

CONTACTOR RELAY 80E EN 50 011 8N0,
SCREW TERMINALS WIDTH 45MM DC OPERATION DC
SOLENOID SYSTEM DC 230V

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		DC
Control supply voltage		
• for DC / rated value	V	230
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	 EG-Konf.
Test Certificates			Shipping Approval	
other	Special Test Certificate	Type Test Certificates/Test Report	 GL	 LRS
other				
Declaration of Conformity	other	Environmental Confirmations		

Safety:

Protection against electrical shock		finger-safe
B10 value / with high demand rate <ul style="list-style-type: none">• according to SN 31920• note		400,000 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/WWW/view/en/3TH2280-0BP4/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH2280-0BP4

last change:

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