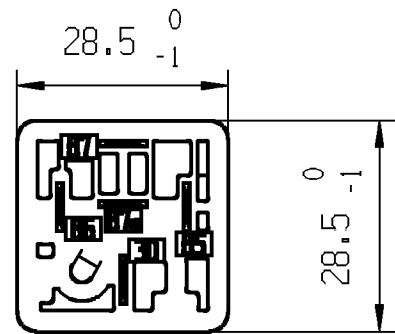


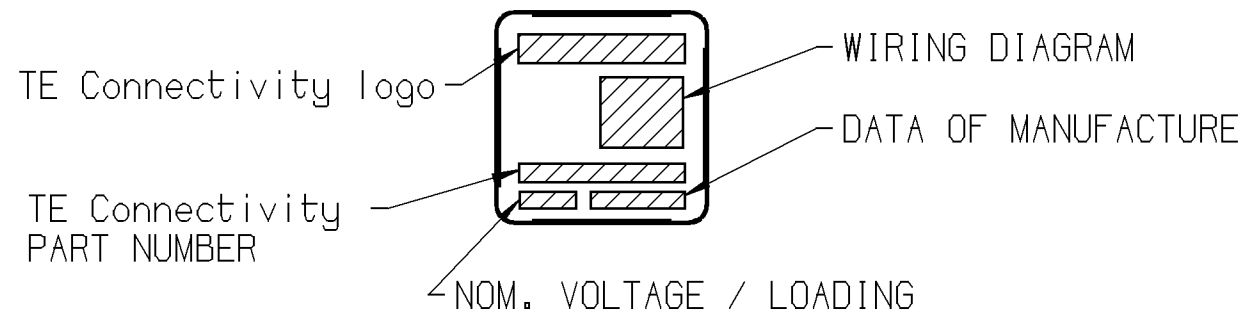
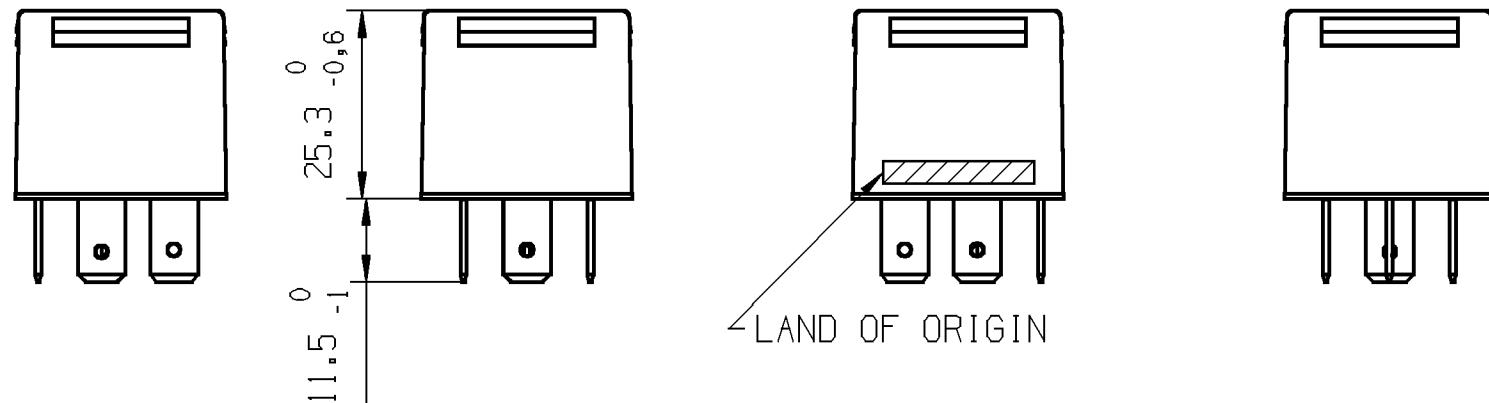
BLADE TERMINALS DIN 46 244-A6,3-0,8-CuZn TIN PLATED  
 CUT EDGES WITHOUT TIN PLATING ALLOWED

DEGREE OF PROTECTION ACC. TO IEC529 = DIN 40 050 Teil 9

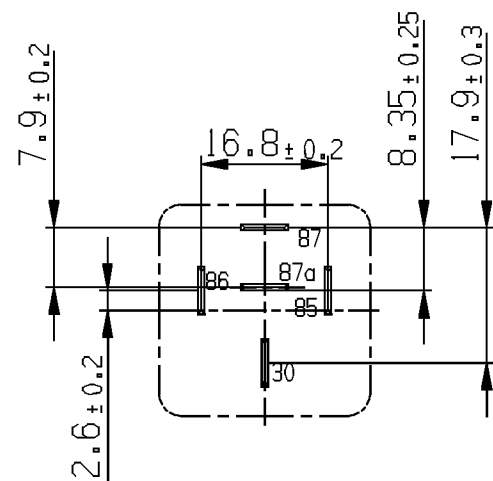
TERMINALS IP 20  
 HOUSING IP 54  
 IN CONNECTION WITH A CONNECTOR HOUSING  
 MOUNTING POSITION: TERMINALS SHALL POINT DOWNWARDS  
 FOR ALL OTHER POSITIONS PROTECTION GROUP IP 20 IS VALID



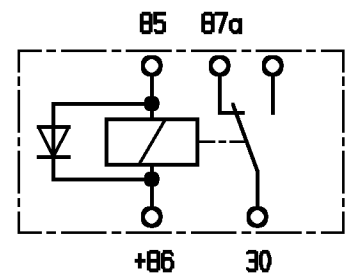
PART	MATERIAL	COLOUR
HOUSING	PA 66 GF 30±10 [%]	GREY
BASE PLATE	PA 66 GF 30±10 [%]	BLACK



TERMINAL CONFIGURATION



WIRING DIAGRAM

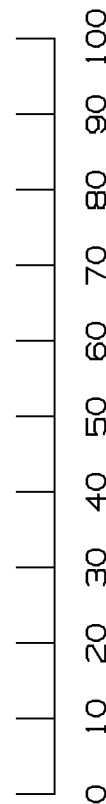


ATTENTION ! POLARITY

TE CONNECTIVITY P/N	REV	PART NUMBER	CUSTOMER P/N	CODE NO	
0-1904020-5		V23234-A0001-X03B			
1-1904020-5					
2-1904020-5					
3-1904020-5					
PROPRIETARY		THE REPRODUCTION, TRANSMISSION OR USE OF THIS DOCUMENT OR IT'S CONTENTS IS NOT PERMITTED WITHOUT EXPRESSED WRITTEN AUTHORITY. OFFENDERS WILL BE LIABLE FOR ALL DAMAGES. ALL RIGHTS, INCLUDING RIGHTS CREATED BY REGISTERED PATENT(S) GRANTED FOR A UTILITY MODEL OR DESIGN, ARE RESERVED.		CHANGES TO THIS DRAWING MUST BE DONE ONLY IN CAD	PAPER SIZE <b>A3</b>
APPLICABLE SPEC.:		FINISH		DIMENSIONS APPLY PLATING	
TOLERANCE UNLESS SPECIFIED OTHERWISE		DIMENSIONS IN MM		SCALE <b>1:1</b>	WEIGHT <b>Ca. 34g</b>
DATE NAME		PART NAME		MATERIAL	
C	ECO-13-017924 14NOV2013 L.Sand DWN.	2006-06-05 P.Tomas		MINI RELAY B	
B	ECO-12-015770 30AUG2012 A.P. APP.			CHANGEOVER 12V 20/30A	
A4	INITIAL VERSION 2007-10-15 P.Tom REV.			PART NO.	
A3	--- 2007-02-23 ---	LOCATION AMR PE EVORA		V23234-A0001-X03B	
A2	--- 2007-02-12 ---			SHT. 1	
A1	--- 2007-02-09 ---			OF 2	
A	--- 2006-11-14 ---				
REV.	CHANGE ORDER DATE APP.	CLASS 3		CUSTOMER DRAWING	



Nominal voltage (load and excitation circuit)	12 V
Permissible operating voltage	8...16 V
Permissible ambient temperature	-40...100 ° C
Response voltage (at 23 ° C)	≤ 8 V
Release voltage (at 23 ° C)	1.2...5.0 V
Response time	≤ 10 ms
Release time	≤ 15 ms
Contact material	Silver based
Equivalent coil resistance at terminal 85-86	85± 5Ω
Changeover contact: Voltage drop at blade terminals at a measuring current of 10 ± 0.5 A	
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 30A on NO	≥ 500.000 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>	
				MATERIAL		PART NAME	
				DATE 2006-06-05		NAME P.Tomas	
C ECO-13-017924 14NOV2013 L.Sand DWN.				MINI RELAY B			
B ECO-12-015770 30AUG2012 A.P. APP.				CHANGEOVER 12V 20/30A			
A4 INITIAL VERSION 2007-10-15 P.Tom REV.							
CB --- 2007-02-23 --- LOCATION AMR PE EVORA							
A2 --- 2007-02-12 ---				PART NO.			
A1 --- 2007-02-09 ---				<b>V23234-A0001-X03B</b>			
A --- 2006-11-14 ---				SHT. <b>2</b>			
REV. CHANGE ORDER DATE APP.				CLASS 3		CUSTOMER DRAWING	
						OF 2	

