特力材料886-3-5753170 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw

WWW.100Y.COM.T

KWW.100Y.COM.TW

WWW.100Y.CO

WWW.100Y.COM.TW



Single relay - REL-MR- 24DC/21AU - 2961121

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Plug-in miniature power relay, with multi-layer gold contact, 1 PDT, input voltage 24 V DC

The illustration shows the version REL-MR- 24DC/21

Product Features

- Safe isolation according to DIN EN 50178 between coil and contact
- High degree of protection, up to RT III (comparable with IP67) depending on type
- Power contacts up to 6 A

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ey commercial data	WWW.100 TW WWW.100V.COM.
Packing unit	1 pc COMMUNICORNAL COMMUNICORN
Minimum order quantity	10 pc
GTIN WWW.1007.COM.TW	4 017918 130879
Veight per Piece (excluding packing)	6.71 GRM
Custom tariff number	85364190
Country of origin	Czech Republic

WWW.100Y.COM.TW

WWW.100Y.CON

Technical data

Dimensions

Technical data	WWW.100Y.COM.TW	WWW.100Y.COM.TW	WWW.100Y.COM.TW
Dimensions			
Width	WWW. TOOK.COMETW	5 mm	WWW. 1007.COM
Height	WWW. CONT. TW	28 mm	WW. 1007.Co.
Depth	MMM.Id. COM. TV	15 mm	MM M.

Ambient conditions

Ambient temperature (operation)	MMM. 100X.COM	-40 °C 85 °C	72
			04/30/2015 Page 1 / 10



Technical data

Ambient conditions

Ambient temperature (storage	(transport)	-40 °C 85 °C	
Ambient temperature (storage)	transport	-40 C 65 C	

Coil side

Coil side			
Nominal input voltage U _N	24 V DC		
Input voltage range in reference to U _N	see diagram		
Typical input current at U _N	7 mA		
Power dissipation for nominal condition	0.17 W		
Typical response time	5 ms		
Typical release time	2.5 ms		
Coil resistance	3390 Ω ±10 % (at 20 °C)		

Contact side

Contact type	1 PDT
Contact material	AgSnO, hard gold-plated
Maximum switching voltage	30 V AC
MAM CONTAM MAM	36 V DC
Minimum switching voltage	100 mV (at 10 mA)
Maximum inrush current	50 mA
Min. switching current	1 mA (at 24 V)
Limiting continuous current	50 mA
Interrupting rating (ohmic load) max.	1.2 W (at 24 V DC)
Note	the following values are applicable if a gold layer is destroyed
Maximum switching voltage	250 V AC
Minimum switching voltage	5 V (at 100 mA)
Limiting continuous current	6 A 00 10 10 10 10 10 10 10 10 10 10 10 10
Min. switching current	10 mA (at 12 V)
Interrupting rating (ohmic load) max.	140 W (at 24 V DC)
WWW.100X.CO.T.TW	20 W (at 48 V DC)
WWW.seary.Com.	18 W (at 60 V DC)
WWW.Tooy.COM.	23 W (at 110 V DC)
WWW.In. OV.COM.	40 W (at 220 V DC)
MAN TOO Y COM.	1500 VA (for 250 V AC)
Switching capacity in acc. with DIN VDE 0660/IEC 60947	2 A (at 24 V, DC13)
W. 100 r. COM. 1	0.2 A (at 110 V, DC13)
WY 100Y COM.	0.1 A (at 220 V, DC13)
WW.100Y.COM	3 A (at 24 V, AC15)
WW. 1007. CO.	3 A (at 120 V, AC15)
	3 A (at 230 V, AC15)



WWW.100Y.COM.TW Single relay - REL-MR- 24DC/21AU - 2961121 WWW.100Y.COM.TW WWW.100Y.COM.TW WWW.100Y.C

Technical data

General

Technical data	
General	
Test voltage relay winding/relay contact	4 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	2 x 10 ⁷ cycles
Standards/regulations	IEC 60664
WW. TOOX.CO. TW WWW. 100X.C	EN 50178
LAM. TOOK COMPLET MAMAN TOOK	IEC 62103
Pollution degree	CONTRACTOR SWITTER
Surge voltage category	X.COM. TIME WWW.COM.TW
Mounting position	any CO
Assembly instructions	In rows with zero spacing

Connection data

Connection method	Plug / solder con	nection
Classifications		
eCl@ss		

WWW.100Y.COM.TW

eCl@ss

Classifications	
eCl@ss	
eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371601
ETIM WWW.100Y.CO.	M.TW WWW.100Y.COM.TW WWW.100Y.COM.TW
ETIM 2.0	EC000106

ETIM

ETIM	WWW.100X.COM.TW	MAM: 100X: COM: LA	WWW.100Y.COM.TW
ETIM 2.0	MANATATION COMITA	EC000196	AMM. Ing A COM.
ETIM 3.0	W. 1001.COM.TH	EC000196	WW.100 COM.
ETIM 4.0	WW. 100Y. COM.TW	EC000196	M. TOO T. COM. I.
ETIM 5.0	WWW. 100Y. COM.T	EC001437	M. M. 1001. CONT. I.A.

UNSPSC

ETIM 5.0	THE TOWN !	L0001437	$\sim 10^{-1}$ $\sim 10^{-1}$
UNSPSC	WWW.100Y.COM.TW	MMM.100X.COM.TW	MAMATOON CONT.
UNSPSC 6.01	M. M. Top and COM.	30211916	MMM. TOUX.COM
UNSPSC 7.0901	WWW.100 T COM.	39121515	MMM.In. COM
UNSPSC 11	M. 100 3. COM: 14	39121515	MM.In.
UNSPSC 12.01	M. 1001. CON'IA	39121515	1
UNSPSC 13.2	WW.100x.COM.T	39121515	
	WWW.100X.COM: WWW.100X.COM:	W.IM MMM.1003.5	04/30/2015 Page 3 / 10



Approvals			
Approvals			
VIOOX.COM.TW	WW.100Y.COM.TW	WW.100X.COM.TW	
Approvals			
UL Recognized / VDE Gutachten n EAC / EAC / cULus Recognized	nit Fertigungsüberwachung / VDE Zei	ichengenehmigung / cUL Recognized / GL / cUL Reco	gnized / UL Recognized /
Ex Approvals	MMM.100X.COM.1	TW WWW.100Y.COM.TW	
Approvals submitted	M MMM.100X.COM	M.TW WWW.100Y.COM.TW	sī
Approval details	1.I.M. M.M.W.100.X.C.	CONTAN MANY TOOK COW'L	W
UL Recognized 3	OM.TW WWW.100" OM.TW WWW.100" COM.TW WWW.10"	Y.COM.TW WWW.100Y.COM. DOX.COM.TW WWW.100Y.COM. 100Y.COM.TW WWW.100Y.COM. 100Y.COM.TW WWW.100Y.COM.	OWILA NILA VILLA
VDE Gutachten mit Fertigungsübe	erwachung 🚾	1.100X.COM.TW WWW.100X.	COW LA
NO. 2	100Y.COM.TW WY	WW.100Y.COM.TW WWW.100	N.COM.TW
VDE Zeichengenehmigung	1002. CON TAN A	WWW.100 COM. TW WWW.I	1001-COM.
MM.	W.100X.COM.TW	WWW.TOOX.COMITW WWW.	TOOA:COM:LA
cUL Recognized			
	M. 100X. COM. TW	WW.100X.COM.TW WW	M.100 F. COM. TA
GL	N. M. 100 J. COM. TW	WWW.100 COM. TW W	WW.100X.COM
	COM.	MMM.100X.COM.TW	TANN. ICOM
cUL Recognized	MMM.100X.COW.TM	WWW.100X.COM.TW WWW.100X.COM.TW	MMM.100X.COM
	WWW.100Y.COM.TW	M. Mar. 100 J. C. T. I.M.	4



Approvals

Single relay - INEL-	-WIT- Z4DG/Z IAU	- 2901121
Approvals		
ANY.COM. TW WY	IM.100X.COM.TM	WWW.100Y.COM.TW
100X.COMIN W	WW.100Y.COM.TW	WWW.100X.COM.TW
UL Recognized \$\)		
W.1007.COM.TW	M. TOON CONT.	TWW. Ind. ov COM.
EAC	MANATOOT. CONT. LA	N NWW.100 COM. TW
1,100 r. COW.1	MANATON TO CONT.	WW. MOON COM.
EAC	M. M. 100 J. COM.	WWW.1002 COM. TW
WILLIAM CONTIN	M. TOM COM	TWW.Inox COM.
WW.100Y.COM.TW	M.M. 1001. CON	LITTY WWW.100 COM. TW
cULus Recognized CSLus	MMM.1007.CO	M.TW WWW.TOON.COM.TW

Accessories

Additional products

Relay socket - PLC-BPT- 24DC/21 - 2900445



6.2 mm PLC basic terminal block with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 PDT, input voltage 24 V DC

Relay socket - PLC-BSP- 24DC/21 - 2967219



6.2 mm PLC basic terminal block with spring-cage connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 PDT, input voltage 24 V DC

Relay socket - PLC-BSC- 24DC/21 - 2966016



6.2 mm PLC basic terminal block with screw connection, without relays or solid-state relay, for mounting on DIN rail NS WWW.100Y.COM.T 35/7,5, 1 PDT, input voltage 24 V DC

WWW.100Y.COM.7

WWW.100Y

WWW.100Y.COM



Accessories

Relay socket - PLC-BPT- 24UC/21 - 2900446



6.2 mm PLC basic terminal block with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 PDT, input voltage 24 V AC/DC

Relay socket - PLC-BSP- 24UC/21 - 2967222



6.2 mm PLC basic terminal block with spring-cage connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 PDT, input voltage 24 V AC/DC

Relay socket - PLC-BSC- 24UC/21 - 2966029



6.2 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 PDT, input voltage 24 V AC/DC

Basic terminal block - PLC-BSC- 36DC/21 - 2966964

Basic terminal block

Relay socket - PLC-BPT- 48DC/21 - 2900447



6.2 mm PLC basic terminal block with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 PDT, input voltage 48 V DC



Accessories

Relay socket - PLC-BSP- 48DC/21 - 2967329



6.2 mm PLC basic terminal block with spring-cage connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 PDT, input voltage 48 V DC

Relay socket - PLC-BSC- 48DC/21 - 2966090



6.2 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 PDT, input voltage 48 V DC

Relay socket - PLC-BPT- 24DC/ 1/SEN - 2900262



6.2 mm PLC basic terminal block for input functions with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with sensor supply voltage distribution (BB), 1 N/O contact, input voltage 24 V DC

Relay socket - PLC-BSP- 24DC/ 1/SEN - 2967206



6.2 mm PLC basic terminal block for input functions with spring-cage connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with sensor supply voltage distribution (BB), 1 N/O contact, input voltage 24 V DC

Relay socket - PLC-BSC- 24DC/ 1/SEN - 2966061



6.2 mm PLC basic terminal block for input functions with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with sensor supply voltage distribution (BB), 1 N/O contact, input voltage 24 V DC



Accessories

Relay socket - PLC-BPT- 24DC/ 1/ACT - 2900449



6.2 mm PLC basic terminal block for output functions with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V DC

Relay socket - PLC-BSP- 24DC/ 1/ACT - 2967196



6.2 mm PLC basic terminal block for output functions with spring-cage connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V DC

Relay socket - PLC-BSC- 24DC/ 1/ACT - 2966058



6.2 mm PLC basic terminal block for output functions with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V DC

Relay socket - PLC-BPT- 24UC/ 1/ACT - 2900450



6.2 mm PLC basic terminal block for output functions with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V AC/DC

Relay socket - PLC-BSP- 24UC/ 1/ACT - 2982809



6.2 mm PLC basic terminal block for output functions with spring-cage connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V AC/DC

勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw



Single relay - REL-MR- 24DC/21AU - 2961121

Accessories

Relay socket - PLC-BSC- 24UC/ 1/ACT - 2982799



6.2 mm PLC basic terminal block for output functions with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V AC/DC

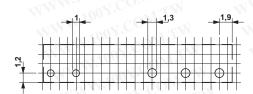
Relay socket - PLC-BSC- 24DC/21/SO46 - 2980458



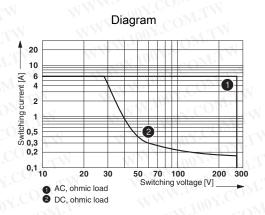
6.2 mm PLC basic terminal block with protection against interference currents and interference voltages on the control side, with screw connection, without relay or solid-state relay, for mounting on NS 35/7,5 DIN rail, with increased input current consumption, 1 PDT, 24 V DC input voltage

Drawings

Drilling diagram

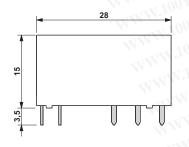


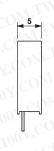
a = pitch division 1.25 mm and 1.27 mm



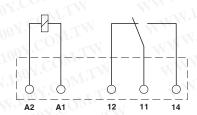
Interrupting rating

Dimensional drawing





Circuit diagram





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