

# Specifications

Photo is representative

## Eaton DS7-34DSX081N0-D

Eaton DS7 soft start controller, Frames 3 and 4, 81 A, 60 hp, 480 V, 24 Vdc, Internal bypass, SmartWire-DT, IP20, HKD3300 circuit breaker, 300 A class RK5 max fuse, Generation 7 series

### General specifications

|                             |                                                                                                                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton DS7 soft start controller                                                                                                                                                  |
| <b>CATALOG NUMBER</b>       | DS7-34DSX081N0-D                                                                                                                                                                 |
| <b>UPC</b>                  | 786685856483                                                                                                                                                                     |
| <b>PRODUCT LENGTH/DEPTH</b> | 7 in                                                                                                                                                                             |
| <b>PRODUCT HEIGHT</b>       | 4 in                                                                                                                                                                             |
| <b>PRODUCT WIDTH</b>        | 6.25 in                                                                                                                                                                          |
| <b>PRODUCT WEIGHT</b>       | 3 lb                                                                                                                                                                             |
| <b>WARRANTY</b>             | Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first. |
| <b>COMPLIANCES</b>          | CE Marked<br>C-Tick Compliant                                                                                                                                                    |
| <b>CERTIFICATIONS</b>       | EN 60947-4-2<br>CSA Certified<br>IEC 60947-4-2<br>UL Listed                                                                                                                      |
| <b>CATALOG NOTES</b>        | No internal radio interference suppression filters                                                                                                                               |
| <b>PRODUCT TYPE</b>         | Soft start controller                                                                                                                                                            |

## Product specifications

|                                  |                                  |
|----------------------------------|----------------------------------|
| <b>BYPASS</b>                    | Internal                         |
| <b>CONTROL VOLTAGE</b>           | 24 Vdc                           |
| <b>HORSEPOWER</b>                | 60 hp                            |
| <b>PHASE</b>                     | Three-phase mains supply voltage |
| <b>TYPE</b>                      | Soft start controller            |
| <b>VOLTAGE RATING</b>            | 480 V                            |
| <b>FUSE SIZE</b>                 | 300 A class RK5 max              |
| <b>CIRCUIT BREAKER TYPE</b>      | HKD3300                          |
| <b>FRAME SIZE</b>                | 4<br>3                           |
| <b>ENVIRONMENTAL RATING</b>      | IP20                             |
| <b>SERIES</b>                    | Generation 7                     |
| <b>RATED OPERATIONAL CURRENT</b> | 81 A                             |
| <b>WIRE TYPE</b>                 | SmartWire-DT                     |

## Resources

|                               |                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------|
| CATALOGS                      | <a href="#">Solid-State Motor Control, Reduced Voltage Motor Starters, Volume 6, Tab 1</a> |
| MULTIMEDIA                    | <a href="#">Soft Starter DS7 up to 32 A</a>                                                |
|                               | <a href="#">Soft Starter Product Family Overview</a>                                       |
|                               | <a href="#">Soft starter DS7 up to 200 A</a>                                               |
| SPECIFICATIONS AND DATASHEETS | <a href="#">Eaton Specification Sheet - DS7-34DSX081N0-D</a>                               |
| WARRANTY GUIDES               | <a href="#">Selling Policy 25-000 - Distribution and Control Products and Services</a>     |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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