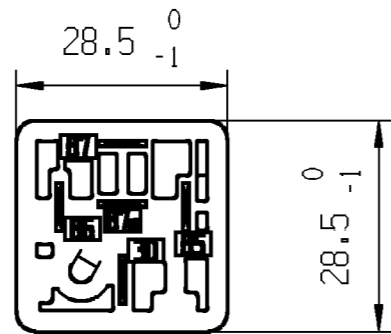


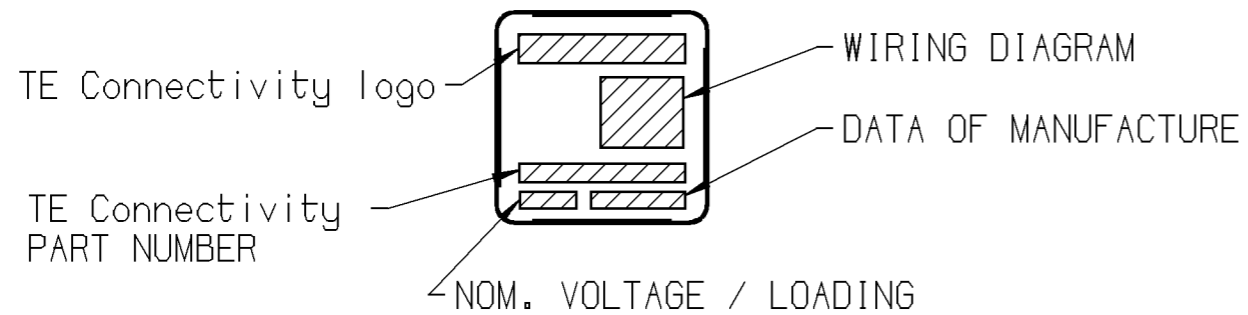
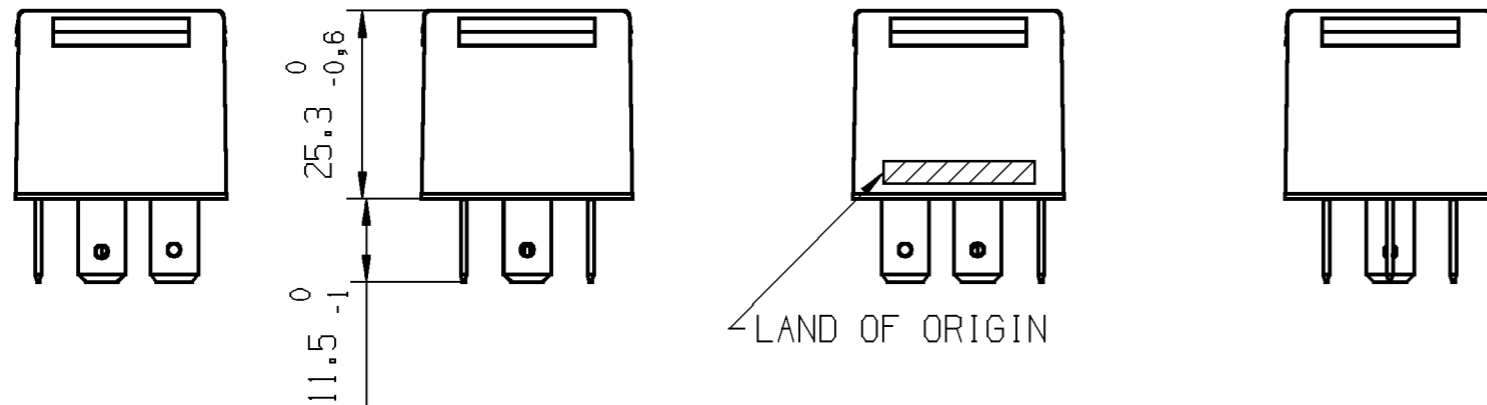
BLADE TERMINALS DIN 46 244-A6,3-0,8-CuZn TIN PLATED
 CUT EDGES WITHOUT TIN PLATING ALLOWED

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

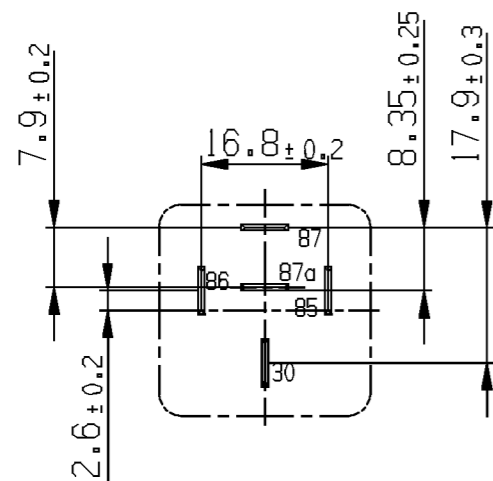
TERMINALS IP 20
 HOUSING IP 54
 IN CONNECTION WITH A CONNECTOR HOUSING
 MOUNTING POSITION: TERMINALS SHALL POINT DOWNWARDS
 FOR ALL OTHER POSITIONS PROTECTION GROUP IP 20 IS VALID



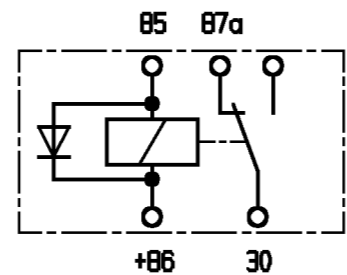
PART	MATERIAL	COLOUR
HOUSING	PA 66 GF 30±10 [%]	GREY
BASE PLATE	PA 66 GF 30±10 [%]	BLACK



TERMINAL CONFIGURATION



WIRING DIAGRAM



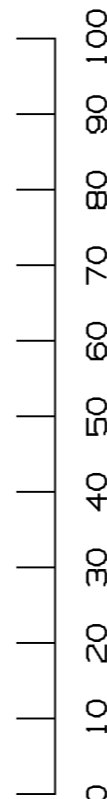
ATTENTION ! POLARITY

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		CHANGES TO THIS DRAWING MUST BE DONE ONLY IN CAD		PAPER SIZE A3
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TOLERANCE UNLESS SPECIFIED OTHERWISE		DIMENSIONS IN MM		DIMENSIONS APPLY PLATING
SCALE 1:1		WEIGHT Ca. 34g		MATERIAL
DATE NAME		PART NAME		
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		DIMENSIONS IN MM		SCALE WEIGHT Ca. 34g
				MATERIAL			
				PART NAME MINI RELAY B CHANGEOVER 12V 20/30A			
				PART NO. V23234-A0001-X03B			
						SHT. 2	
REV. CHANGE ORDER		DATE		APP.		CLASS 3	
				CUSTOMER DRAWING			
				OF 2			

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