



**Undervoltage release 220-240 VAC/DC**

**Part no.** +IZMX-UVR230AD-1  
**Catalog No.** 184161  
**Alternate Catalog No.** 67C2821G32

**Delivery program**

|                                      |                       |        |   |
|--------------------------------------|-----------------------|--------|---|
| Product range                        |                       |        | Accessories   |
| Accessories                          |                       |        | Remote switching  |
| Accessories                          |                       |        | Undervoltage release  |
|                                      |                       |        | Cannot be combined with a second shunt release.<br>Retrofitting kit<br>Slot on the right on the adapter plate.                |
| Maximum operating frequency          | Actuations/<br>minute |        | 3   |
|                                      |                       |        | Limited to 3/min due to the high pick-up current for 35 ms.<br>Please note - the circuit-breaker's switching frequency = 60/h |
| Rated control voltage                | $U_S$                 | V      | 208 - 240 V AC 50/60 Hz<br>208 - 250 V DC   |
| Operating range                      | $x U_S$               | Factor | 0,85 - 1,1  |
| max. holding current                 | $I_n$                 | A      | 0.028   |
| max. pick-up current (35ms)          | $I_n$                 | A      | 4.27  |
| max. continuous power                | AC/DC                 | VA/W   | 5   |
| max. pull-in power (35ms)            | AC/DC                 | VA/W   | 910   |
| Circuit-breaker total switching time | @ $U_S=100\%$         | ms     | 50 (IZMX16..., INX16...)<br>40 (IZMX40..., INX40...)  |
| For use with                         |                       |        | IZMX16..., IZMX40...<br>INX16..., INX40...  |

**Design verification as per IEC/EN 61439**

|  |  |    |     |
|--|--|----|-----|
| Technical data for design verification |  |    |     |
| Operating ambient temperature min.     |  | °C | -25 |
| Operating ambient temperature max.     |  | °C | 70  |

**Technical data ETIM 7.0**

|  |  |   |                         |
|--|--|---|-------------------------|
| Low-voltage industrial components (EG000017) / Under voltage coil (EC001022)   |  |   |                         |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Undervoltage trip (ecl@ss10.0.1-27-37-04-17 [AKF015013]) |  |   |                         |
| Rated control supply voltage $U_s$ at AC 50HZ  |  | V | 208 - 240               |
| Rated control supply voltage $U_s$ at AC 60HZ  |  | V | 208 - 240               |
| Rated control supply voltage $U_s$ at DC   |  | V | 220 - 250               |
| Voltage type for actuating   |  |   | AC/DC                   |
| Type of electric connection  |  |   | Flat plug-in connection |
| Number of contacts as normally open contact  |  |   | 0                       |
| Number of contacts as normally closed contact  |  |   | 0                       |
| Number of contacts as change-over contact  |  |   | 0                       |
| Delayed  |  |   | No                      |
| Suitable for power circuit breaker   |  |   | Yes                     |
| Suitable for off-load switch   |  |   | Yes                     |
| Suitable for motor safety switch   |  |   | No                      |
| Suitable for overload relay  |  |   | No                      |