

# HR8IMA16C1

Surge protection device, Surgelogic, HR,  
160kA, 600Y/347 VAC, 3 phase, 4 wire, SPD  
type 1



## Main

|                   |                         |
|-------------------|-------------------------|
| Product           | Surge protection device |
| Range             | Surgelogic              |
| Device Short Name | IMA                     |
| Type              | HR                      |

## Complementary

|                      |                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Voltage Rating       | 600Y/347 V AC                                                                                                  |
| MCOV                 | 420 V                                                                                                          |
| SCCR                 | 200 kA                                                                                                         |
| Surge Current        | 160 kA                                                                                                         |
| Rated Current        | 60 A                                                                                                           |
| Breaking Capacity    | 100 kA                                                                                                         |
| Number of Phases     | 3 phase                                                                                                        |
| Max Number of Poles  | 3                                                                                                              |
| Wiring Configuration | 4-wire                                                                                                         |
| Connection           | I-Line line<br>Lugs ground AWG 6 copper 35.40 lbf.in (4 N.m)<br>Lugs neutral AWG 6 copper 35.40 lbf.in (4 N.m) |
| Trip Unit Technology | Electronic                                                                                                     |
| Local Signalling     | Status LED green per phase normal operation<br>Status LED red per phase fault                                  |
| Provided Equipment   | Alarm enable/disable switch<br>Surge counter<br>Circuit-breaker                                                |
| Cable length         | 19.02 in (483 mm)                                                                                              |
| Mounting Support     | Panel mounting                                                                                                 |
| Height               | 12.16 in (308.9 mm)                                                                                            |
| Width                | 13.46 in (341.9 mm)                                                                                            |
| Depth                | 5.59 in (142.1 mm)                                                                                             |

## Environment

|                  |                                                                                             |
|------------------|---------------------------------------------------------------------------------------------|
| Enclosure Rating | NEMA 1                                                                                      |
| Standards        | UL 1449:ed. 3<br>CSA C22.2 No 8:1986<br>UL 96A:ed. 12<br>UL 489:ed. 11<br>CSA C22.2 No 5-09 |

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US1DE1B08460 |
| Discount Schedule | DE1B         |
| GTIN              | 785901074229 |
| Returnability     | No           |
| Country of origin | MX           |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 9.00 in (22.86 cm)      |
| Package 1 Width              | 16.00 in (40.64 cm)     |
| Package 1 Length             | 17.50 in (44.45 cm)     |
| Package 1 Weight             | 20.00 lb(US) (9.072 kg) |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                                                               |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |