	1.5	3
☎ 10554603	B1150046409	TRAY CABLE 4 x 1.50 mmq	4G1,5	1.5	4
☎ 10554606	B1150056409	TRAY CABLE 5 x 1.50 mmq	5G1,5	1.5	5
☎ 10554609	B1150076409	TRAY CABLE 7 x 1.50 mmq	7G1,5	1.5	7
☎ 10554612	B1150126409	TRAY CABLE 12 x 1.50 mmq	12G1,5	1.5	12
☎ 10554615	B1150186409	TRAY CABLE 18 x 1.50 mmq	18G1,5	1.5	18
☎ 10554429	B1150256409	TRAY CABLE 25 x 1.50 mmq	25G1,5	1.5	25
☎ 10554433	B1250036409	TRAY CABLE 3 x 2.50 mmq	3G2,5	2.5	3
☎ 10554436	B1250046409	TRAY CABLE 4 x 2.50 mmq	4G2,5	2.5	4
☎ 10554440	B1250056409	TRAY CABLE 5 x 2.50 mmq	5G2,5	2.5	5
☎ 10554444	B1250076409	TRAY CABLE 7 x 2.50 mmq	7G2,5	2.5	7
☎ 10554447	B1250126409	TRAY CABLE 12 x 2.50 mmq	12G2,5	2.5	12
☎ 10554451	B1250256409	TRAY CABLE 25 x 2.50 mmq	25G2,5	2.5	25
☎ 10554456	B1400046409	TRAY CABLE 4 x 4.00 mmq	4G4	4	4
☎ 10554459	B1400056409	TRAY CABLE 5 x 4.00 mmq	5G4	4	5
☎ 10554403	B1600036409	TRAY CABLE 3 x 6.00 mmq	3G6	6	3
☎ 10554405	B1600046409	TRAY CABLE 4 x 6.00 mmq	4G6	6	4

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Nexans Ref.	Country Ref.	Name	Construction type	Conductor cross-section [mm²]	Number of cores
☎ 10554407	B1600056409	TRAY CABLE 5 x 6.00 mmq	5G6	6	5
☎ B1B10036409	B1B10036409	TRAY CABLE 3 x 10.00 mmq	3G10	10	3
☎ 10554520	B1B10046409	TRAY CABLE 4 x 10.00 mmq	4G10	10	4
☎ 10554462	B1B16036409	TRAY CABLE 3 x 16.00 mmq	3G16	16	3
☎ 10554464	B1B16046409	TRAY CABLE 4 x 16.00 mmq	4G16	16	4
☎ B1B16056409	B1B16056409	TRAY CABLE 5 x 16.00 mmq	5G16	16	5
☎ 10554468	B1B25046409	TRAY CABLE 4 x 25.00 mmq	4G25	25	4
☎ 10554470	B1B35046409	TRAY CABLE 4 x 35.00 mmq	4G35	35	4
☎ 10554645	B1100096409	TRAY CABLE 9 x 1.00 mmq	9G1	1	9
☎ B1100166409	B1100166409	TRAY CABLE 16 x 1.00 mmq	16G1	1	16
☎ 10554589	B1100196409	TRAY CABLE 19 x 1.00 mmq	19G1	1	19
☎ B1100276409	B1100276409	TRAY CABLE 27 x 1.00 mmq	27G1	1	27
☎ B1100346409	B1100346409	TRAY CABLE 34 x 1.00 mmq	34G1	1	34
☎ B1100376409	B1100376409	TRAY CABLE 37 x 1.00 mmq	37G1	1	37
☎ B1100416409	B1100416409	TRAY CABLE 41 x 1.00 mmq	41G1	1	41
☎ B1100506409	B1100506409	TRAY CABLE 50 x 1.00 mmq	50G1	1	50
☎ B1100616409	B1100616409	TRAY CABLE 61x 1.00 mmq	61G1	1	61
☎ B1150086409	B1150086409	TRAY CABLE 8 x 1.50 mmq	8G1,5	1.5	8
☎ B1150096409	B1150096409	TRAY CABLE 9 x 1.50 mmq	9G1,5	1.5	9
☎ B1150166409	B1150166409	TRAY CABLE 16 x 1.50 mmq	16G1,5	1.5	16
☎ B1150196409	B1150196409	TRAY CABLE 19 x 1.50 mmq	19G1,5	1.5	19
☎ B1150276409	B1150276409	TRAY CABLE 27 x 1.50 mmq	27G1,5	1.5	27
☎ B1150306409	B1150306409	TRAY CABLE 30 x 1.50 mmq	30G1,5	1.5	30

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☎ B1150346409	B1150346409	TRAY CABLE 34 x 1.50 mmq	34G1,5	1.5	34
☎ B1150376409	B1150376409	TRAY CABLE 37 x 1.50 mmq	37G1,5	1.5	37
☎ B1150416409	B1150416409	TRAY CABLE 41 x 1.50 mmq	41G1,5	1.5	41
☎ B1150506409	B1150506409	TRAY CABLE 50 x 1.50 mmq	50G1,5	1.5	50
☎ B1150616409	B1150616409	TRAY CABLE 61 x 1.50 mmq	61G1,5	1.5	61
☎ B1250096409	B1250096409	TRAY CABLE 9 x 2.50 mmq	9G2,5	2.5	9
☎ 10554449	B1250186409	TRAY CABLE 18 x 2.50 mmq	18G2,5	2.5	18
☎ B1250306409	B1250306409	TRAY CABLE 30 x 2.50 mmq	30G2,5	2.5	30
☎ B1250376409	B1250376409	TRAY CABLE 37 x 2.50 mmq	37G2,5	2.5	37
☎ 10554453	B1400036409	TRAY CABLE 3 x 4.00 mmq	3G4	4	3
☎ B1400066409	B1400066409	TRAY CABLE 6 x 4.00 mmq	6G4	4	6

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