

# Product datasheet

Specifications



## ARA auto recloser aux for iC60 1P-1PN-2P - 4 Prog

A9C70132

Price: 4,044.20 ZAR

### Main

|                             |                                  |
|-----------------------------|----------------------------------|
| range of product            | Acti9                            |
| Product or component type   | Automatic recloser auxiliary     |
| Device short name           | ARA iC60                         |
| Signal contacts composition | 2 OF volt-free contacts          |
| Signalling circuit voltage  | 24 V 10 mA AC/DC<br>230 V 1 A AC |

### Complementary

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control type                           | Inhibition of automatism maintained 230 V AC 50/60 Hz<br>Ultimate reclosing impulse 230 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Input current                          | 5 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Impulse duration                       | >= 200 ms control circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Response time                          | < 500 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| [Us] rated supply voltage              | 230 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Power consumption in W                 | 2 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| [Ui] rated insulation voltage          | 400 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| [Uimp] rated impulse withstand voltage | 6 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Value of setting                       | Program 1: 1 reclosing attemp, short cycle <10 s before reclosing /6 min check time<br>Program 2: 3 reclosing attemps, short cycle <10 s before reclosing /2 min check time<br>Program 2: 3 reclosing attemps, short cycle <1 min before reclosing /6 min check time<br>Program 2: 3 reclosing attemps, short cycle <3 min before reclosing /6 min check time<br>Program 3: 5 reclosing attemps, long fixed cycle <10 s before reclosing /2 min check time<br>Program 3: 5 reclosing attemps, long fixed cycle <1 min before reclosing /6 min check time<br>Program 3: 5 reclosing attemps, long fixed cycle <3 min before reclosing /6 min check time<br>Program 4: 5 reclosing attemps, long progressive cycle <10 s before reclosing /2 min check time<br>Program 4: 5 reclosing attemps, long progressive cycle <1 min before reclosing /6 min check time<br>Program 4: 5 reclosing attemps, long progressive cycle <3 min before reclosing /8 min check time<br>Program 4: 5 reclosing attemps, long progressive cycle <4 min before reclosing /10 min check time<br>Program 4: 5 reclosing attemps, long progressive cycle <5 min before reclosing /12 min check time |
| Local signalling                       | Flashing orange LED: not operational<br>Flashing green LED: normal operation<br>Flashing red LED: reclosing cycle in progress<br>Fixed red LED: automatic recloser locked                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mounting mode                          | Clip-on                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: 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

|                                                  |                                                                                                                    |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Mounting support                                 | DIN rail                                                                                                           |
| Comb busbar and distribution block compatibility | NO                                                                                                                 |
| 9 mm pitches                                     | 7                                                                                                                  |
| Height                                           | 93 mm                                                                                                              |
| Width                                            | 63 mm                                                                                                              |
| Depth                                            | 75.5 mm                                                                                                            |
| Net weight                                       | 440 g                                                                                                              |
| Colour                                           | White                                                                                                              |
| Electrical durability                            | 5000 cycles                                                                                                        |
| Provision for padlocking                         | Padlockable                                                                                                        |
| Wire stripping length                            | Power supply: 10 mm for bottom connection<br>Input: 10 mm for bottom connection<br>Output: 8 mm for top connection |
| Tightening torque                                | Power supply: 1 N.m<br>Input: 1 N.m<br>Output: 0.7 N.m                                                             |
| Range compatibility                              | Acti9 iC60                                                                                                         |
| Product compatibility                            | 2P iC60<br>1P + N iC60<br>1P iC60                                                                                  |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Pollution degree                      | 3 conforming to IEC 60947    |
| Overvoltage category                  | II                           |
| Tropicalisation                       | 2                            |
| Relative humidity                     | 93 % at 40 °C                |
| Ambient air temperature for storage   | -40...70 °C                  |
| Ambient air temperature for operation | -25...60 °C                  |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 9 cm    |
| Package 1 Width              | 11 cm   |
| Package 1 Length             | 16.2 cm |
| Package 1 Weight             | 519 g   |
| Unit Type of Package 2       | S03     |
| Number of Units in Package 2 | 14      |
| Package 2 Height             | 30 cm   |
| Package 2 Width              | 30 cm   |
| Package 2 Length             | 40 cm   |
| Package 2 Weight             | 7.7 kg  |

# Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

|  Environmental footprint |                                               |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Environmental Disclosure                                                                                  | <a href="#">Product Environmental Profile</a> |

Use Better

|  Materials and Substances |                                      |
|------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Packaging made with recycled cardboard                                                                     | Yes                                  |
| Packaging without single use plastic                                                                       | Yes                                  |
| <a href="#">EU RoHS Directive</a>                                                                          | Compliant with Exemptions            |
| SCIP Number                                                                                                | 22d60f38-f25b-4d34-b274-088b0fb0346a |
| REACH Regulation                                                                                           | <a href="#">REACH Declaration</a>    |
| PVC free                                                                                                   | No                                   |

Use Longer

|  Lifetime extension |    |
|--------------------------------------------------------------------------------------------------------|----|
| Repair                                                                                                 | No |

Use Again

|  Repack and remanufacture |                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End of life manual availability                                                                              | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Take-back                                                                                                    | No                                                                                                                                                                                                              |
| WEEE Label                                                                                                   |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |