



WE RESERVE THE RIGHT TO MAKE ALTERATIONS IN DESIGNATIONS
 COVER AND BASE OF
 POLYAMID GLASSFIBER REINFORCED, DULL BLACK
 FLAT CONNECTORS 6,3x0,8 ACC. DIN 46 244
 BRASS W/O PLATING SUITABLE FOR TWIN CONNECTOR
 HOUSING E:8: AMP NO. 180 907
 PROTECTION GROUP ACC. DIN 40 050, TO PAGE 9
 TERMINALS : IP00
 HOUSING : IP54
 TERMINALS SHALL POINT DOWNWARDS

| | | | | | |
|--|---------|--|---------|-------------------------------------|--|
| BOSCH P/N 0 332 002 256 | | CHANGES TO THIS DRAWING MUST BE DONE ONLY IN CAD | | PAGE SIZE A2 | |
| RESTRICTED TO: BOSCH | | DIMENSIONS APPLY SCALE 2:1 | | FLATING WEIGHT 85,8 | |
| APPLICABLE SPEC.: THE REPRODUCTION OR USE OF THIS DOCUMENT OR ITS CONTENTS FOR ANY PURPOSES WITHOUT THE WRITTEN PERMISSION OF BOSCH IS PROHIBITED. ALL RIGHTS, INCLUDING PATENT RIGHTS, ARE RESERVED. | | FINISH | | CUSTOMER DRAWING of 2 | |
| TOLERANCE SPECIFIED IN mm | | DIMENSIONS IN mm | | PART NAME POWER RELAY 24V 50A | |
| DATE | NAME | DATE | NAME | PART NO. | |
| 02/15/2015 | F. SILL | 28/03/2015 | F. SILL | 981. | |
| APP. | REV. | LOC. | TE. | 981. | |
| | | TE. | EVORA | 981. | |
| B I EOD-15-012670 05/06/2015 F. SILL | | A INITIAL VERSION 28/03/2015 F. SILL | | 981. | |
| B EOD-15-010256 13/04/2015 F. SILL | | A INITIAL VERSION 28/03/2015 F. SILL | | 981. | |
| REV. CHANGE ORDER | | DATE | | APP. | |
| 9 | | 10 | | 11 | |



TECHNICAL DATA

| | |
|--|-------------------------|
| Nominal voltage (load and excitation circuit) | 24V |
| Operating voltage range | 16...32 V |
| Permissible ambient temperature | -40...100° C |
| Pull in voltage | max. 17V |
| Drop out voltage | min. 4V |
| Coil Resistance | 130± 10% Ohm |
| Resistor in parallel with coil | 510± 10% Ohm |
| Equivalent resistance between terminals 85 and 86 | 104± 10% Ohm |
| Response time (in new condition) | max. 10ms |
| Drop out time (in new condition) | max. 15ms |
| Voltage drop at nominal current measured at NO-contact 30/87 when new | max. 100mV at 50A |
| Voltage drop at nominal current measured at NO-contact 30/87 after life test | max. 200mV at 50A |
| Degree of protection for housing in general | IP 54 |
| Degree of protection for terminals in general | IP 00 |
| Resistive Load current/cycles with a duty cycle (ON-OFF): 2s - 2s | 50A min., 50.000 cycles |



| | | | | | |
|---|------|--|------|---------------------------------|--|
| PROPRIETARY THE REPRODUCTION, TRANSMISSION OR USE OF THIS DOCUMENT OR ITS CONTENTS WITHOUT THE WRITTEN PERMISSION OF THE INVENTOR OR ITS OFFICERS WILL BE LIABLE FOR ALL DAMAGES, INCLUDING REASONABLE ATTORNEY'S FEES AND COSTS. ALL RIGHTS, INCLUDING PATENT RIGHTS, ARE RESERVED. | | CHANGES TO THIS DRAWING MUST BE DONE ONLY IN CAD | | PART SIZE A2 | |
| FINISH | | | | | |
| DIMENSIONS APPLY | | SCALE | | FLATING | |
| TOLERANCE UNLESS SPECIFIED OTHERWISE | | MATERIAL | | WEIGHT 85.9 | |
| RESTRICTED TO: BOSCH | | DIMENSIONS IN MM | | PART NAME POWER RELAY | |
| DATE | NAME | DATE | NAME | PART NO. 24V 50A | |
| 28.03.2015 | F-SH | 28.03.2015 | F-SH | SHIT. 2 | |
| APP. | REV. | APP. | REV. | LOCATION IE-PE-EVORA | |
| | | | | PART NO. 2 | |
| | | | | INITIAL VERSION 28.03.2015 F-SH | |
| | | | | INITIAL VERSION 28.03.2015 F-SH | |
| | | | | REV. CHANGE ORDER DATE APP. | |
| | | | | CUSTOMER DRAWING OF 2 | |

12 11 10 9 8 7 6 5 4 3 2 1

A B C D E F G H