

# SD-WMS 10 (CH)R YE:X - Wire marking tag



0826255:X

<https://www.phoenixcontact.com/us/products/0826255:X>

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.



Wire marking tag, labeled with the capital letter: X, lettering field size: 6.6 x 4.3 mm, yellow, mounting type: thread on

## Commercial data

Item number	0826255:X
Packing unit	250 pc
Minimum order quantity	250 pc
Product key	BG2221
GTIN	4046356425643
Weight per piece (including packing)	0.23 g
Weight per piece (excluding packing)	0.156 g
Country of origin	SE

# SD-WMS 10 (CH)R YE:X - Wire marking tag



0826255:X

<https://www.phoenixcontact.com/us/products/0826255:X>

## Technical data

### Product properties

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

### Marking

Printing	X
Slot type	Profile

### Dimensions

Width	4.2 mm
Height	9.5 mm
Length	6.60 mm

### External dimensions

Outside diameter	4 mm ... 10 mm
------------------	----------------

### Material specifications

Color	yellow (RAL 1018)
Material	Polyvinyl chloride
Flammability rating according to UL 94	V0
Base element material	PVC
Components	Free from silicone and cadmium

### Cable/line

External cable diameter	4 mm ... 10 mm
-------------------------	----------------

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-30 °C ... 60 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	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-A1-L:2018-05
Result	Test passed

#### Scratch resistance

Specification	EN ISO 1518-1:2023 (following)
Requirements	≥ 5 N
Result	Test passed

#### Tesafilm test

Specification	DIN EN ISO 2409:2020-12 (following)
---------------	-------------------------------------

# SD-WMS 10 (CH)R YE:X - Wire marking tag



0826255:X

<https://www.phoenixcontact.com/us/products/0826255:X>

Result	Test passed
--------	-------------

## UV resistance

Specification	DIN EN ISO 4892-2:2021-11 (following)
Result	Test passed
Test duration	96 h
Procedure	Artificial irradiation.

## Temperature storage

Specification	IEC 60068-2-2:2007-07
Result	Test passed
Procedure	Test Bb
Duration	96 h
Temperature for testing	105 °C

## 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 0411-01):2020-03 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
Ethanol (99 %) [CAS No. 64-17-5]	Test passed

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Saltwater (saturated 350 g/l) [CAS No. - ]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Gasoline [CAS No. 64742-49-0]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	Test passed
IRM 903	Test passed

# SD-WMS 10 (CH)R YE:X - Wire marking tag



0826255:X

<https://www.phoenixcontact.com/us/products/0826255:X>

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

Specification	DIN EN ISO 22479:2022-08
Result	Test passed
Procedure	Method B
Cycles	2

## Salt spray test

Specification	DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10
Result	Test passed
Test duration	96 h

## Standards and regulations

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

## Mounting

Mounting type	thread on
---------------	-----------

# SD-WMS 10 (CH)R YE:X - Wire marking tag



0826255:X

<https://www.phoenixcontact.com/us/products/0826255:X>

## Classifications

### ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

### ETIM

ETIM 10.0	EC001530
-----------	----------

# SD-WMS 10 (CH)R YE:X - Wire marking tag



0826255:X

<https://www.phoenixcontact.com/us/products/0826255:X>

## 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)