

Description Automatic switchover system with three positions
Code MSS ATS
No. of poles 4P
Rated current 160 A

ELECTRICAL CHARACTERISTICS

Standard	EN 60947-3, EN 60947-6-1	Mechanical life	10.000 cycles
AC Rated operational voltage (Ue)	400V	Maximum number of auxiliary contacts that can be installed	2
DC Rated operational voltage (Ue)	230V	Minimum cable size	10 mm ²
AC Maximum operational voltage (Ue max)	690 V	Maximum cable size (rigid/flexible)	70 mm ²
DC Maximum operational voltage (Ue max)	-	Maximum busbar width	-
Rated insulation voltage (Ui)	800 V	Rated tightening torque	5 Nm
Rated impulse withstand voltage (Uimp)	6 kV	Pre-arrangement for lock in OFF position	Yes (ø8 mm max)
Rated short-time withstand current for 1s (Icw)	4 kA	Height	245 mm
Rated short-circuit current making capacity (Icm)	17 kA	Width (mm)	340
Conditional short-circuit current with fuse (Icc)	40 kA (gG 160A)	Depth	53 mm
Power dissipation per pole	7,5 W	Weight (kg)	4

AC RATED OPERATIONAL CURRENT (Ie)

AC-20A / AC-20B (690V AC)	-	DC-20A / DC-20B (220V DC)	-
AC-21A / AC-21B (400V AC)	160 A / 160 A	DC-20A / DC-20B (400V DC)	-
AC-21A / AC-21B (500V AC)	-	DC-20A / DC-20B (440V DC)	-
AC-21A / AC-21B (690V AC)	160 A / 160 A	DC-20A / DC-20B (500V DC)	-
AC-22A / AC-22B (400V AC)	160 A / 160 A	DC-21A / DC-21B (220V DC)	-
AC-22A / AC-22B (500V AC)	-	DC-21A / DC-21B (400V DC)	-
AC-22A / AC-22B (690V AC)	100 A / 125 A	DC-21A / DC-21B (440V DC)	-
AC-23A / AC-23B (400V AC)	125 A / 160 A	DC-21A / DC-21B (500V DC)	-
AC-23A / AC-23B (500V AC)	-	DC-22A / DC-22B (220V DC)	-
AC-23A / AC-23B (690V AC)	80 A / 80 A	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

STANDARDS/APPROVALS

