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# *EU Declaration of Conformity*

| | |
|---|---|
| *Product:* | **IEC Contactors, Reversing Contactors and Accessories** |

| *Name and address of the manufacturer:* | *Name and address of the authorised representative:* |
|---|---|
| **Sprecher + Schuh** | **Rockwell Automation B.V.** |
| **15910 International Plaza Drive** | **Rivium Promenade 160** |
| **Houston, TX 77032** | **2909 LM Capelle aan den Ijssel** |
| **U.S.A.** | **The Netherlands** |

*This declaration of conformity is issued under the sole responsibility of the manufacturer.*

| *Object of the declaration:* | **Sprecher + Schuh CA8, CAU8 Series and Accessories**<br>*(reference the attached list of catalogue numbers)* |
|---|---|

*The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:*

| | | |
|---|---|---|
| *2014/35/EU* | *Low Voltage Directive* | *(LVD)* |
| *2014/30/EU* | *EMC Directive* | *(EMC)* |
| *2011/65/EU* | *RoHS Directive* | *(RoHS)* |

*References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:*

| | |
|---|---|
| *EN 60947-4-1:2010+A1:2012* | *Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters* |
| *EN 60947-5-1:2004+A1:2009* | *Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices* |
| *EN 60947-5-4:2003* | *Low-voltage switchgear and controlgear – Part 5-4: Control circuit devices and switching elements – Method of assessing the performance of low energy contacts – Special tests* |
| *EN 50581:2012* | *Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances* |

*Signed for and on behalf of the above named manufacturer:*

| | | |
|---|---|---|
| *Place and date of issue:* | *Aarau, Switzerland* | *12-Sep-2018* |
| *Name, function:* | *Daniel Baumann, Manager – Product Compliance Engineering* | |
| *Signature:* | i.V. *Daniel Baumann* | |

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| Catalogue number | Series [1] | Description | Directive [2] | | |
|---|---|---|---|---|---|
| | | | EMC | LVD | RoHS |
| CA8 – * * * – * – * * | | IEC Contactors per Nomenclature | N/R | Yes | Yes |
| CAU8 – * * * – * – * * | | IEC Reversing Contactors per Nomenclature | N/R | Yes | Yes |
| *Accessories* | | | | | |
| CA8 – P * * * *<br>CA8 – RP * * * *<br>CS8 – P * * * *<br>CS8 – RP * * * * | | Front Mounted Auxiliary Contact Blocks per Nomenclature | N/R | Yes | Yes |
| CR*8 – * | | Suppressor Modules per Nomenclature | N/R | Yes | Yes |
| CRZE8 – * – * | | Solid-State Timing Elements per Nomenclature | Yes | Yes | Yes |
| CM8 | | Mechanical Interlock | N/R | N/R | Yes |
| CAUT8 – PW | | Power Wiring Kit, for reversing and Star/Delta combinations | N/R | N/R | Yes |
| CA8 – VPM | | Parallel Feeding Module, for connection of two CA8 Contactors in parallel | N/R | N/R | Yes |
| CA8 – WT | | Feeder Terminal, for compact busbars | N/R | Yes | Yes |
| CA8 – W453<br>CA8 – W454 | | Three Phase Compact Busbar (45mm, 3 connections)<br>Three Phase Compact Busbar (45mm, 4 connections) | N/R | N/R | Yes |
| KT7 – 25S – PEK12 | | ECO Connecting Module, for combination KT*7 – 25S Circuit Breaker to CA8 Contactor | N/R | N/R | Yes |
| CA7 – FMS<br><br>V7 – SM6X12 | | Marking Systems: Label Sheet, self-adhesive paper label<br>Marking Systems: Snap-in Marker Card | N/R | N/R | Yes |

1) If no series number is given, then all series are covered.

2) Yes = Product is certified to this directive.
   N/R = This directive is not required for this product.

MODEL NOMENCLATURE:

## *IEC Contactors, Reversing Contactors Catalogue Number Explanation*

| CA8 | | - | * | * | * | - | * | - | * | * |
|---|---|---|---|---|---|---|---|---|---|---|
| CAU8 | | | | | | | | | | |
| 1 | | | 2 | 3 | 4 | | 5 | | 6 | 7 |

| Position | Catalogue No. Suffix | Options/Descriptions |
|---|---|---|
| *1* | *CA8*<br>*CAU8* | *Base Catalogue Number*<br>*IEC Contactor*<br>*IEC Reversing Contactor* |
| *2* | *No suffix*<br>*R* | *Terminal Type*<br>*Screw terminals*<br>*Spring force terminals* |
| *3* | *05*<br>*09*<br>*12* | *Contactor Size*<br>*5A*<br>*9A*<br>*12A* |
| *4* | *No suffix*<br>*C* | *Control Voltage Suffix Code*<br>*AC Voltage*<br>*DC Voltage* |
| *5* | *01, 10* | *Auxiliary Contact configuration of contactor (3 poles)* |
| | *M22, M31, M40* | *Contact configuration of contactor (4 poles)* |
| | *02, 20, 24, 42* | *Auxiliary Contact configuration of reversing contactor (3 poles)* |
| *6* | *Several digits and letters* | *Control Voltage Coil Code (indicates coil-voltage and -frequency)*<br>*AC coil code (conventional coil: 110…525V50Hz), may be followed by letter code "Z"*<br>*AC coil code (conventional coil: 120…600V60Hz), may be followed by letter code "Z"*<br>*AC coil code (conventional coil: 12…415V50/60Hz, double frequency), may be followed by letter code "Z"*<br>*DC coil code (conventional coil: 9…250VDC), followed by letter code "D"* |
| *7* | *No suffix*<br>*D*<br>*V* | *Option*<br>*No option*<br>*Indicates bi-directional diode, integrated between the supply terminals*<br>*Indicates varistor, integrated between the supply terminals* |

# Accessories Catalogue Number Explanation

## A.) Front Mounted Auxiliary Contact Blocks

| CA8 – P<br><br>CA8 – RP<br><br>CS8 – P<br><br>CS8 – RP | * | * | * | * |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |

| Position | Catalogue No. Suffix | Options/Descriptions |
|---|---|---|
| 1 | | Base Catalogue Number |
| | CA8 – P | Front Mounted Auxiliary Contact Block with screw terminals for use with CA8 contactors |
| | CA8 – RP | Front Mounted Auxiliary Contact Block with spring force terminals for use with CA8 contactors |
| | CS8 – P | Front Mounted Auxiliary Contact Block with screw terminals for use with CA8 contactors and CAU8 reversing contactors |
| | CS8 – RP | Front Mounted Auxiliary Contact Block with spring force terminals for use with CA8 contactors and CAU8 reversing contactors |
| 2 | | Contact Configuration |
| | No Suffix | No early make contacts and no late break contacts are provided |
| | L | One early closing N.O. contact and one late opening N.C. contact |
| | B | Terminal identification with alternate numbering of contacts |
| 3 | Blank | Bifurcated contact construction with silver contacts |
| 4 | | Contact Configuration |
| | Two digits | First digit indicates number of N.O. contacts<br>Second digit indicates number of N.C. contacts |
| 5 | | Terminal Classification |
| | No suffix | No classification |
| | E | According to European standards |
| | Z | According to manufacturer's specifications |

## B.) Suppressor Modules

| CR*8 | - | * |
|---|---|---|
| 1 | | 2 |

| Position | Catalogue No. Suffix | Options/Descriptions |
|---|---|---|
| 1 | | Base Catalogue Number of Suppressor Module |
| | CRC8 | RC-Module |
| | CRD8 | Diode-Module |
| | CRV8 | Varistor-Module |
| | CRZ8 | Bi-directional Diode-Module |
| 2 | Two or three digits | Indicates voltage range |

# Accessories Catalogue Number Explanation (continued)

## C.) Solid-State Timing Elements

| CRZE8 | - | * | -* |
|:-:|:-:|:-:|:-:|
| 1 | | 2 | 3 |

| Position | Catalogue No. Suffix | Options/Descriptions |
|:-:|:-:|:--|
| 1 | CRZE8 | Base Catalogue Number of Solid-State Timing Element |
| 2 |  | Function, Time Range |
|  | 3S | On-delay timer, 0.1...3s |
|  | 30S | On-delay timer, 1...30s |
| 3 |  | Control Voltage |
|  | No suffix | 110...250V AC or DC |
|  | 48V | 48V AC or DC |