

ENCLOSED SWITCHGEAR

GRP ENCLOSED SWITCH DISCONNECTOR 4 POLE PC1604P



160A 4 pole switch disconnecter in a glass reinforced polycarbonate enclosure to IP65 IK10. Enclosure has separate lock and reversible door. The switch handle is padlockable and defeatable. All terminals are provided with shrouds.

General Characteristics

Standards	EN60947-1, EN60947-3
Rated Operational Voltage (Ue)	415 V
Rated Operational Frequency	50/60 Hz
Rated Operational Current AC-22 A	160A
Rated Operational Power (1) AC-23 @ 415V	75kW
Rated Breaking Capacity AC-23 @ 415V	1280A
Rated Conditional Short Current r.m.s. (Icm) / Fuse Cut Off Current (2)	18kA / 160A
Rated Short Time Withstand Current (Icw) @ 690V 1s	5kA
Mechanical Endurance (3)	20000 ops
Electrical Endurance @ 0.65pf	5000 ops
Defeatable Handle	Accepts 3 Padlocks
Weight	21.3Kg
Terminal Bolt Size	M8 x 25
Terminal Tightening Torque	8Nm
Operating Torque	2.5Nm

(1) The kW ratings are accurate for three phase 1500 rpm standard asynchronous motors

(2) In single phase test to IEC629

(3) Divided by 2 for operational cycle

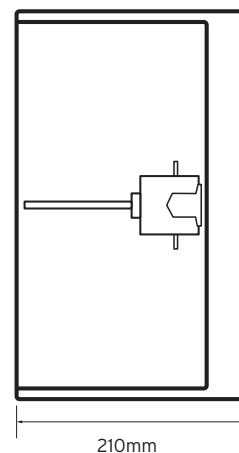
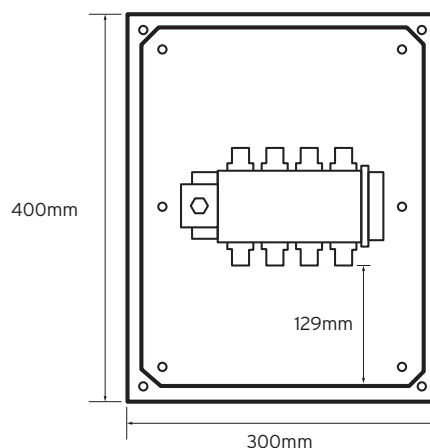
Enclosure Characteristics

Standard	EN62208
Overall Dimensions HxWxD	400x300x210mm
Degree of Ingress When Fitted	IP65 IK10
Material	GRPP
Colour	RAL7035

Available Accessories

160AUX1/1	1NO/1NC Auxilliary Contact
160AUX2/2	2NO/2NC Auxilliary Contact
A4DOCW	A4 Document Wallet

Technical Drawing



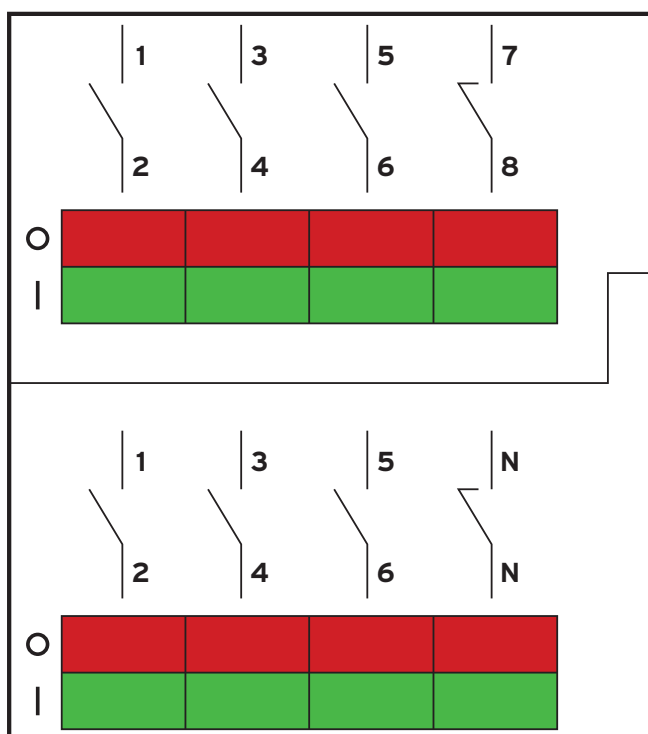
Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. The IP rating of the unit can be compromised if the correct use of glands is not followed. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modification whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

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Wiring Diagram



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