

# ST 2,5-TWIN/1P-F - Screw flange

3209840

<https://www.phoenixcontact.com/us/products/3209840>

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Screw flange, for screwing COMBI plugs, with the same structure and pitch as the relevant COMBI terminal blocks



## Your advantages

- Same shape and pitch as the basic terminal blocks

## Commercial data

Item number	3209840
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE02
Product key	BE214Z
GTIN	4046356365147
Weight per piece (including packing)	5.331 g
Weight per piece (excluding packing)	5.33 g
Customs tariff number	39269097
Country of origin	PL

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## Technical data

### Product properties

Product type	Flange
Number of rows	1

### Connection data

Connection method	Screw connection
Screw thread	M2,5
Tightening torque	0.4 ... 0.5 Nm
Conductor cross-section flexible ultrasound-compressed	0.34 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section, flexible [AWG] ultrasound-compressed	22 ... 12 (converted acc. to IEC)

### Dimensions

Width	5.2 mm
End cover width	2.2 mm
Height	60.5 mm
Depth	35.3 mm
Depth on NS 35/7,5	36.5 mm
Depth on NS 35/15	44 mm

### Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material	PA
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

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Permissible humidity (storage/transport)	30 % ... 70 %
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## Mounting

Mounting type	NS 35/7,5
	NS 35/15

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## Classifications

### ECLASS

ECLASS-13.0	27250302
ECLASS-15.0	27250302

### ETIM

ETIM 10.0	EC001041
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.028 kg CO2e
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