

Product Data Sheet



Product Code: **E20TN** esw

Issue No.

B

Issue Date:

28/10/2019

Issue by:

T. Tombs

Description

20A 3 pole switch disconnecter with neutral clamp.

General Characteristics

Standards.	BSEN 60947-1 and 3.
Current rating.	20A.
Voltage rating.	Up to 690V ac (see below).
Fault current rating. Icc	10kA, 40A maximum backup fuse.
Enclosure.	0.9mm mild steel case. 1.2mm mild steel riveted end plates. Paint finish electrostatically applied.
Handle.	ON, OFF and LOCK. Lock position prevents door opening.
IP Rating.	3X
Pollution degree.	3
No of poles.	3 switched. Bolted neutral.
Switch terminal capacity (tunnel).	10 mm.sq.
Switch terminal tightening torque.	1.2Nm Cross head screw.
Cable entry facility.	Fixed plate with dual knockouts. 1 x 20/25mm, 1 x 25/32mm each end.
Door.	Left hand hinged door. Screw fixed.
No of Outgoing TP ways.	1
Equipment type.	Fixed stationary
Weight.	2.25 kg



Switchgear Fitted

Device	Rating
Contact block	20A

Accessories. Ordered separately. Separate data sheets available.

1 normally open & 1 normally closed auxiliary contact, side mounted add-on. Part no: **M2A11**.
4th pole, side mounted add-on. Part no. **EN20/32**.

General Device Specification.

Category of duty. 20A – AC23A @ 690V ac.

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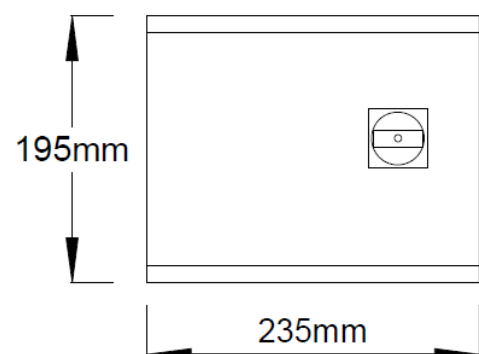
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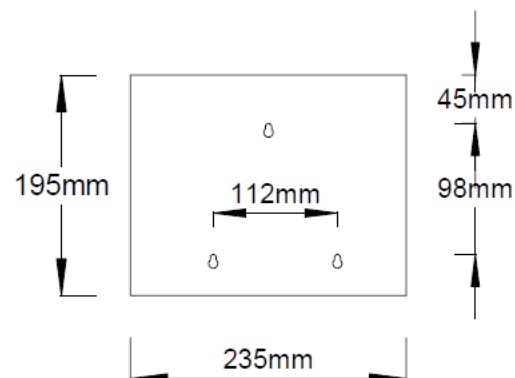
20A 3 pole switch disconnecter with neutral clamp.

Key Dimensions

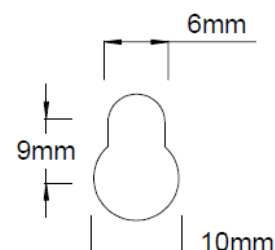


Enclosure depth 125mm + 35mm handle

Mounting hole positions



Fixing foot detail



Additional information.

Usage

Intended for use by skilled persons or instructed persons.

Electrical

Earth bolt in case M6 & Neutral terminal on contact block.

Rated frequency: 50 / 60 Hz.

Rated operational voltage: 230 / 400V ac.

Rated insulation voltage: 690V.

Impulse voltage (U_{imp}): 8 kV.

EMC environment: Environment type A.

Physical

Ambient operating temperature -5 to 40 °C

(Not exceeding average of 35 °C in any 24 hour period).

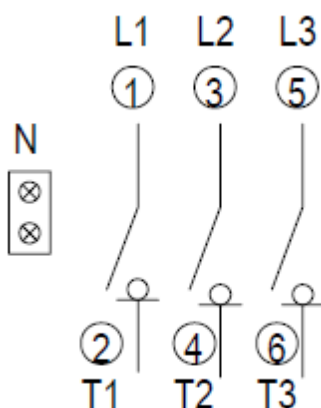
Maximum altitude 2000m.

Enclosure: Mild steel, folded construction.

Installation

Service conditions: Wiring of this product must comply with current IEE regulations. Units are intended for indoor use and dry conditions and **NOT** where high levels of humidity and temperature are experienced.

Note: IP rating of enclosures can be compromised if correct use of glands is not followed when installing unit.



Iss B – Switch changed (esw).

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