



Installation: hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)
Classification: Group II - Category 2G 2D



REFERENCE STANDARDS

Directive 2014/34/EU

| | |
|---------------------------------|--|
| EXECUTION | ⊗ II 2 G Ex d IIC T6/T5 Gb ⊗ II 2 D Ex tb IIIC T85°C/ T100°C Db |
| RULES OF COMPLIANCE | EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-31 |
| EC Type-Examination Certificate | INERIS 04 ATEX 0076X |
| PROTECTION DEGREE | IP66 |
| AMBIENT TEMPERATURE | -60°C ÷ +60°C |
| OTHER AVAILABLE CERTIFICATES | IECEX: IECEX INE 11.0033X INMETRO: CEPTEL 13.2255X EAC: TC RU C-IT.BH02.B.00608 RUSSIAN MARINE CERTIFICATE (RMRS): 13.03520.315 |

Mechanical characteristics

| | |
|--------|--|
| Body | marine grade copper free aluminium light alloy |
| Cover | marine grade copper free aluminium light alloy |
| Screws | stainless steel |
| Gasket | NBR rubber sealing ring |



On Request Accessories:

- External epoxy painting with colour on request
- Different threads from standards

Technical Features

| CODE | A [mm] | B [mm] | C [mm] | D [mm] | ØE [mm] | TEMPERATURE CLASS (GAS) | TEMPERATURE CLASS (DUSTS) | WEIGHT [Kg] | DETAIL |
|----------|--------|--------|--------|--------|---------|-------------------------|---------------------------|-------------|--------|
| EFSC2... | 120 | 135 | 95 | 55 | GK 3/4" | T6 / T5 | T85°C / T100°C | 0,90 | A |
| EFSC3... | 140 | 150 | 100 | 80 | GK 1" | T6 / T5 | T85°C / T100°C | 0,90 | B |
| EFSC5... | 165 | 170 | 150 | 115 | - | T6 / T5 | T85°C / T100°C | 1,80 | C |

| CODE ON/OFF SWITCHES 500V 50/60Hz | | | | RATE [In] | DETAIL |
|-----------------------------------|----------|----------|----------|-----------|--------|
| 1 POLE | 2 POLES | 3 POLES | 4 POLES | | |
| | | | | | |
| EFSC21 | EFSC22 | EFSC23 | - | 16A | A |
| EFSC3125 | EFSC3225 | EFSC3325 | EFSC3425 | 25A | B |
| EFSC5125 | EFSC5225 | EFSC5325 | EFSC5425 | 25A | C |
| EFSC3132 | EFSC3232 | EFSC3332 | EFSC3432 | 32A | B |
| EFSC5132 | EFSC5232 | EFSC5332 | EFSC5432 | 32A | C |

| CODE TWO WAY SWITCHES 500V 50/60Hz | | | | RATE [In] | DETAIL |
|------------------------------------|-----------|-----------|---------|-----------|--------|
| 1 POLE | 2 POLES | 3 POLES | 4 POLES | | |
| | | | | | |
| EFSC21D | EFSC22D | - | - | 16A | A |
| EFSC3125D | EFSC3225D | EFSC3325D | (1) | 25A | B |
| EFSC5125D | EFSC5225D | EFSC5325D | (1) | 25A | C |
| EFSC3132D | EFSC3232D | EFSC3332D | (1) | 32A | B |
| EFSC5132D | EFSC5232D | EFSC5332D | (1) | 32A | C |

(1): On request only

| CODE CHANGE OVER SWITCHES 500V 50/60Hz | | | | RATE [In] | DETAIL |
|--|-----------|-----------|---------|-----------|--------|
| 1 POLE | 2 POLES | 3 POLES | 4 POLES | | |
| | | | | | |
| EFSC21C | EFSC22C | - | - | 16A | A |
| EFSC3125C | EFSC3225C | EFSC3325C | (1) | 25A | B |
| EFSC5125C | EFSC5225C | EFSC5325C | (1) | 25A | C |
| EFSC3132C | EFSC3232C | EFSC3332C | (1) | 32A | B |
| EFSC5132C | EFSC5232C | EFSC5332C | (1) | 32A | C |

(1): On request only

| SELECTOR SWITCHES 500V 50/60Hz | | | | DIAGRAM | DETAIL |
|--------------------------------|-----------|----------|-----------|---------|--------|
| CODE | RATE [In] | CODE | RATE [In] | | |
| EFSC310R | 10A | EFSC316R | 16A | R | B |
| EFSC310X | 10A | EFSC316X | 16A | X | B |
| EFSC310Y | 10A | EFSC316Y | 16A | Y | B |
| EFSC310W | 10A | EFSC316W | 16A | W | B |
| EFSC310Z | 10A | EFSC316Z | 16A | Z | B |
| EFSC510R | 10A | EFSC516R | 16A | R | C |
| EFSC510X | 10A | EFSC516X | 16A | X | C |
| EFSC510Y | 10A | EFSC516Y | 16A | Y | C |
| EFSC510W | 10A | EFSC516W | 16A | W | C |
| EFSC510Z | 10A | EFSC516Z | 16A | Z | C |

Motor switch diagram arrangements

| TYPE "R" Contactor control with maintained OFF position | TYPE "X" Contactor control | TYPE "Y" Reverse motor starter control | TYPE "W" Impulse control | TYPE "Z" MAN. AUT. control |
|---|-------------------------------|--|-----------------------------|-------------------------------|
| | | | | |

*DIAGRAM ARRANGEMENTS DIFFERENT THAN STANDARD, PLEASE CONTACT OUR SALES DEPT.

REMARK:

Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.

