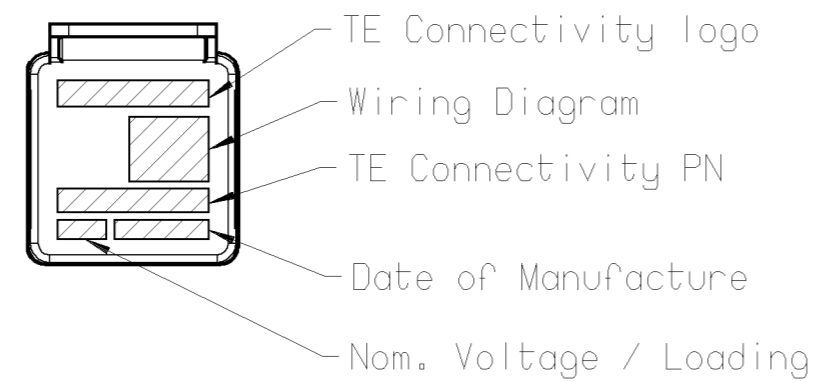
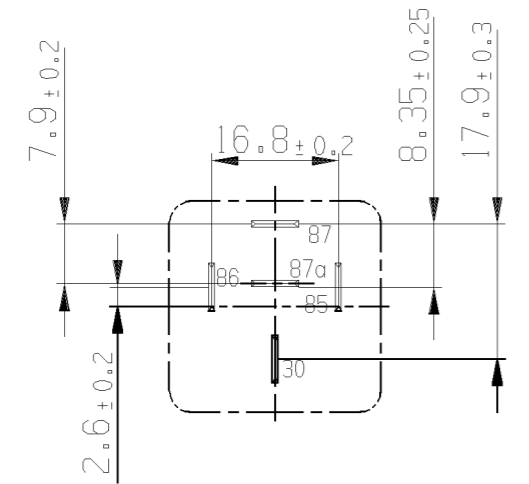


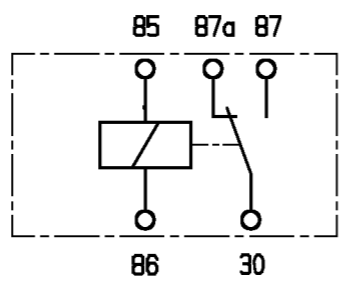
Land of Origin



TERMINAL CONFIGURATION



WIRING DIAGRAM



BLADE TERMINALS DIN 46 244-A6,3-0,8 CuZn TIN PLATED  
 CUT EDGES WITHOUT TIN PLATING ALLOWED  
 DEGREE OF PROTECTION ACC. TO IEC529 = DIN 40 050 Teil 9  
 TERMINALS IP20  
 HOUSING IP34  
 IN CONNECTION WITH A CONNECTOR HOUSING  
 MOUNTING POSITION: TERMINALS SHALL POINT DOWNWARDS  
 FOR ALL OTHER POSITIONS PROTECTION GROUP IP 20 IS VALID

PART	MATERIAL	COLOUR
HOUSING	PA 66 GF 30± 10 [%]	BLACK
BASE PLATE	PA 66 GF 30± 10 [%]	BLACK

OBSOLETE BOSCH P/N	TE P/N	REV	PART NUMBER	CUSTOMER P/N	CODE NO
0 332 209 150	0-1904022-2		V23234-A1001-X036		
	1-1904022-2				
	2-1904022-2				
	3-1904022-2				
	4-1904022-2				
	5-1904022-2				
6-1904022-2					
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APPLICABLE SPEC.:			FINISH DIMENSIONS APPLY PLATING SCALE <b>1:1</b> WEIGHT <b>Ca.34g</b>		
TOLERANCE UNLESS SPECIFIED OTHERWISE			DIMENSIONS IN MM		
DATE NAME 2006-06-06 P.Tomas			PART NAME <b>MINI RELAY B            CHANGEOVER 12V 20/30A</b>		
LOCATION PE EVORA			PART NO. <b>V23234-A1001-X036</b>		
REV. CHANGE ORDER DATE APP.			CUSTOMER DRAWING		SHT. <b>1</b> OF 2

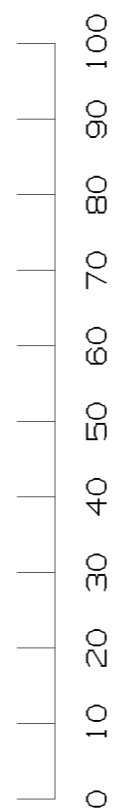


Nominal voltage (load and excitation circuit)	
Permissible operating voltage	8...16V
Permissible ambient temperature	-40... 100 ° C
Response voltage (at 20 ° C)	≤ 8 V
Release voltage (at 20 ° C)	1,2...5.5 V
Response time	≤ 10 ms
Release time	≤ 10 ms
Contact material	Silver based
Equivalent coil resistance at terminal 85-86	85± 5Ω

Voltage drop at blade terminals at a measuring current of 10± 0.5A	
Normally Open Contact, Terminal 30-87 in new condition	Typically ≤ 50mV, Max. 300mV
After life test	Typically ≤ 80mV, Max. 300mV
Normally Closed Contact, Terminal 30-87a in new condition	Typically ≤ 70mV, Max. 300mV
After life test	Typically ≤ 120mV, Max. 300mV

**ELECTRICAL ENDURANCE**

Resistive Load 30A on NO	- ≥ 250.000 cycles
Resistive Load 10A on NO	- ≥ 250.000 cycles
Resistive Load 20A on NC	- ≥ 250.000 cycles



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APPLICABLE SPEC. #				FINISH			
				DIMENSIONS APPLY		PLATING	
				TOLERANCE UNLESS SPECIFIED OTHERWISE		SCALE	
				DIMENSIONS IN MM		WEIGHT <b>Ca. 34g</b>	
				DATE		NAME	
B1	ECO-14-008934	12JUN2014	LSand	DWN.	2006-06-06	PART NAME <b>MINI RELAY B</b>	
B	ECO-12-015770	30AUG2012	A.P.	APP.		<b>CHANGEOVER 12V 20/30A</b>	
A4	INITIAL VERSION	2007-10-18	PTom	REV.		MATERIAL	
A3	---	2007-03-01	--	LOCATION	PE EVORA	PART NO.	
A2	---	2007-01-31	--			<b>V23234-A1001-X036</b>	
A1	---	2006-11-13	--			SHT.	
A1	---	2006-10-30	--			<b>2</b>	
REV.	CHANGE ORDER	DATE	APP.	CUSTOMER DRAWING		OF 2	

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