

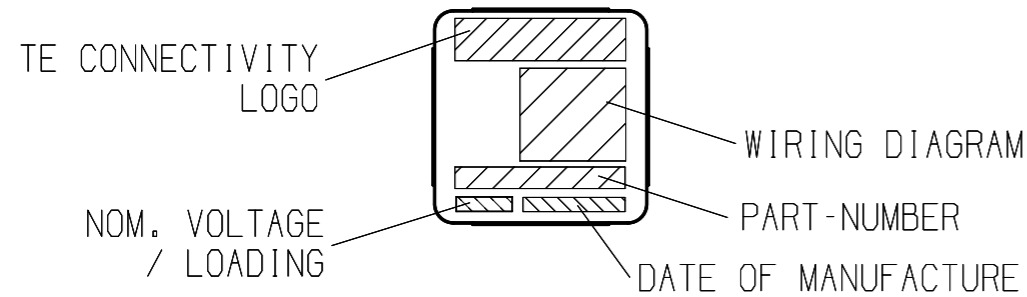
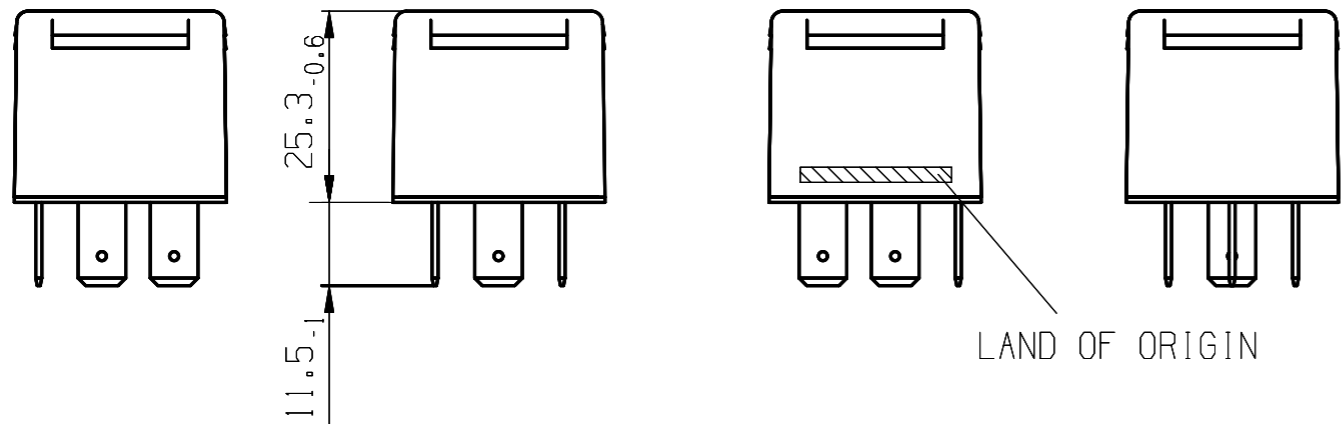
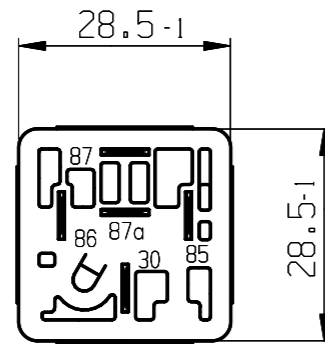
BLADE TERMINALS DIN 46 244-A6,3-0,8

TERMINAL 30 COPPER TIN PLATED
 TERMINAL 85 AND 86 BRASS TIN PLATED
 TERMINAL 87 AND 87a COPPER TIN PLATED

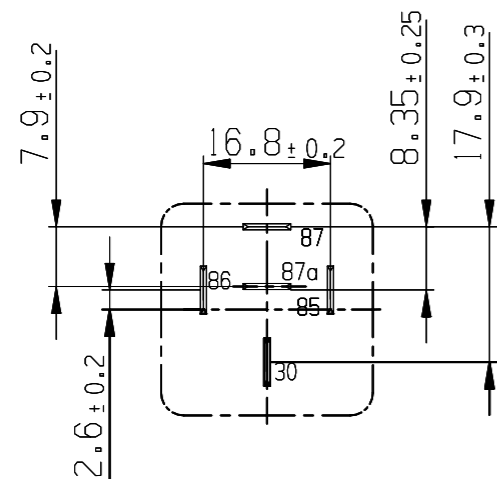
DEGREE OF PROTECTION ACC. TO IEC529 = DIN 40 050 Teil 9

CUT EDGES WITHOUT TIN PLATING ALLOWED

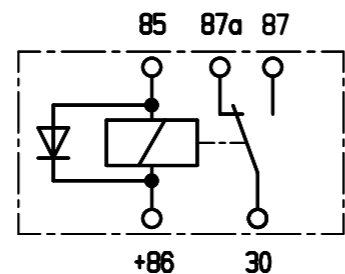
TERMINALS IP 20
 HOUSING IP 5K4
 IN CONNECTION WITH A CONNECTOR HOUSING
 MOUNTING POSITION: TERMINALS SHALL POINT DOWNWARDS



TERMINAL CONFIGURATION



WIRING DIAGRAM



ATTENTION ! POLARITY

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

OBSOLETE BOSCH P/N	TE CONNECTIVITY P/N	REV	PART NUMBER	CUSTOMER P/N
0 332 209 135	0-1904020-1		V23234-A0001-X030	
	1-1904020-1			
	2-1904020-1			
	3-1904020-1			
	4-1904020-1			

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CHANGES TO THIS DRAWING MUST BE DONE ONLY IN CAD

PAPER SIZE **A3**

APPLICABLE SPEC.:

FINISH

DIMENSIONS APPLY PLATING

SCALE **1:1** WEIGHT **Ca. 34g**

MATERIAL

PART NAME

REV.	CHANGE ORDER	DATE	APP.	TOLERANCE UNLESS SPECIFIED OTHERWISE	DATE	NAME	PART NAME
B1	ECO-17-013099	05SEP2017	LSand	DWN.	2006-06-05	P. Tomas	MINI RELAY B CHANGEOVER / 12V
B	ECO-12-005342	19MAR2012	A.P.	APP.			
A4	INITIAL VERSION	2007-10-01	PTom	REV.			
A3	---	2007-03-05	---	LOCATION	AMR PE EVORA		
A2	---	2007-02-22	---				
A1	---	2007-02-02	---				DWG NO.
A	---	2008-11-08	---				V23234-A0001-X030
							SHT. OF 2

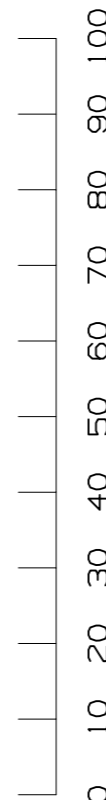


CLASS 3

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 20 ° C)	≤ 8 V
Release voltage (at 20 ° 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 50A on NO	≥ 50.000 cycles
Resistive Load 30A on NO	≥ 100.000 cycles
Resistive Load 20A on NC	≥ 50.000 cycles



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APPLICABLE SPEC.:				FINISH			
TOLERANCE UNLESS SPECIFIED OTHERWISE				DIMENSIONS IN MM		DIMENSIONS APPLY PLATING	
SCALE 1:1				WEIGHT Ca. 34g			
MATERIAL				PART NAME MINI RELAY B CHANGEOVER / 12V			
DATE NAME B1 ECO-17-013099 05SEP2017 LSand DWN. 2006-06-05 P. Tomas B ECO-12-005342 19MAR2012 A.P. APP. A4 INITIAL VERSION 2007-10-01 PTom REV. A3 --- 2007-03-03 --- LOCATION AMR PE EVORA A2 -- 2007-02-22 --- A1 --- 2007-02-02 --- A --- 2008-11-08 ---				DWG NO. V23234-A0001-X030		SHT. 2 OF 2	
REV. CHANGE ORDER		DATE		APP.		CLASS 3	
CUSTOMER DRAWING				CLASS 3			

