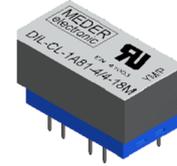
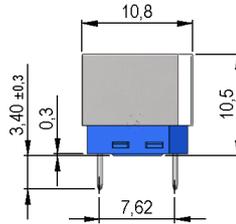
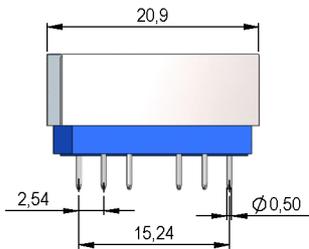


Preliminary Datasheet

Dimensions mm[inch]
 tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m

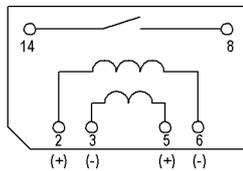
Isometric

Scale 1:2
 Maßstab 1:2



Layout

Top view
 Draufsicht



Marking

according to EN60062/factory code
 gem. EN60062/Fertigungsstätte



| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|--------------------|------------|-----|-----|-----|------|
| Coil resistance S1 | | 3,6 | 4 | 4,4 | Ohm |
| Coil resistance S2 | | 3,6 | 4 | 4,4 | Ohm |
| Coil current | | | | 429 | mA |
| Pull-In current | | | | 15 | mA |
| Drop-Out current | | 5 | | | mA |

| Contact data 87 | Conditions | Min | Typ | Max | Unit |
|---------------------------|---|-----|-----|-----|------|
| Contact rating | Any DC combination of V & A not to exceed their individual max.'s | | | 10 | W |
| Switching voltage | DC or Peak AC | | | 200 | V |
| Switching current | DC or Peak AC | | | 0,4 | A |
| Carry current | DC or Peak AC | | | 0,5 | A |
| Contact resistance static | Measured with 40% overdrive Start Value | | | 200 | mOhm |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|------------------------------------|------------------------------------|------|-----|--|-------|
| Number of contacts | | | | 1 | |
| Contact - form | | | | A - NO | |
| Dielectric Strength Coil/Contact | according to IEC 255-5 | 4,25 | | | kV DC |
| Insulation resistance Coil/Contact | RH <45%, 200 VDC measuring voltage | 10 | | | GOhm |
| Insulating voltage coil1/coil2 | | 100 | | | VDC |
| Case colour | | | | blue | |
| Housing material | | | | PBT glass fibre reinforced + metal cover | |
| Sealing compound | | | | Polyurethan | |
| Connection pins | | | | Copper alloy tin plated | |
| Magnetic Shield | | | | yes | |
| Reach / RoHS conformity | | | | yes | |



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Item No.:

1318144018

Item:

DIL-CL-1A81-4/4-18M

Preliminary Datasheet

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------|------------------------------------|-----|-----|-----|--------------|
| Shock | 1/2 sine, duration 11ms, in 3 axis | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Operating temperature | | -20 | | 55 | °C |
| Storage temperature | | -20 | | 55 | °C |
| Soldering temperature | wave soldering max. 5 sec. | | | 260 | °C |
| Washability | | | | | fully sealed |

| General data | Conditions | Min | Typ | Max | Unit |
|--------------|------------|-----|-----|-----|---------------------------|
| Total weight | | | 5,2 | | g |
| Packaging | | | | | plastic tube 24 pcs./each |

Modifications in the sense of technical progress are reserved

Designed at: 12.07.07 Designed by: WKOVACS

Approval at: 09.02.11 Approval by: CRUF

Last Change at: 15.06.15 Last Change by: WKOVACS

Approval at: Approval by:

Version: 05