



# 591.AEM2502

## SWITCH DISCONNECTOR

25A 2P IP66 202x232x142mm II 2GD  
EMERGENCY GREY

Product Approvals

| TECHDATA                   |                         | STANDARDS AND LAWS   |   |
|----------------------------|-------------------------|----------------------|---|
| Commercial series          | ISOLATORS-EX[GD] Series | EN 60947-3 (2009)    | [European Standard] Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units |
| Type of product            | SWITCH DISCONNECTOR     | EN 60947-1 (2007)    | [European Standard] Low-voltage switchgear and controlgear - Part 1: General rules  |
| Synthetical description    | SWITCH DISCONNECTOR     | EN 60947-1/A1 (2011) | [European Standard] Low-voltage switchgear and controlgear - Part 1: General rules  |
| Material                   | DIE-CAST ALUMINIUM      | EN 60947-3/A1 (2012) | [European Standard] Low-voltage switchgear and controlgear Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units   |
| Protection degree IP       | IP66                    | EN 60079-31 (2014)   | [European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"  |
| Type                       | EMERGENCY               | IEC 60079-31 (2013)  | [International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"                                 |
| Colour                     | GREY                    | EN 60947-1/A2 (2014) | [European Standard] Low-voltage switchgear and controlgear - Part 1: General rules  |
| Rated current              | 25A                     | EN 60947-3/A2 (2015) | [European Standard] Low-voltage switchgear and controlgear Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units   |
| Poles                      | 2P                      | EN 60079-1 (2014)    | [European Standard] Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'                                    |
| Dimensions                 | 202x232x142mm           | EN 60079-7 (2015)    | [European Standard] Explosive atmospheres. Equipment protection by increased safety "e"   |
| Group and categories EX    | II 2GD                  | IEC 60079-1 (2014)   | [International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d".                                   |
| Ambient temperature Ta min | -35 °C                  | IEC 60079-0 (2017)   | [International Standard] Explosive atmospheres - Part 0: Equipment - General requirements   |
| Ambient temperature Ta max | 60 °C                   |                      |   |

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|------------------------------|--|
| IEC 60079-7 (2017)           | [International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e". |
| EN 60079-7 (2018)            | [European Standard] Explosive atmospheres. Equipment protection by increased safety "e"                |
| EN 60079-0 (2018)            | [European Standard] Explosive atmospheres. General requirements.                                       |
| DIRECTIVE ATEX<br>2014/34/UE | [European Directives] Atmosphere Explosive   |