

ENSTO

KSM3.80N

Load break switch rotary

Code KSM3.80N
 GTIN 6438100099381
 ENumber
 Name Load break switch rotary Ensto Compact
 3 x 80 A, with switched neutral pole, with
 direct handle, panel and DIN rail mounted
 Description Ensto Compact is a complete range of
 rotary switches from 16 A to 125 A.
 Vendor Ensto Finland Oy



Technical specification

Dimensions

Weight: 0.362 kg
 Conductor cross-section: Cu 16-50

Electrical values

Rated operational current: AC 22 A
 Breaking capacity 415 V, AC 23 A: 640 A
 Making capacity 415 V, AC 23 A: 800 A
 Rated insulation voltage: 800 V

Mechanical

Tightening torque: 4 Nm

Certificates

Standards: EN 60947-3

Ratings

Rated impulse withstand voltage: 6 kV
 ETIM 7: EC000216 Switch disconnecter

Short-circuit characteristics

Rated short time withstand current: 1500 A (1 s)

Max. fuse:	80 A
Max. cut-off current:	9 kA
Rated conditional short-circuit current:	25 kA
Max. joule integral:	49.8 kA ² s

ETIM

ETIM

Suitable for distribution board installation:	true
Voltage release optional:	false
Motor drive integrated:	false
Version as emergency stop installation:	false
Rated operating voltage:	400 ... 690 V
Conditioned rated short-circuit current I _q :	25 kA
Rated operation power at AC-23, 400 V:	45 kW
Number of poles:	3
Colour control element:	Other
Max. rated operation voltage U _e AC:	690 V
Version as main switch:	true
Version as maintenance-/service switch:	true
Version as safety switch:	false
Interlockable:	true
Device construction:	Complete device in housing
Type of electrical connection of main circuit:	Screw connection
Rated short-time withstand current I _{cw} :	1.5 kA
Version as reversing switch:	false
Rated permanent current at AC-21, 400 V:	80 A
Motor drive optional:	false
Type of control element:	Short thumb-grip

Packaging

Default package

Unit:	PCS
Size:	50