



MD 250-22Z

- Metal enclosure

Data

Ordering data

Product type description	MD 250-22Z
Article number (order number)	101058108
EAN (European Article Number)	4030661030920
eCl@ss number, version 12.0	27-27-06-01
eCl@ss number, version 11.0	27-27-06-01
eCl@ss number, version 9.0	27-27-06-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates	cULus CCC
--------------	--------------

General data

Standards	EN IEC 60947-5-1
Housing material	Grey cast iron, galvanised
Housing coating material	painted
Gross weight	3,970 g

General data - Features

Number of normally closed (NC)	2
--------------------------------	---

Number of normally open (NO)	2
------------------------------	---

Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	2,000,000 Operations
---	----------------------

Mechanical data

Mechanical life, minimum	10,000,000 Operations
--------------------------	-----------------------

Impact energy, maximum	7 J
------------------------	-----

Contact opening	2 x 2.5 mm
-----------------	------------

Actuating speed, maximum	1 m/s
--------------------------	-------

Mechanical data - Connection technique

Cable entry	2 x M25 x 1.5
-------------	---------------

Cable section, maximum	2.5 mm ²
------------------------	---------------------

Note	All indications including the conductor ferrules.
------	---

Terminal (mechanical)	Screw connection
-----------------------	------------------

Ambient conditions

Degree of protection	IP65
----------------------	------

	IP66
--	------

	IP67
--	------

Ambient temperature	-20 ... +60 °C
---------------------	----------------

Ambient conditions - Insulation values

Rated impulse withstand voltage U _{imp}	6 kV
--	------

Electrical data

Thermal test current	16 A
Required rated short-circuit current	1,000 A
Switching principle	Snap action
Bounce duration, maximum	5 ms
Maximum switching frequency	3,000 /h
Switchover time, maximum	35 ms
Material of the contacts, electrical	Gold-plated silver (AgNi 15 + Au 0,3µm)

Electrical data - Contacts

Voltage, Utilisation category AC-15	400 VAC
Current, Utilisation category AC-15	4 A

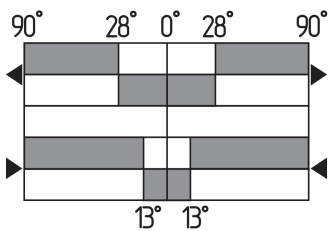
Pictures

Product picture (catalogue individual photo)



ID: kt250f01
| 861.9 kB | .jpg | 352.425 x 547.511 mm - 999 x 1552 px - 72 dpi
| 62.4 kB | .png | 74.083 x 115.006 mm - 210 x 326 px - 72 dpi
| 41.8 kB | .jpg | 79.375 x 123.472 mm - 225 x 350 px - 72 dpi

Switch travel diagram



ID: kt250s06
| 58.3 kB | .ai | 297 x 210.002 mm - 841 x 595 px - 72 dpi
| 1.3 kB | .png | 74.083 x 52.564 mm - 210 x 149 px - 72 dpi
| 77.0 kB | .jpg | 352.778 x 260.703 mm - 1000 x 739 px - 72 dpi