

CONTACTOR RELAY 80E EN 50 011 8N0,
SCREW TERMINALS WIDTH 45MM AC OPERATION AC
230/220V 50HZ,
276/264V 60HZ

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 • according to DIN EN 61346-2 • according to DIN EN 81346-2		K K K

Control circuit:

Voltage type / of control feed voltage		AC
Control supply voltage frequency • 1 • 2	Hz Hz	50 60
Control supply voltage • at 50 Hz / at AC / rated value • at 60 Hz / at AC / rated value	V V	230 277

Auxiliary circuit:

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

Test Certificates	Shipping Approval
other	 GL
Special Test Certificate	 LRS
Type Test Certificates/Test Report	

other
Declaration of Conformity
other
Environmental Confirmations

Safety:

Protection against electrical shock		finger-safe
B10 value / with high demand rate		400,000
<ul style="list-style-type: none"> • according to SN 31920 • note 		With 0.3 x Ie
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/3TH2280-0AP0/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH2280-0AP0

last change:

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