

MINIATURE POWER RELAY SOLDER-PIN CONNECTION,
3NO+1NC SCREW MOUNTING (DIAGONAL) AC OPERATION AC
24V 50HZ/AC 29V 60HZ



Figure similar

General technical data:	
Size of contactor	0
Protection class IP on the front	IP00
Ambient temperature during operation	-25 ... +55 °C
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Equipment marking acc. to DIN EN 61346-2	Q
Number of poles for main current circuit	4
Operating current at AC-1 at 400 V • at ambient temperature 40 °C rated value	16 A
Main circuit:	
Number of NC contacts for main contacts	1
Number of NO contacts for main contacts	3
Operating current at AC-3 at 400 V rated value	9 A
Operating power • at AC-3 at 400 V rated value • at AC-1 at 400 V rated value	4 kW 10 kW

Control circuit/ Control:	
Control version of the switch operating mechanism	conventional
Type of voltage of the control supply voltage	AC
Control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
Control supply voltage	
• at AC	
— at 50 Hz	
— rated value	24 V
— at 60 Hz	
— rated value	29 V
Number of NC contacts for auxiliary contacts	
• lagging switching	0
• instantaneous contact	0
Number of NO contacts for auxiliary contacts	
• leading contact	0
• instantaneous contact	0
Auxiliary circuit:	
Number of NC contacts for auxiliary contacts	0
Type of electrical connection for main current circuit	solder pin connectors
Type of electrical connection for auxiliary and control current circuit	solder pin connectors
Mechanical data:	
Mounting type	screw fixing
Mounting type Side-by-side mounting	Yes
Width	45 mm
Height	36 mm
Depth	55.5 mm
Certificates/ approvals:	

General Product Approval		Declaration of Conformity	Test Certificates	Shipping Approval
 CCC	 UR	 EAC	 EG-Konf.	spezielle Prüfbescheinigungen n  DNV

Shipping Approval	other
 PRS	 RMRS
	Umweltbestätigung Bestätigungen

Further information

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

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

Industry Mall (Online ordering system)

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

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2031-6AB0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-6AB0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2031-6AB0&lang=en

last modified:

10/07/2016