

ATEX RATED SWITCH DISCONNECTORS

30550

Aluminium 3-Pole, 16A A2EX 2XM25PEX KST16MEX

- Conform to EN 60079-0, EN 60079-31, and Directive 2014/34/EU
- Suitable for use in Zone 22
- IP66
- Temperature range from -20C to 40C



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

| | |
|-----------------------------|--------|
| Rated insulation voltage Ui | 800 V |
| Rated thermal current, Ith | 25 A |
| Terminals / Bolt size Cu | 1.5-16 |

RATED OPERATIONAL CURRENT, IE

| | |
|---|------|
| Operational current - AC-21A - 400/415V | 25 A |
| Operational current - AC-21A - 500V | 25 A |
| Operational current - AC-21A - 690V | 25 A |
| Operational current - AC-22A - 400/415V | 16 A |
| Operational current - AC-22A - 500V | 16 A |
| Operational current - AC-22A - 690V | 16 A |
| Operational current - AC-23A - 400/415V | 16 A |
| Operational current - AC-23A - 500V | 16 A |
| Operational current - AC-23A - 690V | 16 A |

RATED FUSED SHORT CIRCUIT CURRENT

| | |
|---|------|
| R.M.S value, IK | 50 |
| Rated impulse withstand voltage Uimp | 8 kV |
| Rated short circuit making capacity at 690V, Icm | 2.5 |
| Rated short time withstand current at 690V (1 s), Icw | 1.7 |

RATED BREAKING CAPACITY, ICN

| | |
|---------------------------------------|-------|
| Breaking capacity - AC-23A - 400/415V | 128 A |
| Breaking capacity - AC-23A - 500V | 128 A |
| Breaking capacity - AC-23A - 690V | 128 A |

ADDITIONAL DETAILS

| | |
|----------------------|-------|
| Electrical endurance | 3000 |
| Mechanical endurance | 50000 |
| Max terminal torque | 1.8 |

