3RE4122-5CA31-4PB0

Data sheet





| product brand name | Siemens |
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| product brand name | |
| product designation special product feature | Non-reversing motor starter Start-Stop Push Buttons |
| General technical data | Start-Stop Fusit Buttons |
| | 45 lb |
| weight [lb] | 15 lb |
| Height x Width x Depth [in] | 12 × 10 × 6 in |
| touch protection against electrical shock | NA for enclosed products |
| installation altitude [ft] at height above sea level maximum | 6 560 ft |
| country of origin | Germany |
| Power and control electronics | |
| number of poles for main current circuit | 3 |
| type of voltage of the control supply voltage | AC |
| control supply voltage | |
| at AC at 50 Hz rated value | 110 V |
| at AC at 60 Hz rated value | 120 V |
| disconnector functionality | No |
| yielded mechanical performance [hp] for 3-phase AC motor | |
| at 200/208 V rated value | 5 hp |
| at 220/230 V rated value | 5 hp |
| at 460/480 V rated value | 10 hp |
| at 575/600 V rated value | 15 hp |
| Contactor | |
| number of NO contacts for main contacts | 3 |
| operating voltage for main current circuit at AC at 60 Hz maximum | 600 V |
| operating voltage at AC-3 rated value maximum | 600 V |
| mechanical service life (operating cycles) of the main contacts typical | 30 000 000 |
| Auxiliary contact | |
| number of NC contacts for auxiliary contacts | 1 |
| number of NO contacts for auxiliary contacts | 1 |
| number of total auxiliary contacts maximum | 8 |
| contact rating of auxiliary contacts of contactor according to UL | 10A@600V(A600), 2.5A@600V(Q600) |
| Coil | |
| apparent pick-up power of magnet coil at AC | 67 VA |
| apparent holding power of magnet coil at AC | 6.5 VA |
| operating range factor control supply voltage rated value of magnet coil | 0.8 1.1 |
| ON-delay time | 9 38 ms |
| OFF-delay time | 4 16 ms |
| Overload relay | |

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| • at 480 V 5 kA | |
| • at 600 V 5 kA | |
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| Approvals Certificates Consert Product An | |
| General Product Approval Test Certificates other Dangerous Good Environment | Environment |





Further information

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=3RE4122-5CA31-4PB0

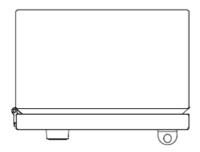
Search Datasheet in Service&Support (Manuals)

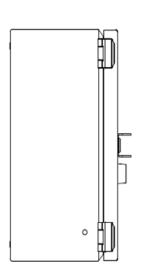
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-5CA31-4PB0/man

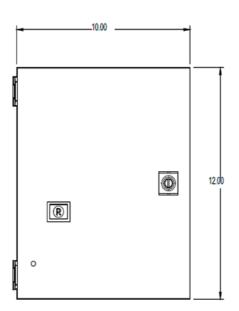
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4122-5CA31-4PB0&lang=en

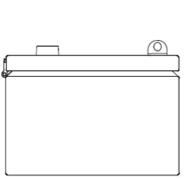
Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-5CA31-4PB0/certificate









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last modified: 4/15/2021 ☑