

21154312

Load break switch COMO in polycarbonate enclosure 4P 125A

Enclosed load break switches ensure the on-load breaking and making of circuits and safely isolate all low-voltage electrical circuits by providing protection against contact with live parts and environmental elements, such as dust, water and other hazards.

They enable the shutdown and isolation of the power supply as close to the equipment as possible.

Strong points

- Safe operation
- Suitable for all kinds of environment
- Easy installation
- Extensive range

General characteristics

- From 20 to 125 A.
- 3, 4, 6, 8 poles.
- Yellow/red or grey/blue version.
- Triple lock in OFF position.
- Polycarbonate enclosure.
- Screw-on front.
- Ingress Protection rating: IP65.
- Cable gland knock-outs at top, bottom and sides.

Compliance with standards

- IEC 60947-3

Link to the reference



<https://emea.socomec.com/en/reference/21154312>

Classification

UNSPSC	39122205
ETIM Class	EC000216
IGCC	5176

Commerce

Description	Load break switch COMO in polycarbonate enclosure 4P 125A, blue / grey handle, IP65, 304 x 214 x 182 mm (Height x Width x Depth)
Effective date	2017-01-16
Offer Life Cycle Code	40
Country of origin	DE

Environmental Sustainability

Climate change - Total - Cradle to Grave [kg CO ₂ eq.]	227
Climate change - Total - Cradle to Gate [kg CO ₂ eq.]	15
SVHC > 0.1 mass percentage?	No
RoHS applicable?	Yes

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	690
Rated operating voltage [V]	400..690
Rated permanent current Iu [A]	125
Rated permanent current at AC-23, 400 V [A]	84
Rated permanent current at AC-21, 400 V [A]	125
Rated operation power at AC-3, 400 V [kW]	125
Rated short-time withstand current Icw [kA]	2
Rated operation power at AC-23, 400 V [kW]	45
Switching power at 400 V [kW]	45
Conditioned rated short-circuit current Iq [kA]	8
Number of poles	4

ETIM - Mechanical characteristics

Suitable for floor mounting	Yes
Suitable for front mounting 4-hole	No
Suitable for front mounting centre	No
Suitable for distribution board installation	No
Suitable for intermediate mounting	No
Colour control element	Black
Housing material	Plastic

Housing colour	Grey
Degree of protection (IP), front side	IP65
Width [mm]	214
Height [mm]	304
Depth [mm]	182
ETIM - Technical features	
Version as main switch	No
Version as maintenance-/service switch	Yes
Version as safety switch	Yes
Version as emergency stop installation	Yes
Version as reversing switch	No
Number of switches	1
Motor drive optional	No
Motor drive integrated	No
Voltage release optional	No
Device construction	Complete device in housing
Type of control element	Door coupling rotary drive
Interlockable	Yes
Type of electrical connection of main circuit	Screw connection
Logistics	
GTIN/EAN	3596033000669
Customs number	8537109899
Price unit	PC
Weight of the packing unit [kg]	1.7
Length of the packing unit [m]	0.312
Width of the packing unit [m]	0.195
Depth of the packing unit [m]	0.22
Norms	
Conformity to standards	IEC
Technical Characteristics	
Height [mm]	304
Width [mm]	214
Depth [mm]	182
Weight [kg]	1.7
Control operator	Grey / blue handle
Number of poles	4
Rated current [A]	125
Type	Rotary
Frame size	3