## DATASHEET - KNB-RT-TO

## Thumb-grip, red

Part no.	KNB-RT-TO
	043655
EL Number	1456534
(Norway)	



Several specificationsPredex tainsPortex tainsFinder tainsPortex tainsSine Median's series Accessory TagginPortex tainsSine Median's Series Accessory TagginProduct taing/blophWith Part Accessory TagginProduct taing/blophWith Part Accessory TagginProduct taing/blophSine Median's Series Accessory TagginProduct taing/blophWith Part Accessory TagginProduct taing/blophWith Part Accessory TagginProduct taing/blophNoneProduct TaginameNoneProduct TaginameNone	(Norway)	
Part m.     NNB #TTD       EAN     405500/20031       Product Leng/to puble     401500/20033       Product Leng/to puble     401500/20033       Product Weight     20100000000000000000000000000000000000	General specifications	
FAN 40 40500000000000000000000000000000000000	Product name	Eaton Moeller® series Accessory Toggle
Product Length/Depth 40 millines/e   Product Length/Depth 20 millines/e   Product wight 20 millines/e   Product wight 20 millines/e   Product Night UCSA certification not required   Product Tadename None   Product Sub Type Toggie   Product Sub Type Toggie   Product Sub Type Toggie   Color Red   Ceneral information NEMA Other   Degree of protection NEMA Other   Suitable for NEMA Other   Suitable for Solitable for   Read Concenter Solitable for   Read Concenter Solitable for   Suitable for Solitable for   Read constructions Solitable for   Read	Part no.	KNB-RT-T0
Poduct height   28 millimetre     Poduct width   28 millimetre     Poduct width   20 millimetre     Poduct width   0.008 kiopram     Poduct Tradecame   None     Poduct Tradecame   Read     Poduct Tradecame   Read     Poduct Tradecame   Read     Poduct Tradecame   Read     Corr   Read     General information   Read     Degree of protection   Read Nondle     Design verification   Read Nondle     Design verification   Statial for     Read sparation per anix   None     Design verification   QW     Read sparation current dependent Pod   QW     Read sparation of resistace   QW     Read sparation of re	EAN	4015080436553
Product weight 28 millimete   Product weight 0088 kolyram   Certifications U/CSA certification not required   Product Type Note   Product Type Togle   Product Sab Type Togle   Color Red   Color Red   General information NEMA Differ   Begree of protection Switch disconnector   Subles for protection Switch disconnector   Type Red   Climatic environmental conditions Switch disconnector   Ration cogramming temperature - min 28 °C   Anbient cogerating temperature - min 28 °C   Anbient cogramming temperature - min 28 °C   Ratio speration cogramming temperature - min 28 °C   Ration cogramming temperature - min 28 °C   Ration cogramming temperature - min Switch discingation, current-dependent Poid   Rest operational conditions Weight Cogrammets   Rest operation cognating Holes Weight Cogrammets   Rest operational transition or main head Weight Cogrammets   Rest operatindependent Poid Note	Product Length/Depth	40 millimetre
Product weight 0.008 kilogram   Centrations U/CSA certification not required   Product Tadoname Non   Product Sub Type Color   Product Sub Type Color   Color Color   Color Color   Degree of protection MEMA Other   Suitable for Networks   Type Networks   Type Networks   Climatic environmental conditions Networks   Ambient operating temperature - min Networks   Ambient operating temperature - min Solor   Ambient operating temperature - min Solor   Anothert operating temperature - min Solor   Ratio operation operati	Product height	26 millimetre
Certification     UUCSA certification ont required       Product Type     None       Product Type     Accessory       Product Type     Recessory       Product Type     Red       Fotures & Functions     Red       Coor     Red       Beerol Information     Dely for emergency switching offenergency stop switches       Subable for     Switch deconnector       Type     None       Clenet Continue     Switch deconnector       Type     None       Clenet contrommental conditions     Switch deconnector       Anbient operating temperature - min     -23 °C       Anbient operating temperature - min     -23 °C       Read operational current dependent Pvid     Witch deconnector       Heat dissipation, non-current dependent Pvid     Witch deconnector       Notact desipation, non-current dependent Pvid     Witch the product standerd is requirements.       102.22 Verification of ministance of insulating materials to normal heat     Meets the product standerd is requirements.       102.22 Verification of ministance of insulating materials to normal heat     Meets the product standerd is requirements.       102.22 Verification of insulating materials to normal heat<	Product width	28 millimetre
Product Tradename   None     Product Type   Accessory     Product Sub Type   Tegle     Features & Functions   Tegle     Color   Red     Observed functions   None     Suitable for   Suitable for     Ambient operating temperature - min   Color     Suitable for   Color     Suitable for   Color     Suitable for   Color     Suitable for   Color     Ambient operating temperature - mine   Color     Ambient operating temperature - mine   Color     Suitable for   Color     Redu operational current for specificad heat dissipation. Current-dependent Pvid   Color     Ibit 22 Corrolina batability of enclosures   Color     Ibit 22 Corrolina batability of enclosures   Color     Ibit 22 Corrolina batability	Product weight	0.008 kilogram
Product Type     Forduct Sub Type     Forduct Sub Type       Forduct Sub Type     Forgele     Forgele       Forduct Sub Type     Forgele     Forgele       Forduct Sub Type     Forgele     Forgele       Color     Forduct Sub Type     Forgele       Color     Forduct Sub Type     Forgele fortocolon       Subtable for     Subtable for     Subtable for       Type     Forduct Sub Type     Forduct Sub Type       Ambinet operating temperature - min     -25 °C     Subtable Some State       Ambinet operating temperature - min     -25 °C     Subtable Some State       Exaptione that dissipation, current dependent Pvid     Forget Some State     Subtable Some State       Retat dissipation, current dependent Pvid     UW     UW     UW       Retat dissipation, current dependent Pvid     Exaptionent Isolation of resistance of insulating materials ta normal head:     Forget Some Some Some Some Some Some Some Some	Certifications	UL/CSA certification not required
Product Sub Type     Toggle       Features & Functions     Ref       Color     Ref       General information     NEMA Other       Degree of protection     Dayse of protection       Suitable for     Nema Other       Director of protection     Retar       Ambient operating temperature - min     Ambient operating temperature - min       Ambient operating temperature - min     -25 °C       Ambient operating temperature - max     0W       Beat dissipation capacity Pdiss     0W       Heat dissipation capacity Pdiss     0W       Heat dissipation capacity Pdiss     0W       102.23 Lorification     0W       102.23 Lorification of testistance of insulating materials to normalheat     0W       102.24 Corrosion resistance     0W       102.23 Lorification of testistance of insulating materials to normalheat     0W       102.24 Corrosion resistance     0W       102.23 Lorification of testistance of insulating materials to normalheat     Meets the product standard's requirements.       102.24 Resistance to ultra-wide [UV] radiation     Meets the product standard's requirements.       102.24 Resistance to ultra-wide [UV] radiation     Meets the pro	Product Tradename	None
Features & Functions     Image: Particular Section     Red       Color     Red       Ceneral information     Red       Degree of protection     NeMA Other       Suitable for     NeMA Other       Suitable for     NeMA Other       Suitable for     NeMA Other       Ambient operating temperature - min     Source of protection       Ambient operating temperature - min     Source of Color       Ambient operating temperature - max     Source of Color       Equipment heat dissipation, current-dependent Pvid     Wo       Retat dissipation caurent of specified heat dissipation (In)     Wo       Retat dissipation caurent of specified heat dissipation (In)     Wo       Retat dissipation on caurent-dependent Pvid     Weits the product standard's requirements.       Retat dissipation on caurent-dependent Pvid     Weits the product standard's requirements.       Retat dissipation on caurent-dependent Pvid     Weits the product standard's requirements.       Retat dissipation on resistance of insulating materials to normal	Product Type	Accessory
Color     Red       Color     Red       Color     Nethol Construction       Degree of protection     Nethol Other       Suitable for     Nethol Conservations and Version and Versequirements.       Idela degretati	Product Sub Type	Toggle
Ceneral information     Methods       bgree of protection     Suitable for     Suitable for	Features & Functions	
Degree of protection     PEMA Other       Suitable for     Inly for amergency switching off/amergency stop switches Switch disconnector       Type     Personal Statistics       Ambient operating temperature - min     25 °C       Ambient operating temperature - max     50 °C       Personal dissipation - current-dependent Pvid     90 °C       Rated operating temperature - max     0 °V       Rated operating temperature - max     0 °V       Rated operation current dependent Pvid     0 °V       Rated operation current dependent Pvid     0 °V       Rated operation current dependent Pvid     0 °V       102.2 Corrosion resistance     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °C       102.3 Verification of resistance of insulating materials to normal heat     0 °C       102.3 Resist of insul mat to abormal heat/fire hyntermal elect. effect	Color	Red
Degree of protection     PEMA Other       Suitable for     Inly for amergency switching off/amergency stop switches Switch disconnector       Type     Personal Statistics       Ambient operating temperature - min     25 °C       Ambient operating temperature - max     50 °C       Personal dissipation - current-dependent Pvid     90 °C       Rated operating temperature - max     0 °V       Rated operating temperature - max     0 °V       Rated operation current dependent Pvid     0 °V       Rated operation current dependent Pvid     0 °V       Rated operation current dependent Pvid     0 °V       102.2 Corrosion resistance     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °V       102.3 Verification of resistance of insulating materials to normal heat     0 °C       102.3 Verification of resistance of insulating materials to normal heat     0 °C       102.3 Resist of insul mat to abormal heat/fire hyntermal elect. effect	General information	
Suitable for     Dink for amergency switching off/emergency stop switches       Type     Rotary handle       Climatic environmental conditions     Rotary handle       Ambient operating temperature - min     25 °C       Ambient operating temperature - max     50 °C       Design verification     50 °C       Equipment heat dissipation, current-dependent Pvid     60 °C       Heat dissipation expacity Phiss     0 °V       Rated operational current for specified heat dissipation (In)     0 °V       Static heat dissipation, on-current-dependent Pvid     0 °V       Rated operational current for specified heat dissipation (In)     0 °V       Static heat dissipation, on-current-dependent Pvid     0 °V       10.2.2 Corrosion resistance     0 °V       10.2.3 Nexit, Orisul, mat, to abnormal heat/fire by intenal elect. effects     0 Neets the product standard's requirements.       10.2.3 Resist, Orisul, mat, to abnormal heat/fire by intenal elect. effects     0 Dees not apply, since the entire switchgear needs to be evaluated.       10.2.4 Sincerbin or     0 Dees not apply, since the entire switchgear needs to be evaluated.       10.2.5 Uniting     Does not apply, since the entire switchgear needs to be evaluated.       10.2.5 Uniscriptions     Does not apply, since the en		NEMA Other
Type     Retary bandle       Type     Retary bandle       Clinatic environmental conditions     Patholic servicon environmental conditions       Ambient operating temperature - min     Patholic servicon environmental conditions       Ambient operating temperature - min     Patholic servicon environmental conditions       Equipment hat dissipation current-dependent Pvid     Patholic servicon environmental conditions       Equipment hat dissipation current-dependent Pvid     Patholic servicon environmental conditions       Rated operational current for specified heat dissipation (In)     Patholic servicon environmental conductors       Rated operational current for specified heat dissipation (In)     Patholic servicon environmental conductors       Rated operational current for specified heat dissipation (In)     Patholic servicon environmental conductors       Rated Signation, on-current-dependent Pvid     Patholic servicon environmental conductors       Rated Signation of resistance of insulting materials to normal heat     Patholic servicon environmental conductors       Rated Signation of unsulting materials to normal heat     Patholic standard's requirements.       Rated Signation of unsulting materials to normal heat     Patholic standard's requirements.       Rated Signation of unsulting materials to normal heat     Patholic standard's requirements.		
Clinatic environmental conditions   P   P   P   -25 °C     Ambient operating temperature - max   5°C   5°C     Design verification   5°C   5°C     Equipment heat dissipation, current-dependent Pvid   6°C   0°C     Heat dissipation capacity Pdiss   0°C   0°C     Heat dissipation capacity Pdiss   0°C   0°C     Heat dissipation per pole, current-dependent Pvid   0°C   0°C     Rated operational current ospecified heat dissipation (In)   0°C   0°C     102.2 Corrosion resistance   0°C   0°C     102.3 Verification of thermal stability of enclosures   0°C   0°C     102.3 Verification of nesultance of insulting materials to normal heat   0°C   0°C     102.3 Verification of nesultance of insulting materials to normal heat   0°C   0°C     102.3 Verification of assembles   0°C   0°C   0°C     102.3 Lifting   0°C and apply, since the entire switchgear needs to be evaluated.   0°C     103.2 Gree of protection of assembles   0°C and apply, since the entire switchgear needs to be evaluated.   0°C     103.2 Gree of protection of assembles   0°C and apply, since the entric switchgear needs to be evaluated.   0°		
Ambient operating temperature - min   25 °C     Ambient operating temperature - max   50 °C     Design verification   50 °C     Equipment heat dissipation, current-dependent Pvid   M     Heat dissipation capacity Pdiss   W     Heat dissipation capacity Pdiss   W     Rated operating temperature - min   W     Static heat dissipation, on-current-dependent Pvid   M     102.2 Corrosion resistance   W     102.3 Verification of termal stability of enclosures   Meets the product standard's requirements.     102.3 Verification of resistance of insult materials to normal heat/ 102.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects   Meets the product standard's requirements.     102.4 Resistance to ultra-violet (UV) radiation   Meets the product standard's requirements.     102.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects   Meets the product standard's requirements.     102.4 Resistance to ultra-violet (UV) radiation   Meets the product standard's requirements.     102.5 Lifting   Dees not apply, since the entire switchgear needs to be evaluated.     10.4 Clearances and creepage distances   Meets the product standard's requirements.     10.4 Clearances and creepage distances   Dees not apply, since the entire switchgear needs to be evaluated.	Туре	Rotary handle
Ambient operating temperature - max     50°C       Design verification     0W       Equipment heat dissipation, current-dependent Pvid     0W       Heat dissipation capacity Pdiss     0W       Rated operational current for specified heat dissipation (In)     0A       Static heat dissipation, non-current-dependent Pvid     0W       102.2 Corrosion resistance     0W       102.3 Verification of thermal stability of enclosures     0W       102.3.3 Resist of insul. mat to abnormal heat/fire by internal elect. effects     Meets the product standard's requirements.       102.3.3 Resist. of insul. mat to abnormal heat/fire by internal elect. effects     Meets the product standard's requirements.       102.4 Resistance to ultra-violet (UV) radiation     Meets the product standard's requirements.       102.4 Resistance to ultra-violet (UV) radiation     Meets the product standard's requirements.       102.5 Uriting     Does not apply, since the entire switchgear needs to be evaluated.       102.4 Resistance to ultra-violet (UV) radiation     Meets the product standard's requirements.       102.5 Uriting     Does not apply, since the entire switchgear needs to be evaluated.       102.4 Resistance to ultra-violet (UV) radiation     Does not apply, since the entire switchgear needs to be evaluated.       102.5 Iritiscriptions<	Climatic environmental conditions	
Design verificationImage: Provide the series of	Ambient operating temperature - min	-25 °C
Equipment heat dissipation, current-dependent PvidImage: Constant of the product stant of	Ambient operating temperature - max	50 °C
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10.5 Protection against electric shock   Does not apply, since the entire switchgear needs to be evaluated.     10.6 Incorporation of switching devices and components   Does not apply, since the entire switchgear needs to be evaluated.     10.7 Internal electrical circuits and connections   Is the panel builder's responsibility.     10.8 Connections for external conductors   Is the panel builder's responsibility.	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components   Does not apply, since the entire switchgear needs to be evaluated.     10.7 Internal electrical circuits and connections   Is the panel builder's responsibility.     10.8 Connections for external conductors   Is the panel builder's responsibility.	10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.7 Internal electrical circuits and connections   Is the panel builder's responsibility.     10.8 Connections for external conductors   Is the panel builder's responsibility.	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.8 Connections for external conductors Is the panel builder's responsibility.	10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
	10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength Is the panel builder's responsibility.	10.8 Connections for external conductors	Is the panel builder's responsibility.
	10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage Is the panel builder's responsibility.	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material Is the panel builder's responsibility.	10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise Not applicable.	10.10 Temperature rise	Not applicable.
10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must observed.	10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.13 Mechanical function

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## **Technical data ETIM 9.0**

Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Handle for switch devices (ecl@ss13-27-37-04-14 [AKF012019])	
With restart blockage	No
With key lock	No
Padlock locking	No
Colour	Red
Suitable for emergency stop	No
With extension shaft	No
Suitable for power circuit breaker	No
Suitable for switch disconnector	Yes
Degree of protection (NEMA)	Other