INDUSTRIAL COMPONENT DATA

CSS 1.5-1/3-EMC 1201642 PHOENIX CONTACT Speed starter with soft start and adjustable speed for starting and ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CSS 1.5-1/3-EMC



Manufacturer	PHOENIX CONTACT
MPN / Reference	CSS 1.5-1/3-EMC
Catalog number	1201642
Category	Speed controller
Minimum order	1 Pcs
Document ID	EO-DCD0F13F27
Generated	2026-11-19

Product Overview

Speed starter with soft start and adjustable speed for starting and reversing motors up to 230 V AC and 1.5 kW, adjustable motor protection, analog input, STO function up to SIL 3 / PL e, single-phase load input, with integrated antiparasitic 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, single-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 dataItem PropertiesProduct Type Speed Starters
Product Family CONTACTRON
Operation Elements Button
Rotary switch
Insulation Properties
Degree of pollution 2
Electrical PropertiesNumber of phases 1
Input dataNet
Number of phases 1
Input voltage 230 V AC
240 V AC
Input Voltage Range 110 V AC ... 240 V AC -15% ... +10%

Frequency Range 47 Hz ... 63 Hz
Nominal current 15.8 A (without mains inductance)
14.5 A (with mains inductance)
Output DataNominal motor power 1.5 kW
Apparent power 3 kVA
Rated Output Current (IN) 7.5 A (4 kHz)
6.2 A (8 kHz)
4.1 A (16 kHz)
Output Frequency 0 Hz ... 500 Hz
Dissipated Power 69 W (2 kHz)
75 W (4 kHz)
71 W (8 kHz)
67 W (16 kHz)
9 W (Stand-By)
Output current <= 11.25 A (180 sec)
<= 5.625 A (180 s, during recovery time)
<= 13.5 A (15 s)
<= 3.75 A (15 s, during recovery time)
Recovery Time 150 s (180 sec)
12 s (15 s)
Overload Time 30 sec (180 sec)
3 s (15 s)
Discharge Time 3 min. (Intermediate Circuit Capacitors)
Commute
Denomination Output Relay Output
Contact Switching Type 1 switch
Maximum Switching Voltage 125 V AC
30 V DC
Maximum connection current 3 A
Minimum Shut-Off Current 10 mA (5 V DC)
Connection dataAWG Conductor Section (Converted according to IEC)
Power terminals
Connection type Push-in connection
Length to be de-insulated 10 mm
Rigid conductor section 0.2 mm² ... 6 mm²
Flexible conductor section 0.2 mm² ... 6 mm²
0.2 mm² ... 4 mm² (with toe cap)
AWG Conductor Section 24 ... 10
Control Modules
Connection type Push-in connection
Leng...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CSS 1.5-1/3-EMC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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