## DATASHEET - P1-25/SE1/SVB-SW

Main switch, P1, 25 A, surface mounting, 3 pole, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position, in steel enclosure



## Part no.

P1-25/SE1/SVB-SW 197349

Point name     Evan Modersk sever 19 Main switch       Pert no.     Pri 2000 (Note: Soft Soft Soft Soft Soft Soft Soft Soft	General specifications	
Number of the sector of the	Product name	Eaton Moeller® series P1 Main switch
Product Length Diegh         200 millinere           Product the high         130 millinere           Product twight         165 klogram           Product twight         165 klogram           Product Sin Tays         165 klogram           Product Tay         165 klogram           Product Tay         165 klogram           Product Tay         165 klogram           Product Tay         165 klogram           Product Sin Tays         165 klogram           Product Sin Tays         165 klogram           Product Sin Tays         Name           Fautures         Name           Fautures         Name           Product Sin Tays         Name           Product Sin Tays         Name           Product Sin Tays         Name           Fautures         Name           Product Sin Tays         Name           Product Sin Tays         Name           Product Sin Tays         Name           Product Sin Tays         Na	Part no.	P1-25/SE1/SVB-SW
Product height     135 millimetre       Product Wohk     151 millimetre       Poduct wight     151 millimetre       Poduct Wohk     151 millimetre       Poduct Tudename     150 millimetre       Poduct Tudename	EAN	4015080894865
Preduct weight       184 millimetie         Preduct weight       164 kingram         Carrifications       165 kingram         Preduct Weight       165 kingram         Preduct Tedename       P         Preduct Tedename       Main workch         Preduct Toge       Main workch         Preduct Toge       Main workch         Preduct Sub Type       More         Entrop Nores       Insteid micitariant         Features & Functions       Varians and instein micitariant         Features A functions       Varians and instein micitariant         Freatures A functions       Varians and insteind         Features A functions       Varians and insteind         Freatures A functions       Varians and insteind         Restores       Varians and insteind         Barlow Aritic       Varians and insteind micitariant         Interdockalis       Interdockalis         Preducts (Samphane)       Lockalis in the 10(10%) position         Number optoles       Note         Deproof optocechino from adveching (Main and accining top 4 subscription)       Note         Deproof optocechino from adveching (Main and accining top 4 subscription)       Note         Deproof optocechino from adveching (Main and accining toptoceching top 4 subscription)       N	Product Length/Depth	200 millimetre
Product weight         Las klag am           Destifications         Las klag am           Product Trade         Las klag am           Product Trade         Las klag am           Product Trade         P           Product Trade         Name           Catalog Noes         Instel enclosure           Features & Functions         Version is an initiatenter/stavice switch           Features & Functions         Version is an initiatenter/stavice switch           Financias         Sectore Trade Short free Withstand Currant (low) for a time of 1 second           Financias         Sectore Trade Short free Withstand Currant (low) for a time of 1 second           Financias         Sectore Trade Short free Withstand Currant (low) for a time of 1 second           Reservers         Sectore Trade Short free Withstand Currant (low) for a time of 1 second           Reservers         Sectore Trade Short free Withstand Currant (low) for a time of 1 second           Reservers         Sectore Trade Short free Withstand Currant (low) for a time of 1 second           Degree of protection         Sectore Trade Short free Withstand Currant (low) for a time of 1 second           Muniting pastion<	Product height	135 millimetre
Cartifications         Interferences         Product Trademane         Product Trademane <thp< td=""><td>Product width</td><td>150 millimetre</td></thp<>	Product width	150 millimetre
Product Tudesame         Product Tudesame         Product Tudesame         Product Tudesame         Product Tudesame           Product Type         Main wortch         Main wortch           Product Type         Main wortch         None           Cataleg Mates         Main wortch         None           Cataleg Mates         Warsion as maintenance-/service wortch         None           Fatures         Varion as maintenance-/service wortch         None           Fatures         Varion as maintenance-/service wortch         None           Interformation         Interformation as maintenance-/service wortch         None           Accessaria         Interformation         None         None           Accessaria         None         None         None           General information         None         None         None           Accessaria         None         None         None           Operation formation         None         None         None           Mounting matchinad         None         None         None           Operation formation         None         None         None           None         None         None         None           Operating frequery         None         None         <	Product weight	1.65 kilogram
Product Type     Main switch       Poduct Sub Type     None       Catalog Notes     None       Features     Internet Sub Transmet Amarice Amarice switch       Features     Version as maintenance-Amarice switch       Functions     Version as maintenance-Amarice switch       Functions     Version as maintenance-Amarice switch       Functions     Three-orde       Conservation     StiPP function       Number of poles     Three-orde       Conservation     StiPP function       Degree of protection     Mouting method       Degree of protection (front side)     1965       Lidespan, mechanical     StiPP conservation       Degree of protection (front side)     1965       Lidespan     Strafe mounting       Oversiting method     1965       Degree of protection (front side)     1965       Lidespan     Strafe mounting       Outrointig method     1960       Oversiting method     1000 VaC       State isolation     400 V AC, Between the contacts, According to EN 61140       State isolation     15 g. Mechnical, According to EN 61140       State isolation	Certifications	IEC/EN 60947-3 IEC/EN 60947
Product Sub Type     None       Catalog Notos     in stele inclosure       Features & Functions     Rated Short-sime Withstand Current (lew) for a time of 1 second       Features & Functions     Version as maintenance-/service switch       Pata with:     Image: Ima	Product Tradename	P1
Catalog Notes         In stall anciours           Febtures & Functions         in stall anciours           Febtures & Functions         Version as maintonance / sorvice soutch           Finate with:         Version as main soutch           Finate with:         Interfactable           Functions         Interfactable           Locking facility         Locking facility           Number of poles         Interfactable           Central information         Interfactable           Accessories         Auxiliary contact or neutral conductor fitted by user.           Degree of protection (front side)         Interfactable           Lifuspan, mechanical         Interfactable           Mourring patition         Interfactable           Operationg requency         Interfactable </td <td>Product Type</td> <td>Main switch</td>	Product Type	Main switch
Features     Features     Features       Features     Version as maintonance/service switch       Features     Version as maintonance/service switch       Functions     Version as maintonance/service switch       Functions     Bielek totary handle and locking ring       Includes     Bielek totary handle and locking ring       Rote of poles     Three-pole       General information     Three-pole       Accessories     NetWen 2       Degree of protection (from side)     10000 Deartions       Lilespan, mechanical     1985       Maunting mathed     Surface mounting       Maunting mathed     1985       Operating frequency     Surface mounting       Outworking category     IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Product Sub Type	None
Features     revision as main tenance-/service switch       Fitted with:     Finde closs       Functions     Finde closs       functions     Finde closs       Locking facility     Fitted closs fitting       Number of poles     Fitted closs fitting       Accessories     Fitted closs       Degree of protection     Fitted closs fitting       Mounting position     Fitted close fitting       Mounting position     Fitted close fitting       Mounting requency     Fitted close fitting       Operating frequency     Fitted close fitting       Pollution degree     Fitted close fitting to fitting	Catalog Notes	
Principal         Version as main wortch           Functions         Block ratny Model and locking ring           Functions         Block ratny Model and locking ring           Functions         StOP Function           Lockable in the 010H position         StOP Function           Romeral information         For point           Accessories         For point           Obgree of protection (front side)         For point           Degree of protection (front side)         For point           Mounting method         For point           Mounting method         For point           Operating frequency         Stop for protection           Operating frequency         Stop for point           Operating frequency         Stop for point           Point of agree         Stop for point           Stock resistance         Stop for point           Stock resistance         Stop for point           Stock resistance         Stop for point           Stop for point         Sto	Features & Functions	
Functions     Interlockable STOP function       Locking facility     Interlockable STOP function       Number of poles     Interlockable Stoppen of protection     Interlockable Stoppen of protection       Degree of protection (front side)     Image: Stoppen Stop	Features	
Interpretation     Interpretation       Locking facility     Image: Color C	Fitted with:	Black rotary handle and locking ring
Number of poles         Free-pole           General information         Accessories         Auxiliary contact or neutral conductor fitted by user.           Degree of protection         Mundiary contact or neutral conductor fitted by user.           Degree of protection (front side)         Mundiary contact or neutral conductor fitted by user.           Mounting method         Mounting protection (front side)         IP65           Urfspan, mechanical         Surface mounting           Mounting protection (front side)         Surface mounting           Mounting protection         Surface mounting           Mounting protection (front side)         Surface mounting           Operating frequency         III         Respured           Overvoltage category         IIII         IIII           Pollution degree         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Functions	
Cherrent information     Mark information       Accessories     Auxiliary contract or neutral conductor fitted by user.       Degree of protection (front side)     NEMA 12       Degree of protection (front side)     P65       Lifespan, mechanical     Surface mounting       Mounting method     Surface mounting       Operations     Surface mounting       Operating frequency     Surface mounting       Overvotage category     10       Pollution degree     3       Rated impulse withstand votage (Uimp)     6000 VAC       Safe isolation     6000 VAC       Safe isolation     6000 VAC       Suitable for     Forminal According to IEC/EN 60068-2:27, Half-sinusoidal shock 20 ms       Suitable for     For our domuning       Suitable for     Forminal conditions       Ambient operating temperature (enclosed) - min     6000 VAC       Ambient operating temperature (enclosed) - min     6000 VAC       Ambient operating temperature (enclosed) - min     6000 VAC       Ambient operating temperature (enclosed) - min     70 ° °       Ambient operating temperature (enclosed) - min     70 °       Ambient operating temperature (enclosed) - min     70 °       Ambient operating temperature (enclosed) - min     11 (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 48228       Suitable caperities     11 (1 - 4) mm <sup>2</sup> , flex	Locking facility	Lockable in the 0 (Off) position
Accessor       Accessor       Auxiliary contact or neutral conductor fitted by user.         Degree of protection       MA 12         Degree of protection (front side)       90,000 Operations         Lifespan, mechanical       90,000 Operations         Mounting method       Surface mounting         Operations (from side)       Notal (2000 Operations/h         Operations (from side)       Notal (2000 Operations/h         Operation (from side)       Notal (2000 Operations/h         Overvoltage category       II         Pollution degree       II         Rated impulse withstand voltage (Uimpi)       II         Safe sity parameter (EN ISO 13849-1)       III         Shock resistance       III         Suitable for       Soudon on unuting         Switching angle       IIII         Climatic environmental conditions       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Number of poles	Three-pole
Degree of protection       NEMA 12         Degree of protection (front side)       P65         Lifespan, mechanical       Sourdo Degrations         Mounting method       Surface mounting         Mounting position       Surface mounting         Operating frequency       200 Operations/h         Overvoltage category       III         Pollution degree       3         Rated impulse withstand voltage (Uimp)       6000 VAC         Safe isolation       6000 VAC         Safe isolation       6000 VAC         Safe isolation       5100 values as par EN ISO 13849-1, table C.1         Shock resistance       59         Switching angle       90°         Climatic environmental conditions       52% C         Ambient operating temperature (enclosed) - min       -25°C         Ambient operating temperature (enclosed) - min       -25°C         Terminal capacities       1x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 45228         Terminal capacities       1x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 45228         X(1 - 5) mm <sup>2</sup> , solid or stranded       x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 45228	General information	
Degree of protection (front side)     P65       Idespan, mechanical     300,000 Operations       Mounting method     Surface mounting       Mounting position     200 Operations/h       Operating frequency     1200 Operations/h       Overvoltage category     III       Pollution degree     3       Rated impulse withstand voltage (Uimp)     6000 V AC       Safe isolation     6000 V AC       Safe isolation     6000 V AC       Suitable for     6000 V AC       Switching angle     90 °       Switching angle     90 °       Climatic environmental conditions     90 °       Ambient operating temperature (enclosed) - min     40 °C       Ambient operating temperature (enclosed) - min     1x (1 - 4) mm², flexible with ferrules to DIN 46228       Terminal capacities     1x (1 - 4) mm², flexible with ferrules to DIN 46228       Terminal capacities     1x (1 - 4) mm², flexible with ferrules to DIN 46228	Accessories	Auxiliary contact or neutral conductor fitted by user.
Lifespan, mechanical     300,000 Operations       Mounting method     Surface mounting       Mounting position     As required       Operating frequency     1200 Operations/h       Overvoltage category     III       Pollution degree     3       Rated impulse withstand voltage (Uimp)     6000 V AC       Safe isolation     440 V AC, Between the contacts, According to EN 61140       Shock resistance     15 g, Mechanical, According to EN 61140       Suitable for     15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms       Switching angle     90°       Climatic environmental conditions     90°       Ambient operating temperature (enclosed) - min     40 v °C       Terminal capacities     1x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228       Terminal capacity     1x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228	Degree of protection	NEMA 12
Mounting method         Surface mounting           Mounting position         As required           Operating frequency         1200 Operations/h           Overvoltage category         III           Pollution degree         6000 V AC           Rated impulse withstand voltage (Uimp)         6000 V AC           Safe isolation         6000 V AC           Safe isolation         5000 V AC           Shock resistance         5000 V AC           Shock resistance         5000 V AC           Suitable for         5000 V AC           Switching angle         5000 V AC           Climatic environmental conditions         5000 V AC           Ambient operating temperature (enclosed) - mina         90 °           Ambient operating temperature (enclosed) - mina         25 °C           Terminal capacities         40 °C           Terminal capacities         11 x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4)	Degree of protection (front side)	IP65
Mounting position         As required           Operating frequency         1200 Operations/h           Overvoltage category         III           Pollution degree         3           Rated impulse withstand voltage (Uimp)         6000 V AC           Safe isolation         6000 V AC           Safe isolation         For Work (AD Between the contacts, According to EN 61140           Shok resistance         For Work (AD Between the contacts, According to EN 61140           Switching angle         For Work (AD Between the contacts, According to EX 61140           Switching angle         For Work (AD Between the contacts, According to EX 61140           Ambient operating temperature (enclosed) - max         For Work (AD Between the contacts, According to EX 6140           Ambient operating temperature (enclosed) - max         For Work (AD Between the contacts, According to EX 6140           Terminal capacities         For Work (AD Between the contacts, According to EX 6140           Terminal capacity         For Work (AD Between the contacts, According to EX 6140	Lifespan, mechanical	300,000 Operations
Operations frequency         1200 Operations/h           Overvoltage category         III           Pollution degree         3           Rated impulse withstand voltage (Uimp)         6000 V AC           Safe isolation         6000 V AC           Safe isolation         8000 values as per EN ISO 13849-1, table C.1           Strip parameter (EN ISO 13849-1)         15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms           Switching angle         90 °           Switching angle         90 °           Ambient operating temperature (enclosed) - min         -25 °C           Ambient operating temperature (enclosed) - max         0 °           Terminal capacities         12(1 - 4) mm², flexible with ferrules to DIN 46228           Sci (1 - 4) mm², flexible with ferrules to DIN 46228         2 × (1 - 4) mm², solid or stranded × (1 - 5 + 0) m², solid or stranded × (1 - 5 + 0) m², solid or stranded × (1 - 5 + 0) m², solid or stranded × (1	Mounting method	Surface mounting
Overvoltage category       II         Overvoltage category       II         Pollution degree       3         Rated impulse withstand voltage (Uimp)       6000 V AC         Safe isolation       440 V AC, Between the contacts, According to EN 61140         Safety parameter (EN ISD 13849-1)       B10d values as per EN ISD 13849-1, table C.1         Shock resistance       5g, Mechanical, According to EE//EN 60068-2-27, Half-sinusoidal shock 20 ms         Switching angle       600 °         Switching angle       90 °         Climatic environmental conditions       90 °         Ambient operating temperature (enclosed) - min       -25 °C         Ambient operating temperature (enclosed) - max       40 °C         Terminal capacities       1 x (1 - 4) mm², flexible with ferrules to DIN 46228         X (1 + 4) mm², flexible with ferrules to DIN 46228       x (1 + 4) mm², flexible with ferrules to DIN 46228         X (1 + 4) mm², flexible with ferrules to DIN 46228       x (1 + 4) mm², flexible with ferrules to DIN 46228	Mounting position	As required
Pollution degree       3         Rated impulse withstand voltage (Uimp)       6000 V AC         Safe isolation       400 V AC, Between the contacts, According to EN 61140         Safety parameter (EN ISO 13849-1)       B10d values as per EN ISO 13849-1, table C.1         Shock resistance       59, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms         Switching angle       6000 V AC         Climatic environmental conditions       90 °         Ambient operating temperature (enclosed) - min       -25 °C         Ambient operating temperature (enclosed) - max       40 °C         Terminal capacities       1 x (1 - 4) mm², flexible with ferrules to DIN 46228 x (1 - 4) mm², solid or stranded x (1 - 5) mm², solid or stranded	Operating frequency	1200 Operations/h
Rated impulse withstand voltage (Uimp)       6000 V AC         Safe isolation       400 V AC, Between the contacts, According to EN 61140         Safety parameter (EN ISO 13849-1)       B10d values as per EN ISO 13849-1, table C.1         Shock resistance       5 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms         Suitable for       Ground mounting         Switching angle       90 °         Climatic environmental conditions       -25 °C         Ambient operating temperature (enclosed) - max       40 °C         Terminal capacities       1x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2x (1 - 5) mm <sup>2</sup> , solid or stranded 1x (1 - 5) mm <sup>2</sup> , solid or stranded 1x (1 - 5) mm <sup>2</sup> , solid or stranded	Overvoltage category	
Safe isolation       440 V AC, Between the contacts, According to EN 61140         Safety parameter (EN ISO 13849-1)       B100 values as per EN ISO 13849-1, table C.1         Shock resistance       15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms         Suitable for       Ground mounting         Switching angle       90 °         Climatic environmental conditions       90 °         Ambient operating temperature (enclosed) - min       440 °C         Ambient operating temperature (enclosed) - max       440 °C         Terminal capacities       1 × (1 - 4) mm², flexible with ferrules to DIN 46228 × (1 5 - 6) mm², solid or stranded	Pollution degree	3
Safety parameter (EN ISO 13849-1)       B10d values as per EN ISO 13849-1, table C.1         Shock resistance       15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms         Suitable for       Ground mounting         Switching angle       0°         Climatic environmental conditions       -25 °C         Ambient operating temperature (enclosed) - min       40 °C         Terminal capacities       1x (1 - 4) mn <sup>2</sup> , flexible with ferrules to DIN 46228 × (1 - 4) mm <sup>2</sup> , solid or stranded × (1 - 4) mm <sup>2</sup> , solid or stranded × (1 - 4) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) mm <sup>2</sup> , solid or stranded × (1 - 5) m <sup>2</sup> , solid or stranded × (1 - 5) m <sup>2</sup> , solid or stranded × (1 - 5) m <sup>2</sup> , solid or stranded × (1 - 5) m <sup>2</sup> , solid or stranded × (1 - 5) m <sup>2</sup> , solid or	Rated impulse withstand voltage (Uimp)	6000 V AC
Shock resistance       15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms         Suitable for       Ground mounting         Switching angle       90 °         Climatic environmental conditions       Mabient operating temperature (enclosed) - min         Ambient operating temperature (enclosed) - max       -25 °C         Terminal capacities       40 °C         Terminal capacity       1x (1 - 4) mm², flexible with ferrules to DIN 46228 x (1 - 4) mm², flexible with ferrules to DIN 46228 x (1 - 4) mm², flexible with ferrules to DIN 46228 x (1 - 4) mm², solid or stranded x (1 - 5) mm², solid or stranded x (1 -	Safe isolation	440 V AC, Between the contacts, According to EN 61140
Suitable for     Ground mounting       Switching angle     90°       Climatic environmental conditions     60000       Ambient operating temperature (enclosed) - minx     60000       Ambient operating temperature (enclosed) - max     60000       Terminal capacities     1x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², solid or stranded	Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Switching angle     90 °       Climatic environmental conditions     600 °       Ambient operating temperature (enclosed) - min     -25 °C       Ambient operating temperature (enclosed) - max     40 °C       Terminal capacities     1 × (1 - 4) mm², flexible with ferrules to DIN 46228 2× (1 - 4) mm², flexible with ferrules to DIN 46228 2× (1 - 5) mm², solid or stranded 1× (1 - 5) mm², solid or stranded 1× (1 - 5) mm², solid or stranded	Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
Climatic environmental conditions     Model       Ambient operating temperature (enclosed) - minx     -25 °C       Ambient operating temperature (enclosed) - max     -25 °C       Terminal capacities     -25 °C       Terminal capacity     -25 °C       Image: State St	Suitable for	Ground mounting
Ambient operating temperature (enclosed) - min     Participation     Participation     Participation       Ambient operating temperature (enclosed) - max       Terminal capacities     Terminal capacity     I x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², flexible with ferrules to DIN 46228 2x (1 - 4) mm², solid or stranded 1x (1 - 5 - 6) mm², solid or stranded 1x (1 - 5	Switching angle	90 °
Ambient operating temperature (enclosed) - max     40 °C       Terminal capacities     1 × (1 - 4) mm², flexible with ferrules to DIN 46228 2 × (1 - 4) mm², flexible with ferrules to DIN 46228 2 × (1 - 4) mm², flexible with ferrules to DIN 46228 2 × (1 - 5 - 6) mm², solid or stranded 1 × (1 - 5 - 6) mm², solid or stranded	Climatic environmental conditions	
Terminal capacities       1 × (1 - 4) mm², flexible with ferrules to DIN 46228         Terminal capacity       1 × (1 - 4) mm², flexible with ferrules to DIN 46228         2 × (1 - 4) mm², flexible with ferrules to DIN 46228       2 × (1 - 4) mm², flexible with ferrules to DIN 46228         1 × (1.5 - 6) mm², solid or stranded       1 × (1.5 - 6) mm², solid or stranded	Ambient operating temperature (enclosed) - min	-25 °C
Terminal capacity       1 x (1 - 4) mm², flexible with ferrules to DIN 46228         2 x (1 - 4) mm², flexible with ferrules to DIN 46228         2 x (1 - 4) mm², flexible with ferrules to DIN 46228         1 x (1.5 - 6) mm², solid or stranded         1 x (1.5 - 6) mm², solid or stranded	Ambient operating temperature (enclosed) - max	40 °C
Terminal capacity       1 x (1 - 4) mm², flexible with ferrules to DIN 46228         2 x (1 - 4) mm², flexible with ferrules to DIN 46228         2 x (1 - 4) mm², flexible with ferrules to DIN 46228         1 x (1.5 - 6) mm², solid or stranded         1 x (1.5 - 6) mm², solid or stranded	Terminal capacities	
Screw size M4, Terminal screw	· · ·	2 x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2 x (1.5 - 6) mm <sup>2</sup> , solid or stranded
	Screw size	M4, Terminal screw

Tightening torque	14 Nm, Screw terminals 1.6 Nm, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	190 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	150 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	170 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	150 A
Rated operational current (le) at AC-21, 440 V	25 A
Rated operational current (le) at AC-23A, 230 V	25 A
Rated operational current (le) at AC-23A, 400 V, 415 V	25 A
Rated operational current (le) at AC-23A, 500 V	17.4 A
Rated operational current (le) at AC-23A, 690 V	12 A
Rated operational current (le) at AC-3, 220 V, 230 V, 240 V	19.6 A
Rated operational current (le) at AC-3, 380 V, 400 V, 415 V	15.2 A
Rated operational current (le) at AC-3, 500 V	12.1 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	8.8 A
Rated operational current (le) at DC-1, load-break switches l/r = 1 ms	25 A
Rated operational current (Ie) at DC-23A, 24 V	25 A
Number of contacts in series at DC-23A, 24 V	1
Rated operational current (le) at DC-23A, 48 V	25 A
Number of contacts in series at DC-23A, 48 V	2
Rated operational current (le) at DC-23A, 60 V	25 A
Number of contacts in series at DC-23A, 60 V	2
Rated operational current (le) at DC-23A, 120 V	12 A
Number of contacts in series at DC-23A, 120 V	3
	5.5 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	13 kW
Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	11 kW
Rated operational power at AC-23A, 690 V, 50 Hz	11 kW
Rated operational power at AC-3, 380/400 V, 50 Hz	7.5 kW
Rated operational power at AC-3, 415 V, 50 Hz	7.5 kW
Rated operational power at AC-3, 690 V, 50 Hz	7.5 kW
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (lu)	25 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Voltage per contact pair in series	60 V
Short-circuit rating	
Rated conditional short-circuit current (Iq)	0 kA
Rated short-time withstand current (Icw)	640 A, Contacts, 1 second 0.64 kA
Short-circuit protection rating	25 A gG/gL, Fuse, Contacts
Switching capacity	
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	240 A
Load rating Contacts	1.6 x I# (with intermittent operation class 12, 40 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor) 2 x I# (with intermittent operation class 12, 25 % duty factor)
Control circuit reliability	1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	0
Actuator	
Actuator color	Black
Actuator type	Door coupling rotary drive
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## **Technical data ETIM 8.0**

Low-voltage industrial components (EG000017) / Switch disconnector (EC000216)

Electric engineering, automation, process control engineering / Low-voltage sv [AKF060013])	witch technology / Off-load	switch, circuit breaker, control switch / Switch disconnector (ecl@ss10.0.1-27-37-14-0
Version as main switch		No
Version as maintenance-/service switch		Yes
Version as safety switch		No
Version as emergency stop installation		No
Version as reversing switch		No
Number of switches		1
Max. rated operation voltage Ue AC	V	690
Rated operating voltage	V	690 - 690
Rated permanent current lu	А	25
Rated permanent current at AC-23, 400 V	А	25
Rated permanent current at AC-21, 400 V	А	25
Rated operation power at AC-3, 400 V	kW	7.5
Rated short-time withstand current lcw	kA	0.64
Rated operation power at AC-23, 400 V	kW	13
Switching power at 400 V	kW	11
Conditioned rated short-circuit current Iq	kA	0
Number of poles		3
Number of auxiliary contacts as normally closed contact		0
Number of auxiliary contacts as normally open contact		0
Number of auxiliary contacts as change-over contact		0
Motor drive optional		No
Motor drive integrated		No
Voltage release optional		No
Device construction		Complete device in housing
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
Type of control element		Door coupling rotary drive
Interlockable		Yes
Type of electrical connection of main circuit		Screw connection
Degree of protection (IP), front side		IP65
Degree of protection (NEMA)		12