

## INDUSTRIAL COMPONENT DATA

# HLR40/1(DC)600V/S 360042 Y7-360042 EATON ELECTRIC

## HLR40/1(DC)600V/S

Brand: EATON - MOELLER | Manufacturer Part Number: HLR40/1(DC)600V/S



|                 |                   |
|-----------------|-------------------|
| Manufacturer    | EATON - MOELLER   |
| MPN / Reference | HLR40/1(DC)600V/S |
| Catalog number  | Y7-360042         |
| Category        | Solid state relay |
| Minimum order   | 1 Pcs             |
| Document ID     | EO-F886444E4B     |
| Generated       | 2026-08-04        |

### Product Overview

HLR40/1(DC)600V/S

Eaton Moeller series HLR Solid-state relay, 1-phase, 43 A, 600 - 600 V, DC, high fuse protection

Solid-state relay, 1-phase, 43 A, 600 - 600 V, DC, high fuse protection, IP20, Screw connection, Switching at zero-crossing, CE, UL 508, EAC

## 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 &gt; Standard Soft Starters

### Additional Product Information

General specifications

Product Name Eaton Moeller series HLR solid state relay Catalog Number 360042 Model Code HLR40/1(DC)600V/S EAN 4015081998104 Product Length/Depth 141 mm Product Height 110 mm Product Width 35.6 mm Product Weight 0.42 kg

Compliances CE Marked

RoHS Compliant Certifications CE

UL 508

EAC

UL-File No.: E251034, UL report applies to both US and Canada Features &amp; Functions

Features Modular version Functions Switching at zero-crossing Electrical connection type for auxiliary- and control-current circuit Screw connection Electrical connection type of main circuit Screw connection General

Degree of protection IP20 Frequency rating 45 Hz - 65 Hz Mounting position Mount device in specified orientation and do not obstruct the heatsink Number of phases 1 Number of pilot lights 1 Overvoltage category III Pollution degree 2 Rated

impulse withstand voltage (Uimp) 6 kV (1.2/50 us) Series HLR Shock resistance 15/11 g/ms (according to EN 50155, EN 61373) Type Solid-state relay Vibration resistance 2 g/axis (2-100 Hz, IEC 60068-2-6, EN 50155, EN 61373) Voltage type DC Climatic environmental conditions  
Altitude 9 Ambient storage temperature - min -40 °C Ambient storage temperature - max 100 °C Climatic proofing 95% relative humidity non-condensing at 40°C Operating temperature - min -40 °C Operating temperature - max 80 °C Electro magnetic compatibility  
Air discharge 8 kV (according to IEC/EN 61000-4-2) Burst Impulse Main: 2 kV, 5 kHz PC 1 (according to IEC/EN 61000-4-4) Co...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / HLR40/1(DC)600V/S 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

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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