

# EO-N/UT/GN - Socket

0804140

<https://www.phoenixcontact.com/us/products/0804140>

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Socket, Pin connector pattern type N, Screw connection, for Brazil/South Africa and other countries, green, for mounting on a DIN rail in the service interface or direct mounting, 250 V AC, 20 A, -20 °C, 60 °C

## Commercial data

Item number	0804140
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	NULL
Product key	BE7614
Catalog page	Page 566 (C-3-2019)
GTIN	4055626226712
Weight per piece (including packing)	74.18 g
Weight per piece (excluding packing)	73.3 g
Customs tariff number	85366990
Country of origin	PL

## Technical data

### Product properties

Product type	Socket
Country ID	Brazil

### Electrical properties

Nominal voltage $U_N$	250 V AC (50 Hz ... 60 Hz)
Nominal current $I_N$	20 A

### Connection data

Connection method	Screw connection
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12

### Signaling

Status display	No
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### Dimensions

Width	45 mm
Height	75 mm
Depth	75 mm

### Material specifications

Color	green
Flammability rating according to UL 94	V0
Insulating material	PA
Contact material	CuZn37
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

### Connector

Type of plug	Pin connector pattern type N
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C (max. short-term operating temperature RTI Elec. )
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %

## Mounting

Mounting type	for mounting on a DIN rail in the service interface or direct mounting
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## Classifications

### ECLASS

ECLASS-11.0	27142305
ECLASS-12.0	27142305
ECLASS-13.0	27142305

### ETIM

ETIM 9.0	EC001663
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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