

CONTACTOR RELAY 80E EN 50 011 8N0,
SCREW TERMINALS WIDTH 45MM AC OPERATION AC
60HZ 120V/50HZ 110V

General details:

Size of the contactor		0
Ambient temperature		
• during operating	°C	-25 ... +55
Protection class IP / on the front		IP20
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		K
• according to DIN EN 81346-2		K

Control circuit:

Voltage type / of control feed voltage		AC
Control supply voltage frequency		
• 1	Hz	50
• 2	Hz	60
Control supply voltage		
• at 50 Hz / at AC / rated value	V	110
• at 60 Hz / at AC / rated value	V	120

Auxiliary circuit:

Operating current / at AC-15		
• at 230 V / rated value	A	4
• at 400 V / rated value	A	3
Identification number and letter for switching elements		80 E
Number of NC contacts / for auxiliary contacts		0
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
Number of NO contacts / for auxiliary contacts		8
• leading switching		0
• delayed switching		0
• asynchronous switching		0

Number of changeover contacts / for auxiliary contacts		0
--	--	---

Connection type:

Design of the electrical connection / for auxiliary and control current circuit

screw-type terminals

Mechanical design:

Mounting type

screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022

Width

mm

45

Height

mm

48

Depth

mm

96

Certificates/approvals:

General Product Approval

Functional Safety /
Safety of
Machinery

Declaration of
Conformity



CCC



CSA



UL

[Type Examination](#)



EG-Konf.

Test Certificates

[other](#)

[Special Test
Certificate](#)

[Type Test
Certificates/Test
Report](#)

Shipping Approval



GL



LRS

other

[Declaration of
Conformity](#)

[other](#)

[Environmental
Confirmations](#)

Safety:

Protection against electrical shock

finger-safe

B10 value / with high demand rate

• according to SN 31920

400,000

• note

With 0.3 x I_e

T1 value / for proof test interval or service life / according to IEC 61508

a

20

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator

<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3TH2280-0AK6/all>

last change:

Jun 16, 2014