



Description Automatic switchover system with three positions

Code MSS ATS

No. of poles 4P

Rated current 100 A

#### ELECTRICAL CHARACTERISTICS

Standard	EN 60947-3, EN 60947-6-1
AC Rated operational voltage (Ue)	400V
DC Rated operational voltage (Ue)	230V
AC Maximum operational voltage (Ue max)	690 V
DC Maximum operational voltage (Ue max)	-
Rated insulation voltage (Ui)	800 V
Rated impulse withstand voltage (Uimp)	6 kV
Rated short-time withstand current for 1s (Icw)	4 kA
Rated short-circuit current making capacity (Icm)	17 kA
Conditional short-circuit current with fuse (Icc)	50 kA (gG 100A)
Power dissipation per pole	4,1 W

#### MECHANICAL CHARACTERISTICS

Mechanical life	10.000 cycles
Maximum number of auxiliary contacts that can be installed	2
Minimum cable size	10 mm <sup>2</sup>
Maximum cable size (rigid/flexible)	70 mm <sup>2</sup>
Maximum busbar width	-
Rated tightening torque	5 Nm
Pre-arrangement for lock in OFF position	Yes (ø8 mm max)
Height	245 mm
Width (mm)	340
Depth	53 mm
Weight (kg)	3.5

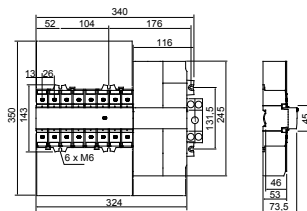
#### AC RATED OPERATIONAL CURRENT (Ie)

AC-20A / AC-20B (690V AC)	-
AC-21A / AC-21B (400V AC)	100 A / 100 A
AC-21A / AC-21B (500V AC)	-
AC-21A / AC-21B (690V AC)	100 A / 100 A
AC-22A / AC-22B (400V AC)	100 A / 100 A
AC-22A / AC-22B (500V AC)	-
AC-22A / AC-22B (690V AC)	80 A / 80 A
AC-23A / AC-23B (400V AC)	100 A / 100 A
AC-23A / AC-23B (500V AC)	-
AC-23A / AC-23B (690V AC)	80 A / 80 A
-	-
-	-
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-	-
-	-

#### DC RATED OPERATIONAL CURRENT (Ie)

DC-20A / DC-20B (220V DC)	-
DC-20A / DC-20B (400V DC)	-
DC-20A / DC-20B (440V DC)	-
DC-20A / DC-20B (500V DC)	-
DC-21A / DC-21B (220V DC)	-
DC-21A / DC-21B (400V DC)	-
DC-21A / DC-21B (440V DC)	-
DC-21A / DC-21B (500V DC)	-
DC-22A / DC-22B (220V DC)	-
DC-22A / DC-22B (400V DC)	-
DC-22A / DC-22B (440V DC)	-
DC-22A / DC-22B (500V DC)	-
DC-23A / DC-23B (220V DC)	-
DC-23A / DC-23B (400V DC)	-
DC-23A / DC-23B (440V DC)	-
DC-23A / DC-23B (500V DC)	-

## DIMENSIONAL





Product Data Sheet

**GW97764**

97 MSS Range

STANDARDS/APPROVALS

