



Description Manual transfer switch disconnecter with three positions

Code MSS 125

No. of poles 4P

Rated current 100 A

ELECTRICAL CHARACTERISTICS

Standard	EN 60947-3	Mechanical life	10.000 cycles
AC Rated operational voltage (Ue)	400V	Maximum number of auxiliary contacts that can be installed	1
DC Rated operational voltage (Ue)	-	Minimum cable size	4 mm ²
AC Maximum operational voltage (Ue max)	690 V	Maximum cable size (rigid/flexible)	50 / 35 mm ²
DC Maximum operational voltage (Ue max)	220 V	Maximum busbar width	-
Rated insulation voltage (Ui)	800 V	Rated tightening torque	6 Nm
Rated impulse withstand voltage (Uimp)	8 kV	Pre-arrangement for lock in OFF position	Yes (ø6 mm max)
Rated short-time withstand current for 1s (Icw)	2,5 kA	Height	94 mm
Rated short-circuit current making capacity (Icm)	12 kA	Width (mm)	215
Conditional short-circuit current with fuse (Icc)	100 kA (gG 100A)	Depth	50 mm
Power dissipation per pole	3,1 W	Weight (kg)	1.2

AC RATED OPERATIONAL CURRENT (Ie)

AC-20A / AC-20B (690V AC)	100 A / 100 A	DC-20A / DC-20B (220V DC)	100 A / 100 A (2 poles in series for each polarity)
AC-21A / AC-21B (400V AC)	100 A / 100 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)	80 A / 80 A	DC-20A / DC-20B (500V DC)	-
AC-22A / AC-22B (400V AC)	100 A / 100 A	DC-21A / DC-21B (220V DC)	100 A / 100 A (2 poles in series for each polarity)
AC-22A / AC-22B (500V AC)	-	DC-21A / DC-21B (400V DC)	-
AC-22A / AC-22B (690V AC)	40 A / 40 A	DC-21A / DC-21B (440V DC)	-
AC-23A / AC-23B (400V AC)	63 A / 63 A	DC-21A / DC-21B (500V DC)	-
AC-23A / AC-23B (500V AC)	-	DC-22A / DC-22B (220V DC)	100 A / 100 A (2 poles in series for each polarity)
AC-23A / AC-23B (690V AC)	25 A / 25 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)	63 A / 63 A (2 poles in series for each polarity)
-	-	DC-23A / DC-23B (400V DC)	-
-	-	DC-23A / DC-23B (440V DC)	-
-	-	DC-23A / DC-23B (500V DC)	-

DIMENSIONAL



Product Data Sheet

GW97760

97 MSS Range

STANDARDS/APPROVALS

