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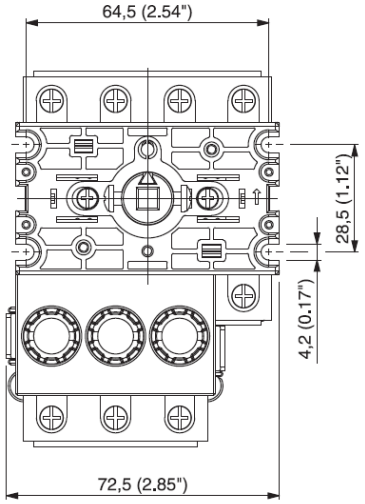
www.bremas.eu info@bremas.it

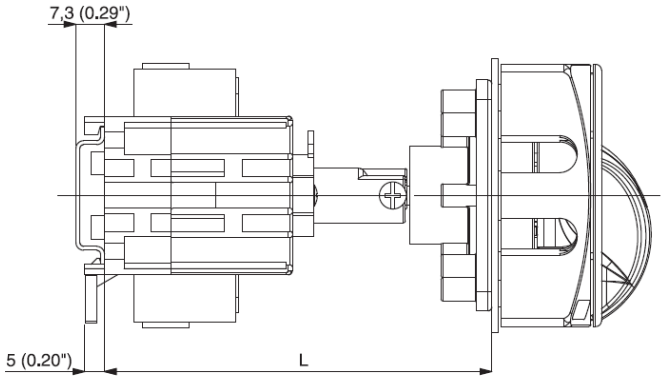
ISO 9001 Certified Quality System

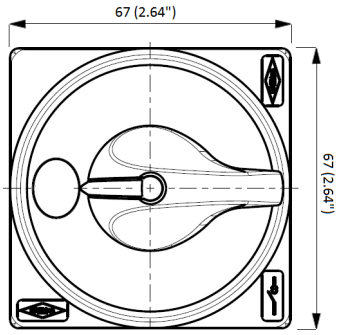
Cod. XNF0163BL6

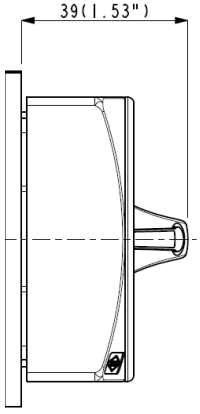
Dimensions

measures in mm (in)







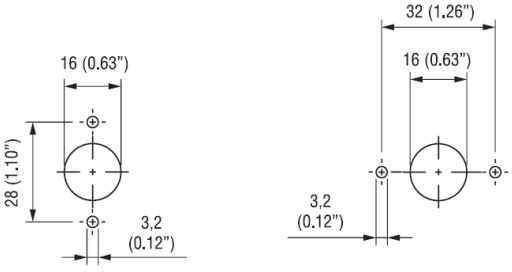


Overall length (min-max)**
for different shaft length (L1):

L1		
175*	L (mm)	99 - 243
6.89*	L (in)	3.90 - 9.57

Drilling templates

measures in mm (in)



Escutcheon plate mounting options:

1) 2 holes with vertical distance 28mm (1.10")

2) 2 holes with horizontal distance 32mm (1.26")

3) 4 holes with distance 48 mm (1.89")

Switch mounting options:

1) 4 holes with distance 58x18mm (2.28x0.71")

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Disconnect Switches
XNF Series – Datasheet

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					XNF016
Technical data IEC 947-3 EN 60947-3					
Rated insulation voltage			Ui	V	690
Rated operating voltage			Ue	V	690
Rated impulse withstand voltage			Uimp	kV	6
Rated thermal current for open switch			Ith	A	16
Rated thermal current for enclosed switch			Ithe	A	16
Rated operation frequency				Hz	50
Power dissipation for each pole				W	1,8*
Rated operating current					
AC-21A Switching resistive loads, including moderate overloads	690V		Ie	A	16
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads	690V		Ie	A	16
Rated operating power					
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole			230V	Kw (A)	7,5 (24)
			400V	Kw (A)	13 (24)
			500V	Kw (A)	13 (16)
			690V	Kw (A)	15 (16)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole			230V	Kw (A)	16 (19)
			400V	Kw (A)	10 (18)
			500V	Kw (A)	10 (14)
			690V	Kw (A)	12 (13)
Rated breaking capability in AC-23A (cos φ=0,45)			230V	A	192
			400V	A	240
Short circuit protection					
Rated short time withstand current			Icw	A	400
Rated conditional short-circuit current				kA	10
With fuses class gG			500V	A	16
Mechanical characteristics					
Mechanical life (120 cicles/hour)			Mil.Man		2
Connecting capability with flexible wires			Min-Max	mm2	1,5-10
Connecting capability with solid wires			Min-Max	mm2	1,5-16
Terminal screw					M4
Screw tightening torque				Nm	1,4
Protection degree IEC 529 EN 60529					
Terminals					IP20
Plate and knob					IP66
Ambient conditions					
Operating ambient temperature				°C	-25 ÷ +55
Storage ambient temprature				°C	-30 ÷ +70
Withstand to constant humid according to IEC 60068					sec. IEC 60068-2-78
Withstand to cyclic humid according to IEC 60068					sec. IEC 60068-2-30
Auxiliary contacts					XC16AN XC16CN
Rated insulation voltage			Ui	V	690
Rated thermal current for open switch			Ith	A	20
AC-21A Switching resistive loads, including moderate overloads			690V	A	6
AC-15 Control of a.c electromagnetic loads			230V	A	20

*Power dissipated from each fuse

Standard IEC/EN 60947-3

Approvals CE

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