



AZ 16 ZVRK-M16

- 3 cable entries M 16 x 1.5
- LED version available
- Large wiring compartment
- Thermoplastic enclosure
- Double-insulated
- 52 mm x 90 mm x 30 mm
- Universal coding
- Long life
- High level of contact reliability with low voltages and currents
- Insensitive to soiling
- Slotted holes for adjustment, circular holes for location

Data

PM_TYPE_NAME	AZ 16 ZVRK-M16
PM_ORDER_NUMBER	101152094
SAP_EAN	4030661164700
CODE_ECLASS_V09P0	27-27-26-02
CODE_ECLASS_V11P0	27-27-26-02
CODE_ECLASS_V12P0	27-27-26-02
CODE_ETIM_V07P0	EC002592
CODE_ETIM_V06P0	EC002592

PNV_NORM_CERTIFICATION	TÜV cULus CCC EAC
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NORM_STANDARDS	EN ISO 13849-1 EN ISO 14119 EN IEC 60947-5-1
CODE_CODING_LEVEL_ISO14119	Low
MATERIAL_HOUSING	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
MATERIAL_CONTACT_ELECTRICAL	Silver
SAP_WEIGHT_GROSS	115

NUMBER_OF_AUXILIARY_CONTACT	1
NUMBER_OF_CABLE_BUSHING	3
NUMBER_OF_SAFETY_CONTACT	1

SAFETY_NORM_STANDARDS	EN ISO 13849-1
SAFETY_MISSION_TIME	20

SAFETY_B10D_NC	2,000,000
SAFETY_B10D_NO	1,000,000
NOTES_SAFETY_B10D_NO	at 10% I_e and ohmic load

DESIGN_MECHANICAL_LIFETIME_SWC_MIN	1,000,000
FORCE_LATCHING	30
DIM_POSITIVE_BREAK_TRAVEL	8
FORCE_POSITIVE_BREAK_PER_NC_MIN	10
MOTION_ACTUATING_SPEED_MAX	2

REVIEW_ELEC_DATA_WIRING_GENERAL	Screw terminals
DESIGN_CABLE_ENTRY	3 x M16 x 1,5
ELEC_DATA_CABLE_SECTION_MIN	0.25 mm ²
ELEC_DATA_CABLE_SECTION_MAX	2.5 mm ²

NOTES_ELEC_DATA_CABLE_SECTION

All indications including the conductor ferrules.

DIM_LENGTH_SENSOR	30
DIM_WIDTH_SENSOR	52
DIM_HEIGHT_SENSOR	90

DESIGN_IP_CODE_GENERAL	IP67
TEMP_AMBIENT_MIN	-30
TEMP_AMBIENT_MAX	+80
TEMP_STORAGE_AND_TRANSPORT_MIN	-40
TEMP_STORAGE_AND_TRANSPORT_MAX	+85
DIM_HEIGHT_OPERATING_ALTITUDE_MAX	2,000

VOLTAGE_RATED_INSULATION	500 V
VOLTAGE_RATED_IMPULSE_WITHSTAND	6
DESIGN_OVERVOLTAGE_CAT_IEC60664_1_ROMAN	III
DESIGN_DEGREE_OF_POLLUTION_IEC60664_1	3

CURRENT_THERMAL_CONTINUOUS	10
CURRENT_REQUIRED_RATED_SHORT_CIRCUIT	1,000
REVIEW_DESIGN_CONTROL_ELEMENT	NO contact, NC contact
DESIGN_SWITCHING	slow action, positive break NC contact
TIME_FREQUENCY_OF_OPERATION_MAX	4,000

VOLTAGE_UTILISATION_CAT_AC15_SAFE_CONT	230
CURRENT_UTILISATION_CAT_AC15_SAFE_CONT	4
VOLTAGE_UTILISATION_CAT_DC13_SAFE_CONT	24
CURRENT_UTILISATION_CAT_DC13_SAFE_CONT	4

VOLTAGE_UTILISATION_CAT_AC15_CONT_SUB	230
CURRENT_UTILISATION_CAT_AC15_CONT_SUB	4
VOLTAGE_UTILISATION_CAT_DC13_CONT_SUB	24
CURRENT_UTILISATION_CAT_DC13_CONT_SUB	4

SCOPE_OF_DELIVERY_GENERAL Actuators must be ordered separately.

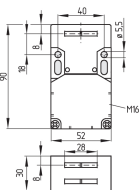
Pictures

Product picture (catalogue individual photo)



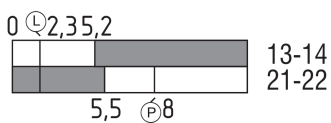
ID: kaz16f01
 | 471.8 kB | .jpg | 165.806 x 268.817 mm - 470 x 762 px - 72 dpi
 | 115.4 kB | .png | 74.083 x 119.944 mm - 210 x 340 px - 72 dpi

Dimensional drawing basic component



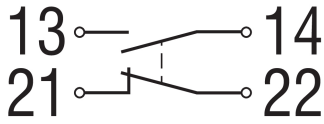
ID: 1az16g01
 | 28.1 kB | .cdr |
 | 3.1 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
 | 62.3 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 px - 72 dpi

Switch travel diagram



ID: kaz16s01
 | 19.8 kB | .cdr |
 | 2.0 kB | .png | 74.083 x 25.753 mm - 210 x 73 px - 72 dpi
 | 52.0 kB | .jpg | 352.778 x 123.119 mm - 1000 x 349 px - 72 dpi

Diagram



ID: k1o1sk01

| 52.2 kB | .jpg | 352.778 x 143.581 mm - 1000 x 407 px - 72 dpi

| 2.6 kB | .png | 74.083 x 29.986 mm - 210 x 85 px - 72 dpi

Schmersal Ltd., Sparrowhawk Close, WR14 1GL Malvern

The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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