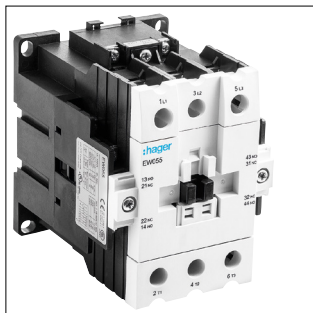




EW055\_C

### Industrial contactor 55A-AC3 / coil 220V 50-60Hz

#### Technical Features

##### Architecture

|              |    |
|--------------|----|
| Type of pole | 3P |
|--------------|----|

##### Voltage

|                                                       |             |
|-------------------------------------------------------|-------------|
| Rated operational voltage Ue                          | 690 - 690 V |
| Command voltage AC                                    | 220 - 220 V |
| Command voltage DC                                    | 0 - 0 V     |
| Rated operational voltage Ue AC for auxiliary contact | 660 V       |
| Rated insulation voltage Ui                           | 1000 V      |

##### Electric current

|                                                                                     |      |
|-------------------------------------------------------------------------------------|------|
| Rated operational current Ie under 3P 220 - 230 V AC3 according to IEC 60947 - 4    | 55 A |
| Acceptable current rating AC3                                                       | 55 A |
| Rated operational current Ie under 3P 380 - 400 V AC AC3 according to IEC 60947 - 4 | 55 A |
| Rated current Ie for auxiliary contact under 110 V AC AC15                          | 6 A  |
| Rated current Ie for auxiliary contact under 24 V AC AC15                           | 6 A  |

##### Dimensions

|       |           |
|-------|-----------|
| Depth | 108.70 mm |
|-------|-----------|

##### Frequency

|           |            |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

##### Power

|                                                                                    |        |
|------------------------------------------------------------------------------------|--------|
| Total power loss under IN                                                          | 6.80 W |
| Power dissipation per coil                                                         | 6.80 W |
| Operating consumption                                                              | 30 VA  |
| Inrush power absorbed                                                              | 280 VA |
| Rated operational power for 3P under 220 - 230 V AC AC3 according to IEC 60947 - 4 | 15 kW  |

##### Endurance

|                                        |         |
|----------------------------------------|---------|
| Number of mechanical operations        | 5000000 |
| Electric endurance in number of cycles | 500000  |

##### Connectivity

|                    |                |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

##### Equipment

|                                                         |   |
|---------------------------------------------------------|---|
| Number of auxiliary contacts as normally open contact   | 2 |
| Number of auxiliary contacts as normally closed contact | 2 |
| Number of NO contacts                                   | 3 |
| Number of NC contacts                                   | 0 |

##### Use conditions

|                               |             |
|-------------------------------|-------------|
| Operating temperature         | -20 - 55 °C |
| Storage/transport temperature | -40 - 80 °C |

##### Connection

|                                                                        |                         |
|------------------------------------------------------------------------|-------------------------|
| Cross-section of input and output with screws, for flexible conductors | 10 - 35 mm <sup>2</sup> |
| Cross-section of input and output with screws, for massive conductors  | 10 - 35 mm <sup>2</sup> |

##### Sustainability

|              |     |
|--------------|-----|
| Halogen free | Yes |
| RoHS conform | Yes |