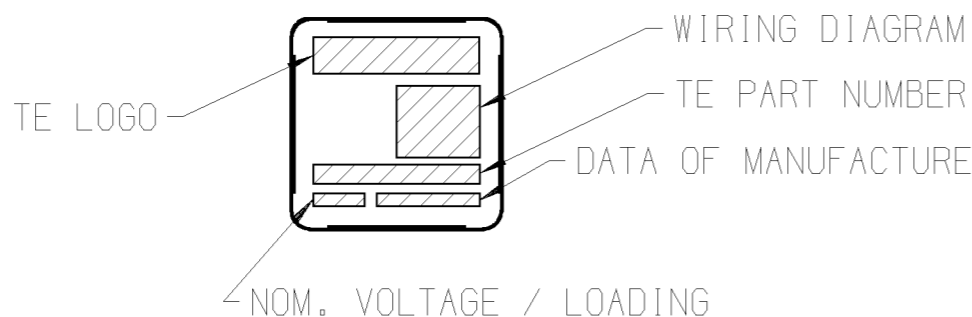
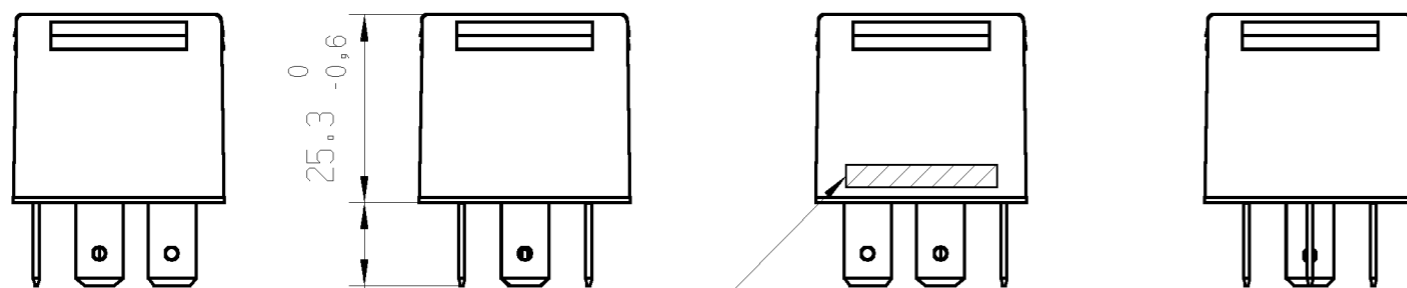
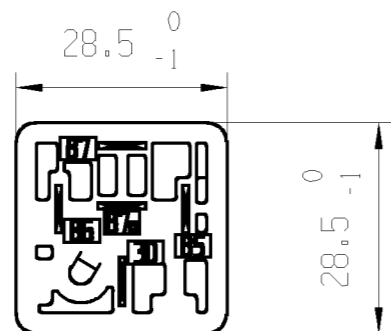


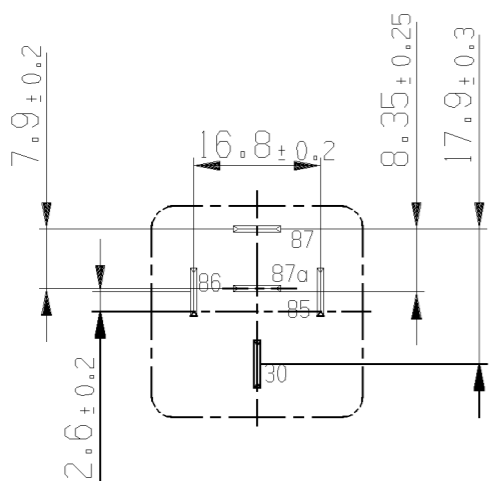
BLADE TERMINALS DIN 46 244-A6,3-0,8
 TERMINALS 30, 87, 87a COPPER TIN PLATED
 TERMINALS 85 AND 86 BRASS TIN PLATED
 CUT EDGES WITHOUT TIN PLATING ALLOWED.

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

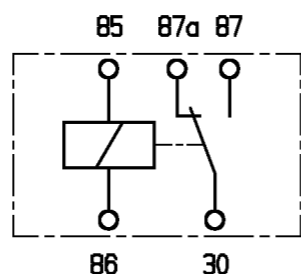
TERMINALS IP 20
 HOUSING IP 54
 IN CONNECTION WITH A CONNECTOR HOUSING
 MOUNTING POSITION: TERMINALS SHALL POINT DOWNWARDS
 FOR ALL OTHER POSITIONS PROTECTION GROUP IP 20 IS VALID



TERMINAL CONFIGURATION



WIRING DIAGRAM



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
0 332 209 156	0-1904020-7		V23234-A0001-X040	12033862
	1-1904020-7			
	2-1904020-7			
	3-1904020-7			
	4-1904020-7			
	5-1904020-7			
	6-1904020-7			
	7-1904020-7			
	8-1904020-7			

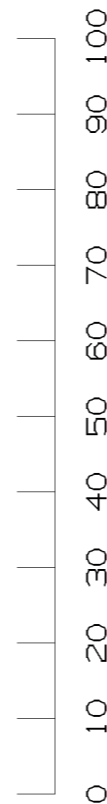
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APPLICABLE SPEC.:			FINISH	
TOLERANCE UNLESS SPECIFIED OTHERWISE			DIMENSIONS APPLY	PLATING
DIMENSIONS IN MM			SCALE 1:1	WEIGHT Ca. 34g
DATE NAME DWN. 2006-06-05 P. Tomas			PART NAME MINI RELAY B CHANGEOVER 12V 20/30A	
DATE NAME A1 -- 2006-11-13 --			PART NO. V23234-A0001-X040	
DATE NAME A -- 2006-09-11 --			SHT. 1	
REV. CHANGE ORDER DATE APP.			CUSTOMER DRAWING V23234-A0001-X040	
			OF 2	



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 ≤ 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 ≤ 80mV, Max. 300mV
 After life test Typically ≤ 150mV, Max. 300mV
 Normally Closed Contact, Terminal 30-87a
 In new condition Typically ≤ 100mV, Max. 300mV
 After life test Typically ≤ 150mV, Max. 300mV

12 V
 8...16 V
 -40...100 ° C
 ≤ 8 V
 1.2...5.0 V
 ≤ 10 ms
 ≤ 10 ms
 Silver based
 85± 5Ω

Typically ≤ 80mV, Max. 300mV
 Typically ≤ 150mV, Max. 300mV
 Typically ≤ 100mV, Max. 300mV
 Typically ≤ 150mV, Max. 300mV



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APPLICABLE SPEC. #				FINISH			
				DIMENSIONS APPLY		PLATING	
				TOLERANCE UNLESS SPECIFIED OTHERWISE		DIMENSIONS IN MM	
				SCALE 1:1		WEIGHT Ca. 34g	
				MATERIAL			
				PART NAME			
				MINI RELAY B CHANGEOVER 12V 20/30A			
				PART NO.			
				V23234-A0001-X040			
				SHT. 2 OF 2			
REV. CHANGE ORDER				DATE		APP.	
CUSTOMER DRAWING							

