



Omschrijving Rotary switch disconnecter

Code MSS 630

Aantal

polen 4P

Nominale

stroom 400 A

#### ELECTRICAL CHARACTERISTICS

Standaard	EN 60947-3
AC Rated operational voltage (Ue)	400 V
DC Rated operational voltage (Ue)	220 V
AC Maximum operational voltage (Ue max)	690 V
DC Maximum operational voltage (Ue max)	500 V
Nominale isolatie-spanning (Ui)	1000 V
Nominale stoot-houdspanning (Uimp)	12 kV
Rated short-time withstand current for 1s (Icw)	13 kA
Rated short-circuit current making capacity (Icm)	45 kA
Conditional short-circuit current with fuse (Icc)	100 kA (gG 400A)
Power dissipation per pole	10,8 W

#### MECHANICAL CHARACTERISTICS

Mechanical life	5.000 cycles
Maximum number of auxiliary contacts that can be installed	1
Minimum cable size	185 mm <sup>2</sup>
Maximum cable size (rigid/flexible)	240 mm <sup>2</sup>
Maximum busbar width	40 mm
Nominaal aandraaimoment	20 Nm
Pre-arrangement for lock in OFF position	Yes (ø8 mm max)
Hoogte	170 mm
Breedte (mm)	290
Diepte	110 mm
Gewicht (kg)	4.5

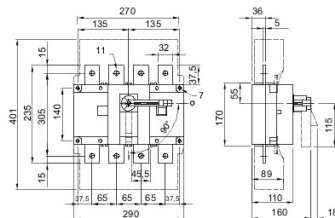
#### AC RATED OPERATIONAL CURRENT (Ie)

AC-20A / AC-20B (690V AC)	400 A / 400 A
AC-21A / AC-21B (400V AC)	400 A / 400 A
AC-21A / AC-21B (500V AC)	400 A / 400 A
AC-21A / AC-21B (690V AC)	400 A / 400 A
AC-22A / AC-22B (400V AC)	400 A / 400 A
AC-22A / AC-22B (500V AC)	400 A / 400 A
AC-22A / AC-22B (690V AC)	250 A / 315 A
AC-23A / AC-23B (400V AC)	400 A / 400 A
AC-23A / AC-23B (500V AC)	315 A / 315 A
AC-23A / AC-23B (690V AC)	160 A / 200 A

#### DC RATED OPERATIONAL CURRENT (Ie)

DC-20A / DC-20B (220V DC)	400 A / 400 A
DC-20A / DC-20B (400V DC)	400 A / 400 A
DC-20A / DC-20B (440V DC)	-
DC-20A / DC-20B (500V DC)	400 A / 400 A
DC-21A / DC-21B (220V DC)	400 A / 400 A
DC-21A / DC-21B (400V DC)	-
DC-21A / DC-21B (440V DC)	-
DC-21A / DC-21B (500V DC)	-
DC-22A / DC-22B (220V DC)	400 A / 400 A
DC-22A / DC-22B (400V DC)	-
DC-22A / DC-22B (440V DC)	-
DC-22A / DC-22B (500V DC)	315 A / 400 A (2 poles in series for each polarity)
DC-23A / DC-23B (220V DC)	400 A / 400 A
DC-23A / DC-23B (400V DC)	400 A / 400 A (2 poles in series for each polarity)
DC-23A / DC-23B (440V DC)	-
DC-23A / DC-23B (500V DC)	315 A / 400 A (2 poles in series for each polarity)

## DIMENSIONAL



## STANDARDS/APPROVALS



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