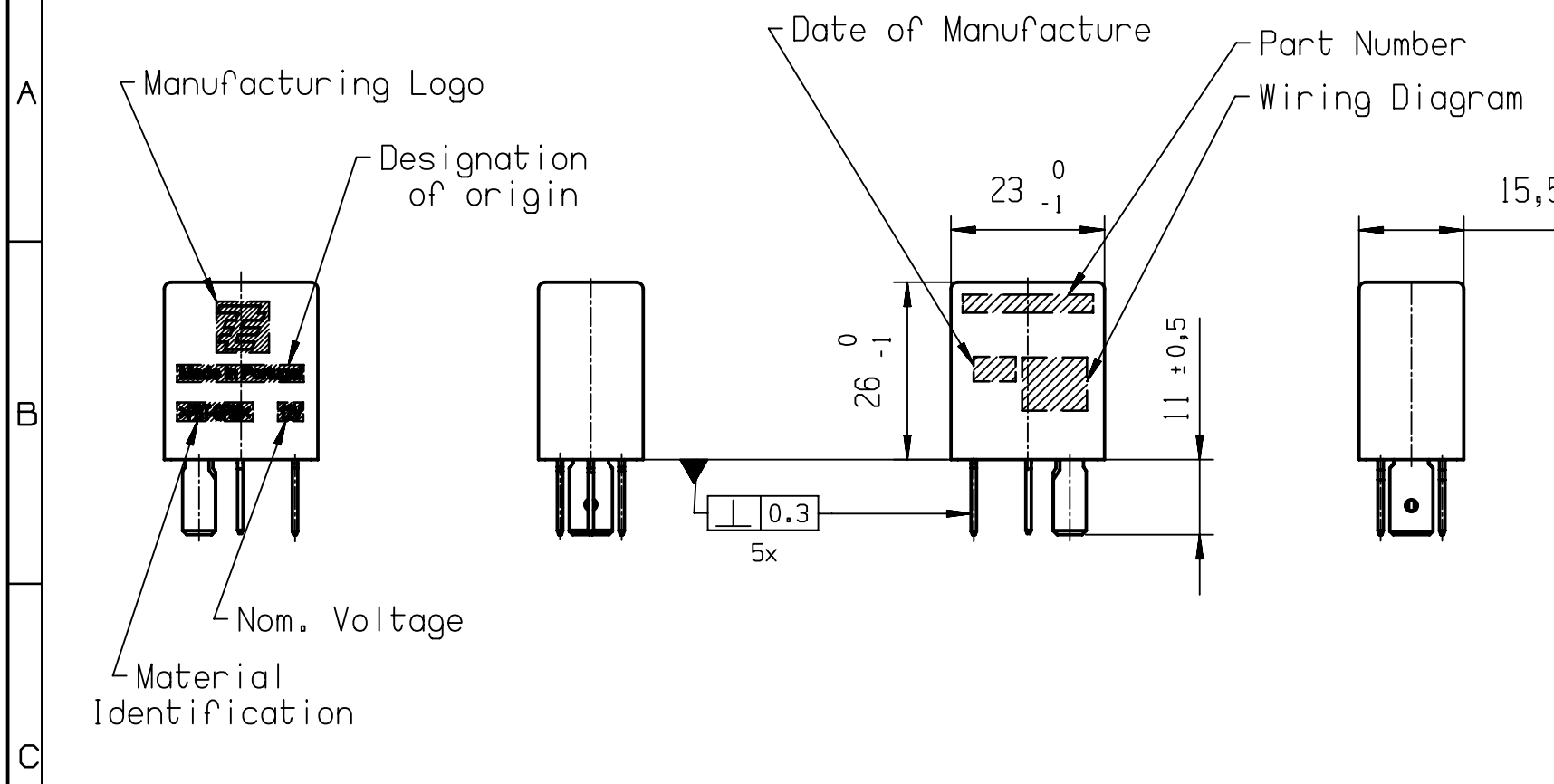


1 2 3 4 5 6 7 8



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

TERMINALS IP 20
 HOUSING IP 5K4
 IN CONNECTION WITH A SOCKET HOUSING
 MOUNTING POSITION: TERMINALS SHALL POINT DOWNWARDS
 FOR ALL OTHER POSITIONS PROTECTION GROUP IP 20 IS VALID

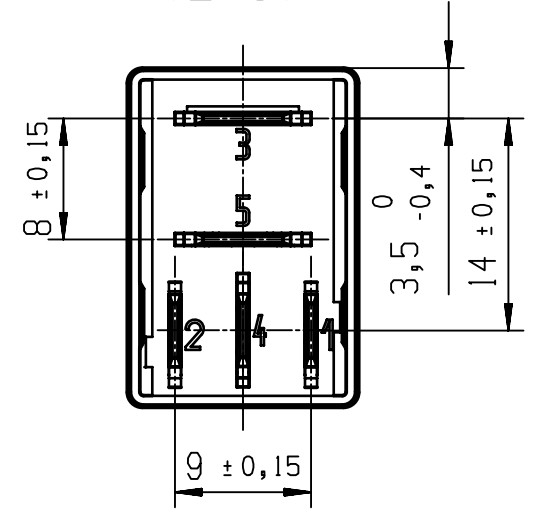
PART	MATERIAL	COLOUR
HOUSING	PBT 30 ± 10 [%] GF	BLACK
BASE PLATE	PBT 30 ± 10 [%] GF	BLACK

BLADE TERMINALS

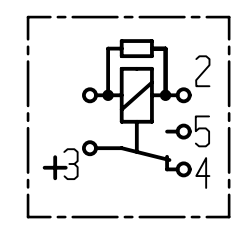
- 1,2,4: BLADE TERMINAL ISO 8092 4,8-0,8-CuZn
- 5 : BLADE TERMINAL ISO 8092 6,3-0,8-CuZn
- 3 : BLADE TERMINAL ISO 8092 6,3-0,8-St3 LG BK, TIN PLATED

Terminal Configuration

(2:1)



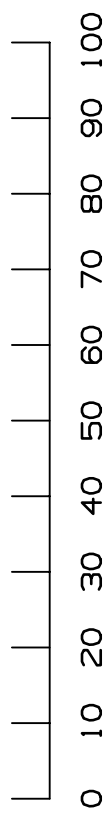
WIRING DIAGRAM



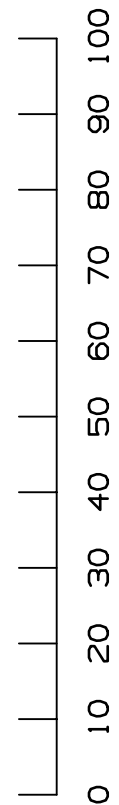
D
E
F

1 2 3 4 5 6 7 8

OBSOLETE BOSCH P/N	PART NUMBER	REV	REFERENCE NUMBER	CUSTOMER P/N	CODE NO
0 332 201 107	0-1904005-4		V23374-A1601-X008		
	1-1904005-4				
	2-1904005-4				
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APPLICABLE SPEC.:			FINISH DIMENSIONS APPLY PLATING		SCALE 1:1 WEIGHT apr. 20g
TOLERANCE UNLESS SPECIFIED OTHERWISE			DIMENSIONS IN MM		MATERIAL
DATE NAME			PART NAME		MICRO RELAY 3 CHANGEOVER 12V
B2	ECN-21-121388	02DEC2021 HMF DWN.	2006-05-23 P. Tomas		
B1	ECO-19-017016	07NOV2019 HMF APP.			
B	ECO-12-013330	19JUL2012 A.P. REV.			
A5	ECO-09-020789	10SEP2009 A.P.	LOCATION AMR PE EVORA		
A4	ECO-07-021329	2007-09-11 PTom			
A3	---	2006-09-29 ---			DWG NO. V23374-A1601-X008-CD
A2	---	2006-09-14 ---			
REV. CHANGE ORDER		DATE	APP.	SHT. 1 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)	≅ 0.5 V
Response time	≅ 10 ms
Release time	≅ 10 ms
Contact material	Silver based
Equivalent coil resistance	75± 6 Ω
Voltage drop at blade terminals at a measuring current of 10± 0.5 A	
At NO contact when new	Typically ≅ 50 mV, max. 300mV
At NO contact after specified number of switching operations	Typically ≅ 100 mV, max. 300mV
At NC contact when new	Typically ≅ 50 mV, max. 300mV
At NC contact after specified number of switching operations	Typically ≅ 200 mV, max. 300mV
Electrical endurance	
Resistive Load 30A on NO	≅ 100.000 cycles
Resistive Load 22A on NO	≅ 200.000 cycles
Resistive Load 10A on NC	≅ 100.000 cycles
Resistive Load 5A on NC	≅ 200.000 cycles



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