



PRODUCT-DETAILS

# AX260-30-11-80

## AX260-30-11-80 Contactor



| General Information   |                          |
|-----------------------|--------------------------|
| Extended Product Type | AX260-30-11-80           |
| Product ID            | 1SFL547074R8011          |
| EAN                   | 7320500514726            |
| Catalog Description   | AX260-30-11-80 Contactor |
| Long Description      | AX260-30-11-80 Contactor |

| Ordering               |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85364900 |

| Popular Downloads                 |                   |
|-----------------------------------|-------------------|
| Data Sheet, Technical Information | 1SBC100214C0202   |
| Instructions and Manuals          | 1SFC101062M0201_E |
| CAD Dimensional                   | 2CDC001079B0201   |

Drawing

| Dimensions                 |        |
|----------------------------|--------|
| Product Net Width          | 140 mm |
| Product Net Depth / Length | 180 mm |
| Product Net Height         | 225 mm |
| Product Net Weight         | 4.7 kg |

| Technical                                                         |                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of Main Contacts NO                                        | 3                                                                                                                                                                                                                                                                                                                                                     |
| Number of Main Contacts NC                                        | 0                                                                                                                                                                                                                                                                                                                                                     |
| Number of Auxiliary Contacts NO                                   | 1                                                                                                                                                                                                                                                                                                                                                     |
| Number of Auxiliary Contacts NC                                   | 1                                                                                                                                                                                                                                                                                                                                                     |
| Number of Poles                                                   | 3P                                                                                                                                                                                                                                                                                                                                                    |
| Rated Operational Voltage                                         | Main Circuit 1000 V                                                                                                                                                                                                                                                                                                                                   |
| Rated Frequency (f)                                               | Main Circuit 60 Hz                                                                                                                                                                                                                                                                                                                                    |
| Conventional Free-air Thermal Current (I <sub>th</sub> )          | acc. to IEC 60947-4-1, Open Contactors $\Theta$ = 40 °C 250 A                                                                                                                                                                                                                                                                                         |
| Rated Operational Current AC-1 (I <sub>e</sub> )                  | (690 V) 40 °C 400 A<br>(690 V) 55 °C 350 A<br>(690 V) 70 °C 290 A                                                                                                                                                                                                                                                                                     |
| Rated Operational Current AC-3 (I <sub>e</sub> )                  | (415 V) 55 °C 265 A<br>(440 V) 55 °C 265 A<br>(500 V) 55 °C 250 A<br>(690 V) 55 °C 250 A<br>(380 / 400 V) 55 °C 265 A<br>(220 / 230 / 240 V) 55 °C 265 A                                                                                                                                                                                              |
| Rated Operational Power AC-3 (P <sub>e</sub> )                    | (415 V) 132 kW<br>(440 V) 160 kW<br>(500 V) 160 kW<br>(690 V) 200 kW<br>(380 / 400 V) 132 kW<br>(220 / 230 / 240 V) 75 kW                                                                                                                                                                                                                             |
| Rated Breaking Capacity AC-3                                      | 8 x I <sub>e</sub> AC-3                                                                                                                                                                                                                                                                                                                               |
| Rated Making Capacity AC-3                                        | 10 x I <sub>e</sub> AC-3                                                                                                                                                                                                                                                                                                                              |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 2120 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 400 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 865 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 2650 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 1224 A |
| Rated Insulation Voltage (U <sub>i</sub> )                        | acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 690 V                                                                                                                                                                                                                                                                                                      |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )               | 8 kV                                                                                                                                                                                                                                                                                                                                                  |
| Maximum Electrical Switching Frequency                            | 300 cycles per hour                                                                                                                                                                                                                                                                                                                                   |
| Mechanical Durability                                             | 5 million                                                                                                                                                                                                                                                                                                                                             |
| Maximum Mechanical Switching Frequency                            | 300 cycles per hour                                                                                                                                                                                                                                                                                                                                   |

|                                    |                                                                           |
|------------------------------------|---------------------------------------------------------------------------|
| Coil Operating Limits              | (acc. to IEC 60947-4-1) Uc (at $\theta \leq 70\text{ }^{\circ}\text{C}$ ) |
| Rated Control Circuit Voltage (Uc) | 50 Hz 220 ... 230 V<br>60 Hz 230 ... 240 V                                |
| Power Loss                         | at Rated Operating Conditions per Pole 14 W                               |
| Degree of Protection               | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP40         |
| Terminal Type                      | Main Circuit: Bars                                                        |
| Product Name                       | Block Contactor                                                           |

Environmental

|                                        |                                                                                                                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient Air Temperature                | Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25 ... 55 °C<br>Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... 70 °C<br>Close to Contactor for Storage -40 ... 70 °C |
| Maximum Operating Altitude Permissible | Without Derating 3000 m                                                                                                                                                                                          |

Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                                        |
| REACH Declaration                           | 2CMT2021-006202                                                        |
| RoHS Information                            | 2CMT2021-006277                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA         | 2CMT2023-006525                                                        |
| WEEE B2C / B2B                              | Business To Business                                                   |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |

Certificates and Declarations

|                                 |                     |
|---------------------------------|---------------------|
| CQC Certificate                 | CQC2013010304660061 |
| Declaration of Conformity - CCC | 2020980304001062    |
| Declaration of Conformity - CE  | 2CMT2015-005443     |
| UL Certificate                  | 20121217-E36588     |

Container Information

|                                |             |
|--------------------------------|-------------|
| Package Level 1 Units          | box 1 piece |
| Package Level 1 Width          | 175 mm      |
| Package Level 1 Depth / Length | 270 mm      |
| Package Level 1 Height         | 223 mm      |
| Package Level 1 Gross Weight   | 5.4 kg      |

Classifications

|                            |                                          |
|----------------------------|------------------------------------------|
| Object Classification Code | Q                                        |
| ETIM 7                     | EC000066 - Power contactor, AC switching |

|                                    |                                          |
|------------------------------------|------------------------------------------|
| ETIM 8                             | EC000066 - Power contactor, AC switching |
| ETIM 9                             | EC000066 - Power contactor, AC switching |
| eClass                             | V11.0 : 27371003                         |
| UNSPSC                             | 39121529                                 |
| IDEA Granular Category Code (IGCC) | 4755 >> Contactors                       |

Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors → AX Contactors → AX260

