

**INDUSTRIAL COMPONENT DATA**

# CSS 1.5-3/3-EMC 1201696 PHOENIX CONTACT Speed starter with soft start and adjustable speed for starting and ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CSS 1.5-3/3-EMC



|                 |                  |
|-----------------|------------------|
| Manufacturer    | PHOENIX CONTACT  |
| MPN / Reference | CSS 1.5-3/3-EMC  |
| Catalog number  | 1201696          |
| Category        | Speed controller |
| Minimum order   | 1 Pcs            |
| Document ID     | EO-4261270B61    |
| Generated       | 2026-08-02       |

## Product Overview

Speed starter with soft start and adjustable speed for starting and reversing motors up to 480 V AC and 1.5 kW, adjustable motor protection, analogue input, STO function up to SIL 3 / PL e, three-phase load input, with integrated anti-parasitic filter

Speed starter with soft start and adjustable speed for starting and reversing motors up to 480 V AC and 1.5 kW, adjustable motor protection, STO function up to SIL 3 / PL e, Push-in connection, three-phase load input, with integrated EMC filter

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path **PHOENIX CONTACT > INTERFACE Components (IF)**

## Additional Product Information

Technical dataProduct propertiesProduct type Speed starter

Product family CONTACTRON

Operating elements Push button

Rotary switch

Insulation characteristics

Pollution degree 2

Electrical propertiesNumber of phases 3

Input dataMains

Number of phases 3

Input voltage 380 V AC

400 V AC

480 V AC

Input voltage range 220 V AC ... 480 V AC -15 % ... +10 %  
Frequency range 47 Hz ... 63 Hz  
Nominal current 4.2 A (no line reactor)  
3.8 A (with line reactor)  
Output dataNominal motor power 1.5 kW  
Apparent power 2.7 kVA  
Nominal output current (IN) 3.9 A (4 kHz)  
2.8 A (8 kHz)  
1.6 A (16 kHz)  
Output frequency 0 Hz ... 500 Hz  
Power dissipation 51 W (2 kHz)  
59 W (4 kHz)  
56 W (8 kHz)  
54 W (16 kHz)  
9 W (stand by)  
Output current  $\leq 5.85$  A (180 s)  
 $\leq 2.925$  A (180 s, during recovery time)  
 $\leq 7.02$  A (15 s)  
 $\leq 1.95$  A (15 s, during recovery time)  
Recovery time 150 s (180 s)  
12 s (15 s)  
Overload time 30 s (180 s)  
3 s (15 s)  
Discharge time 3 min. (Intermediate circuit capacitors)  
Switching  
Output name Relay output  
Contact switching type 1 changeover contact  
Maximum switching voltage 125 V AC  
30 V DC  
Maximum inrush current 3 A  
Inrush current, minimum 10 mA (5 V DC)  
Connection dataCross section AWG (converted acc. to IEC)  
Power-level terminals  
Connection method Push-in connection  
Stripping length 10 mm  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup> (with ferrule)  
Conductor cross section AWG 24 ... 10  
Control terminals  
Connection method Push-in...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CSS 1.5-3/3-EMC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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