



EW300\_C

**Industrial contactor 300A-AC3 / coil 220V 50-60Hz**

**Technical properties**

**Architecture**

Type of pole	3 P
--------------	-----

**Main electrical features**

Rated operational voltage Ue	690 V
Type of supply voltage	AC

**Voltage**

Rated insulation voltage	1000 V
DC control voltage	0 V
Command voltage AC	220 V

**Electric current**

Acceptable current rating with AC1	350 A
Rated current	300 A
Thermal rated current outside of housings	350 A
Rated operational current in AC3	300 A

**Dimensions**

Depth of installed product	184 mm
Height of installed product	210 mm
Width of installed product	146 mm

**Frequency**

Frequency	50 to 60 Hz
-----------	-------------

**Power**

Contact rating with 400 V in AC3	160 kW
----------------------------------	--------

**Endurance**

Electric endurance in number of cycles	500000
Number of mechanical operations	5000000

**Connection**

Connection cross-section of input and output with screws, for massive conductors	50 / 185 mm <sup>2</sup>
Connection cross section of access and exit with screws, for flexible conductor	50 / 185 mm <sup>2</sup>
Type of connection	Terminal

**Equipment**

Number of auxiliary contacts as normally closed contact	2
Number of auxiliary contacts as normally open contact	2
Quantity of NC contacts	0
Quantity of NO contacts	3
<b>Use cases</b>	
Category of use	AC3
<b>Standards</b>	
Standard text	IEC 60947-4-1
European directive WEEE	not concerned
<b>Safety</b>	
REACH conform	No
RoHS conform	Yes
<b>Use conditions</b>	
Operating temperature	-20...55 °C
Altitude	2000 m
Storage/transport temperature	-40...80 °C
Relative humidity (without condensation)	45...85 %