

# WMTW (23X4)R YE - Cable marker



0831005

<https://www.phoenixcontact.com/us/products/0831005>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Cable marker, Roll, yellow (RAL 1018), unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, cable diameter range: 1.5 ... 35 mm, mounting type: insert, Number of individual labels: 3000, text field height: 4 mm, text field width: 23 mm

## Your advantages

- Insertable conductor marking with threading and insertion aid for marking collars
- The insert labels are used to mark marking collars from the PATG/PATO ... system
- Easy mounting thanks to a threading and insertion aid, which can be easily separated by means of a perforation after inserting the marker
- Thanks to their special shape, the insert labels remain securely inside the marking collar

## Commercial data

Item number	0831005
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BG2211
GTIN	4046356770620
Weight per piece (including packing)	490.6 g
Weight per piece (excluding packing)	490 g
Country of origin	DK

## Technical data

### Product properties

Product type	Conductor marker
--------------	------------------

### Marking

Number of individual labels	3000
Number of individual labels per row	1

### Dimensions

Width	23 mm
Length	4 mm

### Text field

Text field width	23 mm
Text field height	4 mm

### Material specifications

RoHS compliant	yes
Foil strength	250 µm
Color	yellow (RAL 1018)
Material	Polyolefine

### Cable/line

External cable diameter	1.5 mm ... 35 mm
-------------------------	------------------

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 90 °C
Recommended ambient temperature (storage/transport)	20 °C
Recommended humidity (storage/transport)	45 % ... 50 % (Storage in a dry and dark place in the original packaging is recommended)

#### Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VDMA 24364:2018-05
Result	Test passed

#### Scratch resistance

Specification	DIN EN ISO 1518-1:2011 (following)
Requirements	≥ 5 N
Result	Test passed

#### Tesafilm test

Specification	DIN EN ISO 2409:2013 (following)
Result	Test passed

# WMTW (23X4)R YE - Cable marker



0831005

<https://www.phoenixcontact.com/us/products/0831005>

## UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h
Procedure	Artificial irradiation.

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 80 °C (105 °C)	Test passed

## Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07 DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropanol (99%) [67-63-0]	Test passed
n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Saltwater (saturated 350 g/l) [CAS No. - ]	Test passed
IRM 901	Test passed
IRM 902	Test passed
IRM 903	Test passed

## Testing in a condensation changing climate in the presence of sulfur dioxide

Specification	DIN 50018:2013-05
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

## Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed
Test duration	96 h

## Standards and regulations

Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
-----------------	-----------------------------

## Mounting

Mounting type	insert
---------------	--------

# WMTW (23X4)R YE - Cable marker



0831005

<https://www.phoenixcontact.com/us/products/0831005>

## Classifications

### ECLASS

ECLASS-13.0

27281106

### ETIM

ETIM 9.0

EC001530

### UNSPSC

UNSPSC 21.0

39131700

# WMTW (23X4)R YE - Cable marker



0831005

<https://www.phoenixcontact.com/us/products/0831005>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)