

## INDUSTRIAL COMPONENT DATA

# DS6-340-90K-MX 103152 EATON ELECTRIC SOFT STARTER 90KW

Brand: EATON - MOELLER | Manufacturer Part Number: DS6-340-90K-MX



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | EATON - MOELLER |
| MPN / Reference | DS6-340-90K-MX  |
| Catalog number  | 103152          |
| Category        | Soft starter    |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-ABE3B23F18   |
| Generated       | 2026-08-04      |

## Product Overview

### SOFT STARTER 90KW

Soft starters, Description: With internal bypass contacts, Function: Soft starters for three-phase loads, Mains supply voltage (50/60 Hz): ULN= 230 - 480 V AC, Supply voltage: Us= 24 V DC, Control voltage: UC= 24 V DC, Assigned motor rating (Standard connection, In-Line) at 400 V, 50 Hz: P= 90 kW, at 460 V, 60 Hz: P= 125 HP, Rated operational current AC-53: Ie= 161 A, Startup class: CLASS 10 (star-delta replacement), CLASS 20 (heavy starting duty 3 x Ie for 45 s), Rated operational voltage: Ue= 230 V, 400 V, 480 V, Standards: IEC/EN 60947-4-2, UL 508, CSA22.2-14, GB14048

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

|              |                 |
|--------------|-----------------|
| Catalog path | EATON - MOELLER |
|--------------|-----------------|

## Additional Product Information

Delivery programme Description With internal bypass contacts

Function Soft starters for three-phase loads

Mains supply voltage (50/60 Hz) ULN V AC 230 - 480

Supply voltage Us 24 V DC

Control voltage UC 24 V DC

Assigned motor rating (Standard connection, In-Line)

at 400 V, 50 Hz P kW 90

at 460 V, 60 Hz P HP 125

Rated operational current

AC-53 Ie A 161

Startup class CLASS 10 (star-delta replacement)

CLASS 20 (heavy starting duty 3 x I<sub>e</sub> for 45 s)

Rated operational voltage U<sub>e</sub> 230 V

400 V

480 V

Technical data General

Standards IEC/EN 60947-4-2

UL 508

CSA22.2-14

GB14048

Approvals CE

Approvals UL

CSA

C-Tick

UkrSEPRO

CCC

Climatic proofing Damp heat, constant, to IEC 60068-2-3

Damp heat, cyclic, to IEC 60068-2-10

Ambient temperature

Operation ? °C 0 - +40

up to 60 at 1 % derating per Kelvin temperature rise

Storage ? °C -25 - +55

Altitude m 0 - 1000 m, above that 1 % derating per 100 m , up to 2000 m

Mounting position Vertical

Degree of protection

Degree of Protection IP20 (terminals IP00)

Integrated Protection type IP40 can be achieved on all sides with covers from the NZM range.

Protection against direct contact Finger and back-of-hand proof

Overvoltage category/pollution degree II/2

Shock resistance 8 g/11 ms

Vibration resistance to EN 60721-3-2 2M2

Radio interference level (IEC/EN 55011) A

Weight kg 3.7

Main conducting paths

Rated operating voltage U<sub>e</sub> V AC 230 - 480

Supply frequency f<sub>LN</sub> Hz 50/60

Rated operational current I<sub>e</sub> A

AC-53 I<sub>e</sub> A 161

Assigned motor rating (Standard connecti...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DS6-340-90K-MX 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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