

# 781XAXRCL-120A

Power relay, Legacy, 15A, SPDT, 120 VAC,  
clear cover with LED indicator



## Main

|                     |             |
|---------------------|-------------|
| Product range       | Legacy      |
| Product type        | Power relay |
| Switch function     | SPDT        |
| Contact composition | 1 NC + 1 NO |

## Complementary

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input current                  | 15 A                                                                                                                                                                                                              |
| Contacts material              | Silver alloy, gold flashed                                                                                                                                                                                        |
| Local signalling               | LED<br>Flag                                                                                                                                                                                                       |
| Minimum switching current      | 10 mA 17 V                                                                                                                                                                                                        |
| Coil Resistance                | 4430 Ohm                                                                                                                                                                                                          |
| Input voltage                  | 120 V AC                                                                                                                                                                                                          |
| Drop-out voltage threshold     | $\geq 0.15 U_c$ AC<br>$\geq 0.1 U_c$ DC                                                                                                                                                                           |
| [Ie] rated operational current | 15 A 120...277 V AC UL<br>15 A 28 V DC UL<br>15 A 120/150 V AC CSA<br>10 A 151/277 V AC CSA<br>15 A 28 V DC CSA<br>15 A 250 V AC NO)IEC<br>15 A 28 V DC NO)IEC<br>7.55 A 250 V AC NC)IEC<br>7.55 A 28 V DC NC)IEC |
| Average coil consumption in VA | 1.9 AC 60 Hz<br>1.4 DC                                                                                                                                                                                            |
| Voltage range                  | 0.8...1.1 $U_n$ AC/DC                                                                                                                                                                                             |
| Maximum switching voltage      | 300 V AC UL<br>300 V AC CSA<br>250 V AC IEC                                                                                                                                                                       |
| Maximum Horse Power Rating     | 0.5 Hp 120 V AC 50...60 Hz<br>1 hp 277 V AC 50...60 Hz                                                                                                                                                            |
| Connections - terminals        | Faston terminals                                                                                                                                                                                                  |
| Mounting                       | Socket                                                                                                                                                                                                            |
| Height                         | 1.39 in (35.3 mm)                                                                                                                                                                                                 |
| Width                          | 0.55 in (14 mm)                                                                                                                                                                                                   |
| Depth                          | 1.07 in (27.3 mm)                                                                                                                                                                                                 |
| Net Weight                     | 1.02 oz (29 g)                                                                                                                                                                                                    |
| Operating time                 | 20 ms operating<br>20 ms not operating                                                                                                                                                                            |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

|                                         |                                                                                             |
|-----------------------------------------|---------------------------------------------------------------------------------------------|
| Ambient temperature range - operational | -40...131 °F (-40...55 °C)                                                                  |
| Ambient air temperature for storage     | -40...185 °F (-40...85 °C)                                                                  |
| Product certifications                  | UL<br>CE<br>CSA                                                                             |
| Electrical durability                   | 100000 cycles resistive                                                                     |
| Mechanical durability                   | 10000000 cycles                                                                             |
| Dielectric strength                     | 2000 V AC between coil and contact<br>2000 V AC between poles<br>1500 V AC between contacts |
| Shock resistance                        | 15 gn in operation                                                                          |
| Vibration resistance                    | +/-1 mm 10...35 Hz)<br>3 gn 35...150 Hz)                                                    |

## Ordering and shipping details

|      |                |
|------|----------------|
| GTIN | 03606480780509 |
|------|----------------|

## Offer Sustainability

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                        |
| REACH free of SVHC         | Yes                                                                                                                          |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                               |
| Toxic heavy metal free     | Yes                                                                                                                          |
| Mercury free               | Yes                                                                                                                          |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                          |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                       |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |