

Data Sheet for Article: IS506142--

Fuse Carrier 2-pole, 50A, 14x51



Schrack-Info

- All contact surfaces are silver plated
- Changing of a fuse-link without danger of direct touch of parts under voltage
- More space for finger to open fuse carrier
- Complete protection against touch according to IP20
- Possibility of sealing in ON or OFF positions

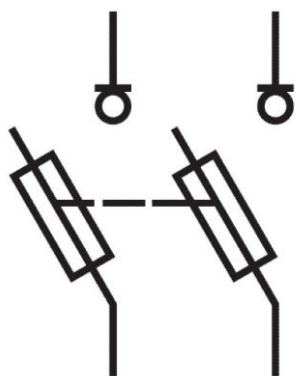
Technical Data

Power loss (W)	1,80
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	60
Poles	2
Fuse size	14x51
Amperage (A)	50
Tripping characteristics	gG
Size type	14x51
Rated current (A)	50
Frequency (Hz)	45 - 62
Maximum rated current of fuselinks	400VAC: 50A gG/50A aM 500VAC: 50A gG 690VAC: 25A gG/25A aM

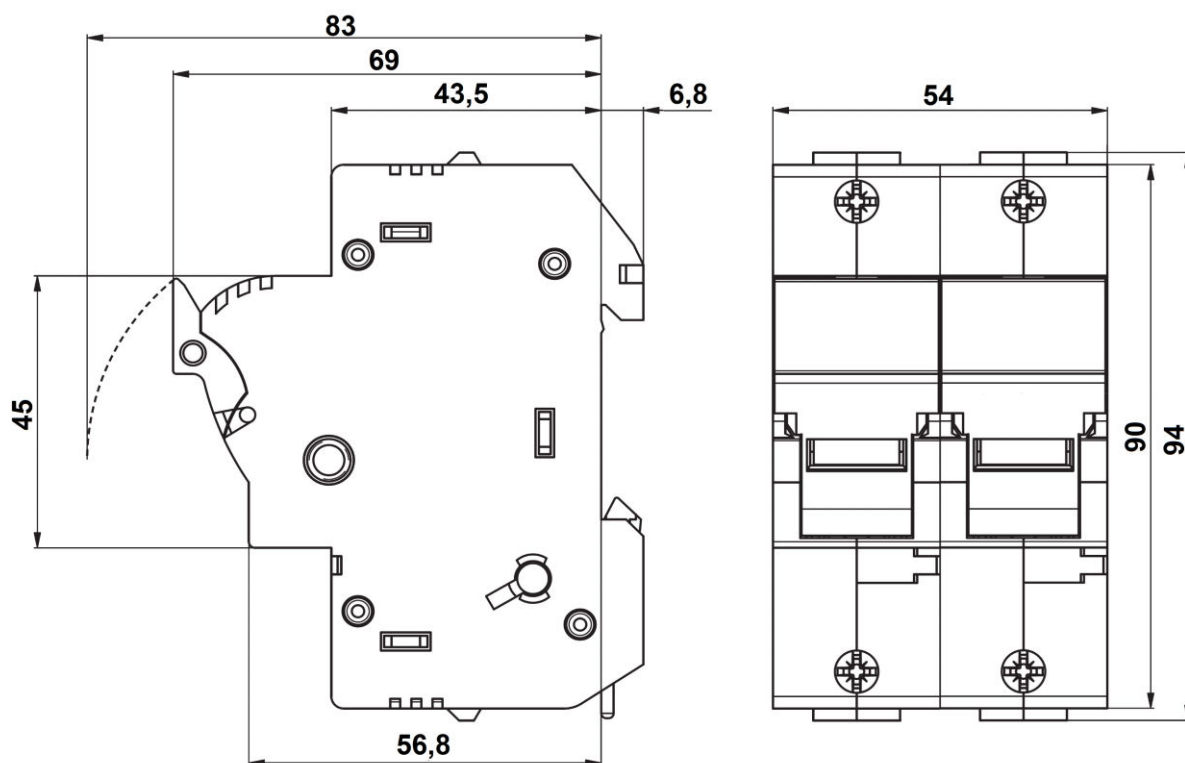
Technical Data - continued

Rated short-time withstand current I_{cw}	600A/1s
Rated conditional short-circuit-current	gG: 120kA/500V (50A gG) aM: 50kA/400V (50A aM)
Max power dissipation of the fuse-link (W)	gG: 5W/aM: 3W
Utilization category	AC-22B at 690V/50A
Operational performance (cycles with current)	300
Operational performance (cycles without current)	1700
Rated insulation voltage $[U_i]$ (V)	690
IP Rating	IP20
Temperature range - Operation (°C)	-5 to +40
Ambient temperature Storage (°C)	-25 / +55
Overvoltage category/pollution degree	III
Rated impulse withstand voltage U_{imp}	8kV
Mounting	35mm DIN-Rail
Solid wire diameter (mm ²)	1-35
Flexible wire diameter (mm ²)	1-35
Sealing possibility	On-position or Off-position
Max. torque (Nm)	2,5-3

Circuit diagram: Fuse Carrier 2-pole, 50A, 14x51



Dimensioned drawing: Fuse Carrier 2-pole, 50A, 14x51



Article Table

DESCRIPTION	Order No.
Fuse Carrier 2-pole, 50A, 14x51	IS506142
Optional Accessories	
Cylindrical fuse link 14x51, 2A, characteristic gG, 690VAC	ISZ14002
Cylindrical fuse link 14x51, 4A, characteristic gG, 690VAC	ISZ14004
Cylindrical fuse link 14x51, 6A, characteristic gG, 690VAC	ISZ14006
Cylindrical fuse link 14x51, 10A, characteristic gG, 690VAC	ISZ14010
Cylindrical fuse link 14x51, 16A, characteristic gG, 690VAC	ISZ14016
Cylindrical fuse link 14x51, 20A, characteristic gG, 690VAC	ISZ14020
Cylindrical fuse link 14x51, 25A, characteristic gG, 690VAC	ISZ14025
Cylindrical fuse link 14x51, 32A, characteristic gG, 500VAC	ISZ14032

Article Table

DESCRIPTION	Order No.
Optional Accessories	
Cylindrical fuse link 14x51, 40A, characteristic gG, 500VAC	ISZ14040
Cylindrical fuse link 14x51, 50A, characteristic gG, 400VAC	ISZ14050