INDUSTRIAL COMPONENT DATA

CSS 1.5-3/3 1201650 PHOENIX CONTACT Speed starter with soft start and adjustable speed for starting and reve..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	CSS 1.5-3/3
Catalog number	1201650
Category	Speed controller
Minimum order	1 Pcs
Document ID	EO-8FE5C57291
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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, analog input, STO function up to SIL 3 / PL e, three-phase load input
Speed starter with soft start and configurable speed for starting and reversing motors up to 480 V AC and 1.5 kW, configurable motor protection, STO function up to SIL 3 / PL e, Push-in connection, three-phase load input

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 50 W (2 kHz)
58 W (4 kHz)
55 W (8 kHz)
53 W (16 kHz)
9 W (stand by)
Output current <= 5.85 A (180 s)
<= 2.925 A (180 s, during recovery time)
<= 7.02 A (15 s)
<= 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 mm² ... 6 mm²
Conductor cross section flexible 0.2 mm² ... 6 mm²
0.2 mm² ... 4 mm² (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 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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