DATASHEET - T3-4-8440/E

Multi-speed switches, T3, 32 A, flush mounting, 4 contact unit(s), Contacts: 8, 60 °, maintained, With 0 (Off) position, 0-1-2, Design number 8440



Part no.

T3-4-8440/E 035760

General specifications	
Product name	Eaton Moeller® series T3 Multi-speed switch
Part no.	T3-4-8440/E
EAN	4015080357605
Product Length/Depth	114 millimetre
Product height	54 millimetre
Product width	61 millimetre
Product weight	0.252 kilogram
Certifications	CSA-C22.2 No. 60947-4-1-14 IEC/EN 60947-3 CE CSA Class No.: 3211-05 UL 60947-4-1 CSA File No.: 012528 UL UL File No.: E36332 CSA UL Category Control No.: NLRV IEC/EN 60204 VDE 0660 IEC/EN 60947 CSA-C22.2 No. 94
Product Tradename	Т3
Product Type	Multi-speed switch
Product Sub Type	None
Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions	
Enclosure material	Plastic
Fitted with:	0 (off) position Black thumb grip and front plate
Inscription	0-1-2
Number of poles	3
Switch function type	One tapped winding, 2 speeds
General information	
Degree of protection	NEMA 12 NEMA 1 IP65
Degree of protection (front side)	IP65 NEMA 12
Lifespan, mechanical	500,000 Operations
Model	Dahlander switch
Mounting method	Flush mounting
Mounting position	As required
Number of contact units	4
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
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	Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting
Switching angle	60 °

Type	Multi-speed switch
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	50 °C
Ambient operating temperature (enclosed) - min	-25 °C
Ambient operating temperature (enclosed) - max	40 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Terminal capacities	
Terminal capacity (flexible with ferrule)	1 x (0.75 - 4) mm², ferrules to DIN 46228 2 x (0.75 - 4) mm², ferrules to DIN 46228
Terminal capacity (solid/flexible with ferrule AWG)	14 - 10
Terminal capacity (solid/stranded)	2 x (1 - 6) mm ² 1 x (1 - 6) mm ²
Screw size	M4, Terminal screw
Tightening torque	1.6 Nm, Screw terminals 17.7 Ib-in, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	260 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	260 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	240 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	170 A
Rated operational current (le)	32 A at AC-3, 400 V star-delta 32 A at AC-3, 500 V star-delta 25.5 A at AC-3, 690 V star-delta 32 A at AC-3, 230 V star-delta
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	23.7 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	23.7 A
Rated operational current (Ie) at AC-3, 500 V	23.7 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	14.7 A
Rated operational current (Ie) at AC-21, 440 V	32 A
Rated operational current (Ie) at AC-23A, 230 V	32 A
Rated operational current (Ie) at AC-23A, 400 V, 415 V	32 A
Rated operational current (Ie) at AC-23A, 500 V	26.4 A
Rated operational current (Ie) at AC-23A, 690 V	17 A
Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	25 A
Rated operational current (Ie) at DC-13, control switches L/R = 50 ms	20 A
Rated operational current (Ie) at DC-21, 240 V	1 A
Rated operational current (Ie) at DC-23A, 24 V	25 A
Rated operational current (Ie) at DC-23A, 48 V	25 A
Rated operational current (Ie) at DC-23A, 60 V	25 A
Rated operational current (Ie) at DC-23A, 120 V	12 A
Rated operational current (Ie) at DC-23A, 240 V	5 A
Rated operational power at AC-3, 380/400 V, 50 Hz	12 kW
Rated operational power at AC-3, 415 V, 50 Hz	11 kW
Rated operational power at AC-3, 690 V, 50 Hz	11 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 400 V, 50 Hz	15 kW
Rated operational power at AC-23A, 500 V, 50 Hz	15 kW
Rated operational power at AC-23A, 690 V, 50 Hz	15 kW
Rated operational power star-delta at 220/230 V, 50 Hz	7.5 kW
Rated operational power star-delta at 380/400 V, 50 Hz	15 kW
Rated operational power star-delta at 500 V, 50 Hz	18.5 kW
Rated operational power star-delta at 690 V, 50 Hz	22 kW
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	32 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.

Inductional short-incervit related current (lev) EXA Contact, is seed Band container withstand current (lev) EXA Contact, is seed Short-incervit relating (label: cating) EXA Contact, is seed Short-incervit relating (label: cating) EXA Contact, is seed Short-incervit relating (label: cating) EXA SOCI (IUCSA) Number of catings: in series at 00-ZAA, 2V0 EXA Socie (IUCSA) Number of catings: in series at 00-ZAA, 2V0 EXA Socie (IUCSA) Number of catings: in series at 00-ZAA, 2V0 EXA Socie (IUCSA) Number of catings: in series at 00-ZAA, 2V0 EXA Socie (IUCSA) Number of catings: in series at 00-ZAA, 2V0 EXA Socie (IUCSA) Number of catings: in series at 00-ZAA, 2V0 EXA Socie (IUCSA) Societing cating (label: cating cati	Short-circuit rating	
Bandame ander arrand point arrand randy arrang basic maniferBand Add Status arrand arrand arrang basic mainSolution arrand arrand point bar andSolution arrand arrand point bar andSolution arrand arrand point bar andSolution arrand arrand point arrand arrang basic mainSolution arrand arrand point bar andSolution arrand arrand point arrand arrang basic mainSolution arrand arrand point arrand arrang bar arrang basic mainSolution arrand arrang basic mainSolution arrand arrand point arrand arrang bar arrang basic mainSolution arrand arrang basic mainNumber of contacts in array as DOLA, AVSolution arrand arrang basic mainNumber of contacts in array as DOLA, AVSolution arrand arrang basic mainNumber of contacts in array as DOLA, AVSolution array arr		114
Source curve training (source strain)Source		
Byser-order during layer hole By		
Bit with the section of a se		40A, max. Fuse, SCCR (UL/CSA)
Switching capacityI and ratingI as I plathinermitter operation lass 12, 41 % day factor) 1.5 × I plathinermitter operation lass 12, 41 % day factor) <td>Short-circuit current rating (high fault)</td> <td></td>	Short-circuit current rating (high fault)	
Let reingSignify an intermitting concision tase 12.8.9.5 day factorNumber of catacts is arise at 0.7.14, 29V1Number of catacts is arise at 0.7.14, 29V1Number of catacts is arise at 0.7.24, 29V1Soluting capacity hunding catacts, prevalue0Soluting catacts is arise at 0.7.24, 29V1Soluting capacity hunding catacts is arise at 0.7.24, 29V1Soluting catacts is arise at 0.7.24, 29V1 <td>Short-circuit protection rating</td> <td>35 A gG/gL, Fuse, Contacts</td>	Short-circuit protection rating	35 A gG/gL, Fuse, Contacts
Number of contacts in series at DC 21A, 26VSet Method interminent operation class 12, 45 May frector)Number of contacts in series at DC 21A, 26VINumber of contacts in series at DC 23A, 6VINumber of contacts, global cultureINumber of contacts, glo	Switching capacity	
Number of carnets in series at DC 284, 4V I Number of carnets in series at DC 284, 4V I Number of carnets in series at DC 284, 4V I Number of carnets in series at DC 284, 4V I Number of carnets in series at DC 284, 4V I Number of carnets in series at DC 284, 4V I Switching capacity (auxiliary contacts, percel use) I Switching capacity (auxiliary contacts, percel use) I Asserting capacity (auxiliary contacts, percel use) I Muther of carnets at at DC 284, 42V I Number of carnets percel use) I MARG (11/CSA) Asserting capacity (auxiliary contacts, pinci dity) I I MARG (11/CSA) Asserting canactity at at attrass I I I Asserting canactity (auxiliary contacts, pinci dity) I I IIII IIIII Asserting canactity (auxiliary contacts, pinci dity) IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Load rating	1.6 x I# (with intermittent operation class 12, 40 % duty factor)
Number of contacts in series at DC 23A, 45 VImage: Proceedings of Contacts in series at DC 23A, 20 VSNumber of contacts in series at DC 23A, 20 VProceedings of Contacts in series at DC 23A, 20 VProceedings of Contacts in series at DC 23A, 20 VNumber of contacts in series at DC 23A, 20 VProceedings of Contacts in series at DC 23A, 20 VProceedings of Contacts in series at DC 23A, 20 VSwitching capacity (uniliary contacts, priority (uniliary contacts, priority)Proceedings of Contacts in seriesProceedings of Contacts in seriesNumber of contacts priority (uniliary contacts, priority)Proceedings of Contacts in seriesProceedings of Contacts in seriesNumber of contacts priority (uniliary contacts, priority)Proceedings of Contacts in seriesProceedings of Contacts in seriesNumber of contacts priority (uniliary contacts, priority)Proceedings of Contacts in seriesProceedings of Contacts in seriesNumber of contacts priority (uniliary contacts, priority)Proceedings of Contacts in seriesProceedings of Contacts in seriesNumber of contacts priority (uniliary contacts (proceedings of Contacts)Proceedings of Contacts in seriesProceedings of Contacts in seriesAssigned metter prover at 202400 VI, 90 Hz, 3-phaseProceedings of Contacts in seriesProceedings of Contacts in seriesAssigned metter prover at 20240 VI, 90 Hz, 3-phaseProceedings of Contacts in seriesProceedings of Contacts in seriesNumber of causality contacts (normally contacts (norm	Number of contacts in series at DC-21A, 240 V	1
Number of contacts in saries at DC 2A3, ROVImage of contacts in saries at DC 2A3, ROVImage of contacts in saries at DC 2A3, ROVNumber of contacts inseries at DC 2A3, ROVImage of Contacts, Rover at SASwitching capacity (nain contacts, general uso)Image of SA, Rode uninterrupted current max. RUCSA)Switching capacity (nain contacts, general uso)Image of SA, Rode uninterrupted current max. RUCSA)Switching capacity (nain contacts, general uso)Image of SA, Rode uninterrupted current max. RUCSA)Switching capacity (nain contacts, general uso)Image of SA, Rode uninterrupted current max. RUCSA)Nutage per contact pair in areasImage of SA, Rode Unit/SA, Rode Units, Rode		
Number of contacts in series al DC-23A, 200 V 3 Number of contacts in series al DC-23A, 200 V 5 Switching capacity (senilary contacts, general use) 10A (U, U, U, U, CSA) Switching capacity (senilary contacts, general use) 20A (D, U, U, U, U, CSA) Switching capacity (senilary contacts, general use) 20A (D, U, U, U, U, CSA) Switching capacity (senilary contacts, general use) 20A (D, U, U, U, U, CSA) Number of contacts pair in series 20A (D, U, U, CSA) Motor rating 20A (D, U, U, CSA) Assigned motor power at 150/200 (W, D, 1-phase 20A (D, U, CSA) Assigned motor power at 2002 (W, 0, D, 1-phase 20A (D, U, CSA) Assigned motor power at 2002 (W, 0, D, 1-phase 20A (D, U, CSA) Assigned motor power at 2002 (W, 0, D, 1-phase 20A (D, U, CSA) Assigned motor power at 2002 (W, 0, D, 1-phase 20A (D, U, CSA) Assigned motor power at 2002 (W, 0, D, 1-phase 20A (D, U, CSA) Assigned motor power at 2002 (W, 0, D, 1-phase 20A (D, U, CSA) Assigned motor power at 2002 (W, 0, D, 1-phase 20A (D, U, CSA) Assigned motor power at 2002 (W, 0, D, 1-phase 20A (D, U, CSA) Assigned motor power at 2002 (W, 0, D, 1-phase 20A (Number of contacts in series at DC-23A, 48 V	2
Number of contacts in series at DC-204, 240 V Image: DC-204, 240 V Image: DC-204, 240 V Switching capacity laadiary contacts, general usel Image: DC-204, 00, 00, 00, 00, 00, 00, 00, 00, 00,	Number of contacts in series at DC-23A, 60 V	3
Switching capacity inadian contacts, general usal Image: Spacity inadian contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Rada making capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal Switching capacity inadiany contacts, general usal, general usa	Number of contacts in series at DC-23A, 120 V	3
Switching capacity (auxiliary centrats, general use) Iok RU, ULCSA) Switching capacity (auxiliary centrats, general use) Add (ULCSA) Rated making capacity (auxiliary centrats, general use) Book Contracts Rated making capacity (auxiliary centrats, general use) Book Contracts Rated making capacity (auxiliary centrats, general use) Book Contracts Assigned motor power at 115/120 V.60 Hz, 1-phase Book Contracts Assigned motor power at 2002/00 Hz, 1-phase Si HP Assigned motor power at 2002/00 Hz, 1-phase Si HP Assigned motor power at 2002/00 Hz, 1-phase Si HP Assigned motor power at 2002/00 Hz, 1-phase He Assigned motor power at 2002/00 Hz, 2-phase He Assigned motor power at 2002/00 Hz, 2-phase He Assigned motor power at 505600 Vz BHz, 2-phase He Assigned motor power at 505600 Vz BHz, 2-phase He Assigned motor power at 505600 Vz BHz, 2-phase Boot Total HE Mumber of auxiliary contacts (chang-over centacts) Inflier per 10,000 awitching operations statistically determined, at 24 V DC, 01 Number of auxiliary contacts (chang-over centacts) Inflier per 10,000 awitching operations Societ motor field anormality contact		
Switching capacity (auxilary contacts, plot duly) Addit UUCSA) Rade making capacity up to 880 V (cos ph to EC/EN 0894-3) 60 V Watage per contact pair in series 60 V Assigned motor power at 115/200 K0 Hz, 1phase 60 V Assigned motor power at 200200 V, 60 Hz, 3phase 31P Assigned motor power at 200200 V, 60 Hz, 3phase 31P Assigned motor power at 200200 V, 60 Hz, 3phase 31P Assigned motor power at 200200 V, 60 Hz, 3phase 31P Assigned motor power at 200200 V, 60 Hz, 3phase 75 HP Assigned motor power at 200200 V, 60 Hz, 3phase 75 HP Assigned motor power at 200200 V, 60 Hz, 3phase 75 HP Control 10 HP Mumber of auxiliary contacts (hormally colored contacts) 0 Number of auxiliary contacts (hormally colored contacts) 0 Number of auxiliary contacts (hormally colored contacts) 0 Actuator function 0 Bet period au		
Rade making capacity up to 690 V (cos phi to EC/CN 0897-3) PeoD (UUCSA) Notage per context pair in series 60 V Motor rating 60 V Assigned motor power at 100/120 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Assigned motor power at 200/200 V, 60 Hz, 1-phase 51 HP Contracts 61 HP Contracts 61 HP Contracts 61 HP Contracts 61 HP Assigned motor power at 200/200 V, 60 Hz,		
Voltage per context pair in series 60 V Motor rating 60 V Assigned motor power at 2020 VS (60 Hz, 1-phase 3 HP Assigned motor power at 2020 VS (60 Hz, 1-phase 3 HP Assigned motor power at 2020 VS (60 Hz, 1-phase 3 HP Assigned motor power at 2020 VS (60 Hz, 1-phase 3 HP Assigned motor power at 2020 VS (60 Hz, 1-phase 3 HP Assigned motor power at 2020 VS (60 Hz, 1-phase 3 HP Assigned motor power at 2020 VS (60 Hz, 1-phase 3 HP Assigned motor power at 2020 VS (60 Hz, 1-phase 3 HP Assigned motor power at 2020 VS (60 Hz, 1-phase 10 HP Contracts 0 Contracts 0 Number of auxiliary contacts (hammaly open contacts) 0 Actuator 0 Actuator function 0 Rel displation, current-dependent Pvid 0 Heat dissipation on current displation (In) 2 Dis2.1 Verif	Switching capacity (auxiliary contacts, pilot duty)	
Notor rating Image: stage of motor power at 115/120 v.60 Hz, 1-phase Image: stage of motor power at 200208 v.60 Hz, 1-phase Image: stage of motor power at 200208 v.60 Hz, 1-phase Image: stage of motor power at 200208 v.60 Hz, 1-phase Image: stage of motor power at 200208 v.60 Hz, 1-phase Image: stage of motor power at 200208 v.60 Hz, 1-phase Image: stage of motor power at 200208 v.60 Hz, 1-phase Image: stage of motor power at 200208 v.60 Hz, 3	Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	320 A
Assigned motor power at 15/120 V, 60 Hz, 1-phase15 HPAssigned motor power at 200208 V, 60 Hz, 1-phase3 HPAssigned motor power at 200208 V, 60 Hz, 1-phase3 HPAssigned motor power at 200208 V, 60 Hz, 1-phase3 HPAssigned motor power at 200208 V, 60 Hz, 1-phase3 HPAssigned motor power at 200208 V, 60 Hz, 2-phase10 HPAssigned motor power at 200208 V, 60 Hz, 2-phase10 HPControl creuk reliability1 failure per 100,000 switching operations statistically determined, at 24 VD C, 10Number of auxiliary contracts (hange-over contracts)0Number of auxiliary contracts (hange-over contracts)0Actuator0Actuator function0Actuator function0Actuator function0Actuator function0Beijonen heat dissipation, current-dependent Pvid0Heat dissipation aperator for specific dheat dissipation (h)22 ARed operational current for specific dheat dissipation (h)0Bead operational current for specific dheat diss	Voltage per contact pair in series	60 V
Asigned motor power at 200208 V, 60 Hz, 1-phase Asigned motor power at 200208 V, 60 Hz, 3-phase Asigned motor power at 200208	Motor rating	
Assigned motor power at 200/200 V, 60 Hz, 3-phase IMP Assigned motor power at 200/200 V, 60 Hz, 1-phase IMP Assigned motor power at 200/200 V, 60 Hz, 3-phase IMP Assigned motor power at 200/200 V, 60 Hz, 3-phase IMP Assigned motor power at 500/200 V, 60 Hz, 3-phase IMP Assigned motor power at 500/200 V, 60 Hz, 3-phase IMP Control circuit reliability Imp Number of auxiliary contacts (hormally clased contacts) Imp Number of auxiliary contacts (normally clased contacts) Imp Actuator Imp Actuator function Vith 0 (Df) position Actuator function Vith 0 (Df) position Actuator true Vith 0 (Df) position Actuator true Imp Actuator true Imp Basignation capechy Polis Imp Beaginer that dissipation, current-dependent Pvid Imp Heat dissipation, current-dependent Pvid Imp Basignet disting to in resistance Imp Basignet disting to in current-dependent Pvid Imp Basignet function Imp Build in that dissignation, current-dependent Pvid Imp Basti	Assigned motor power at 115/120 V, 60 Hz, 1-phase	1.5 HP
Assigned motor power at 230/240 V, 60 Hz, 1-phase 3 HP Assigned motor power at 230/240 V, 60 Hz, 3-phase 3 HP Assigned motor power at 250/240 V, 60 Hz, 3-phase 5 HP Assigned motor power at 575/600 V, 60 Hz, 3-phase 16 HP Contracts 1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 Contract (reliability 1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 Number of auxiliary contacts (normally closed contacts) 0 Number of auxiliary contacts (normally closed contacts) 0 Number of auxiliary contacts (normally closed contacts) 8 Actuator function 0 Actuator function 0 Actuator function 0 Equipment heat dissipation, current-dependent Pvid 0 Heat dissipation, current-dependent Pvid 0 Ratud oper actional stability of enclosures 0 Static heat dissipation, non-current-dependent Pvid 0 ID 22 Corrosion resistance 0 ID 22 Loring to instatist to abnormal heat/fire by internal elect. effort 0 ID 22 Loring to instatistic normal heat/fire by internal elect. effort 0	Assigned motor power at 200/208 V, 60 Hz, 1-phase	3 HP
Assigned motor power at 280/240 V. 60 Hz, 3-phase IMP Assigned motor power at 480/480 V. 60 Hz, 3-phase IMP Sequed motor power at 575/600 V. 60 Hz, 3-phase IMP Control circuit reliability Imp of auxiliary contacts (normally closed contacts) Imp of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally closed contacts) Imp of auxiliary contacts (normally closed contacts) Imp of auxiliary contacts (normally closed contacts) Number of contacts Imp of auxiliary contacts (normally closed contacts) Imp of auxiliary contacts (normally closed contacts) Actuator function Imp of auxiliary contacts (normally closed contacts) Imp of auxiliary contacts (normally closed contacts) Actuator function Imp of auxiliary contacts (normally closed contacts) Imp of auxiliary contacts (normally closed contacts) Actuator function Imp of auxiliary contacts (normally closed contacts) Imp of auxiliary contacts (normally closed contacts) Actuator function Imp of auxiliary contacts (normally closed contacts) Imp of auxiliary contacts (normally closed contacts) Returb function Imp of auxiliary contacts Imp of auxiliary contacts Returb function Imp of auxiliary contacts Imp of auxiliary contacts Returb functin Imp of auxiliary contacts Imp of a	Assigned motor power at 200/208 V, 60 Hz, 3-phase	3 HP
Assigned motor power at 480/480 V, 60 Hz, 3-phase 75 HP Assigned motor power at 575/600 V, 60 Hz, 3-phase 10 HP Contracts 1 failure per 100,000 switching operations statistically determined, at 24 VDC, 10 Number of auxiliary contacts (hange-over contacts) 0 Number of auxiliary contacts (normally closed contacts) 0 Number of auxiliary contacts (normally closed contacts) 0 Number of auxiliary contacts (normally closed contacts) 0 Actuator 0 Actuator function 0 Actuator function With 0 (0fl position Actuator function 0 Requestion capacity Pdiss 0 Heat dissipation, current-dependent Pvid 0 Heat dissipation approble, current-dependent Pvid 0 Relat operational current for specified heat dissipation (n) 32 A Static heat dissipation, non-current-dependent Pvid 0W Rolaz Static heat dissipation (n) 24 Rolaz Static heat dissipation (n) 32 A Rolaz Corrosion resistance Miters the product standard's requirements. Rolaz Static heat dissipation (n) 24 Rolaz Static heat dissipation (n) 24 <td< td=""><td>Assigned motor power at 230/240 V, 60 Hz, 1-phase</td><td>3 HP</td></td<>	Assigned motor power at 230/240 V, 60 Hz, 1-phase	3 HP
Assigned motor power at 575/600 V, 60 Hz, 3-phase Image: Contracts 1 PP Contracts Image: Contracts <t< td=""><td>Assigned motor power at 230/240 V, 60 Hz, 3-phase</td><td>3 HP</td></t<>	Assigned motor power at 230/240 V, 60 Hz, 3-phase	3 HP
Contacts I failure per 100,000 switching operations statistically determined, at 24 V DC, 10 Number of auxiliary contacts (hannage-over contacts) 0 Number of auxiliary contacts (normally closed contacts) 0 Number of auxiliary contacts (normally closed contacts) 0 Number of auxiliary contacts (normally open contacts) 0 Number of auxiliary contacts (normally open contacts) 0 Autotor function 0 Actuator 0 Actuator type 0 Design verification Vith 0 (Off) position Rated operational current-dependent Pvid 0 Heat dissipation, current-dependent Pvid 0 Heat dissipation pr pole, current-dependent Pvid 0 Rated operational current for specified heat dissipation (In) 32 A Static heat dissipation of neural stability of enclosures 0W 102.31 Verification of thermal stability of enclosures 0W 102.32 Verification of neural stability of enclosures Meets the product standard's requirements. 102.32 Verification of neural stability of enclosures Meets the product standard's requirements. 102.32 Verification of neural stability of enclosures Meets the product standard's requirements. 102.32	Assigned motor power at 460/480 V, 60 Hz, 3-phase	7.5 HP
Control circuit reliability If alive per 100,000 switching operations statistically determined, at 24 V DC, 10 Number of auxiliary contacts (change-over contacts) Image: Control circuit reliability of contacts) Image: Control circuit reliability of contacts) Number of auxiliary contacts (normally closed contacts) Image: Contacts Image: Contacts Number of auxiliary contacts (normally closed contacts) Image: Contacts Image: Contacts Number of contacts Image: Contacts Image: Contacts Actuator Image: Contacts Image: Contacts Actuator function Image: Contacts Image: Contacts Actuator type Image: Contacts Image: Contacts Design verification Image: Contacts Image: Contacts Equipment heat dissipation, current-dependent Pvid Image: Contacts Image: Contacts Heat dissipation pre pole, current-dependent Pvid Image: Contacts Image: Contacts Image: Contact Contact Contacts Image: Contacts Image: Contacts Image: Contact	Assigned motor power at 575/600 V, 60 Hz, 3-phase	10 HP
Imply mA) Number of auxiliary contacts (change-over contacts) 0 Number of auxiliary contacts (normally closed contacts) 0 Number of auxiliary contacts (normally closed contacts) 0 Number of auxiliary contacts (normally closed contacts) 0 Number of auxiliary contacts (normally open contacts) 0 Number of contacts 0 Actuator 0 Actuator function 0 Actuator function 0 Equipment heat dissipation, current-dependent Pvid 0 Heat dissipation capacity Pdiss 0 Ital advertational current for specified heat dissipation (In) 0 Ital 22 Corrosion resistance 0 Ital 23 Nerification of thermal stability of enclosures 0 Ital 24 Streich of of itsult materials to normal heat 0 Ital 23 Nerification of thermal stability of enclosures 0 Ital 24 Streich of of itsult materials to normal heat 0 Ital 24 Nerification of thermal stability of enclosures 0 Ital 24 Nerification of thermal stability of enclosures 0 Ital 24 Nerification of thermal stability of enclosures 0 Ital 24 Nerification of therenal st	Contacts	
Number of auxiliary contacts (normally closed contacts) Image: Contacts (normally closed contacts) Number of auxiliary contacts (normally closed contacts) Image: Contacts (normally closed contacts) Number of contacts Image: Contacts (normally closed contacts) Number of contacts Image: Contacts (normally closed contacts) Actuator function Image: Contacts (normally closed contacts) Equipment heat dissipation, current-dependent Pvid Image: Contact (normally closed contacts) Heat dissipation capacity Pdiss Image: Contact (normally closed contacts) Reted operational current for specified heat dissipation (n) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts) Image: Contact (normally closed contacts)	Control circuit reliability	
Number of auxiliary contacts (normally open contacts)Image: Contacts (normally open contacts)Image: Contacts (normally open contacts)ActuatorActuator functionImage: Contacts (normally open contacts)Image: Contacts (normally open contacts)Actuator functionActuator functionImage: Contacts (normally open contacts)Image: Contacts (normally open contacts)Actuator functionImage: Contacts (normally open contacts)Image: Contacts (normally open contacts)Image: Contacts (normally open contacts)Design verificationImage: Contacts (normally open contacts)Image: Contacts (normally open contacts)Image: Contacts (normally open contacts)Image: Contact (normally contacts)Image: Contact (normal stability of enclosures)Image: Contact (normal stability of enclosures)Imag		0
Number of contacts Actuator B Actuator With 0 (0ff) position Maintained With 0 (0ff) position Maintained Actuator function With 0 (0ff) position Maintained With 0 (0ff) position Maintained Actuator type Short thumb-grip Design verification With 0 (0ff) position Maintained Requipment heat dissipation, current-dependent Pvid With 0 (0ff) position Maintained Heat dissipation capacity Pdiss With 0 (0ff) position Maintained Read operational current for specified heat dissipation (In) With 0 (0ff) position Meats the product standard's requirements. Rated operational current dependent Pvid With 0 (0ff) position Meats the product standard's requirements. 10.2.2 Corrosion resistance West the product standard's requirements. 10.2.3 Nexist. of insul. mat to abnormal heat/fire by internal elect. effects Meats the product standard's requirements. 10.2.3 Resist. of insul. mat to abnormal heat/fire by internal elect. effects Meats the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation With standard's requirements. 10.2.5 Lifting Des not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Des not apply, since the entire switchgear needs to be evalua	Number of auxiliary contacts (normally closed contacts)	0
Actuator With 0 (Off) position Maintained Actuator function With 0 (Off) position Maintained Actuator function With 0 (Off) position Maintained Actuator fype Short thumb-grip Design verification With 0 (Off) position Maintained Equipment heat dissipation, current-dependent Pvid With 0 (Off) position Maintained Heat dissipation capacity Pdiss W Heat dissipation per pole, current-dependent Pvid W Rated operational current for specified heat dissipation (In) 32 A Static heat dissipation, non-current-dependent Pvs W 10.2.2 Corrosion resistance W 10.2.3 I Verification of thermal stability of enclosures Weets the product standard's requirements. 10.2.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Weets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Weets the product standard's requirements. 10.2.5 Lifting Dees not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Weet sen or apply, since the entire switchgear needs to be evaluated.	Number of auxiliary contacts (normally open contacts)	0
Actuator function With 0 (Off) position Actuator function With 0 (Off) position Actuator type Short thumb-grip Design verification V Equipment heat dissipation, current-dependent Pvid V Heat dissipation capacity Pdiss V Rated operational current for specified heat dissipation (In) V Static heat dissipation, non-current-dependent Pvid V 10.22 Corrosion resistance V 10.23.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.23.2 Verification of nersistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.24. Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.25. Lifting Oes not apply, since the entire switchgear needs to be evaluated. 10.26. Mechanical impact Meets the product standard's requirements.	Number of contacts	8
Actuator type Maintained Design verification Short thumb-grip Equipment heat dissipation, current-dependent Pvid 0 Heat dissipation capacity Pdiss 0 Heat dissipation per pole, current-dependent Pvid 0 Rated operational current for specified heat dissipation (In) 32 A Static heat dissipation, non-current-dependent Pvis 0 10.22 Corrosion resistance 0 10.23.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.23.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.24 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.25 Lifting Dees not apply, since the entire switchgear needs to be evaluated. 10.26 Mechanical impact Meets the product standard's requirements.	Actuator	
Design verificationImage: Section of the	Actuator function	
Equipment heat dissipation, current-dependent PvidOWHeat dissipation capacity PdissOWHeat dissipation per pole, current-dependent PvidOWRated operational current for specified heat dissipation (In)32 AStatic heat dissipation, non-current-dependent PvsOW10.2.2 Corrosion resistanceOW10.2.3 Lverification of thermal stability of enclosuresMets the product standard's requirements.10.2.3 Lverification of resistance of insulating materials to normal heatMets the product standard's requirements.10.2.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effectsMets the product standard's requirements.10.2.5 LiftingUV resistance only in connection with protective shield.10.2.6 Mechanical impactImpactDees not apply, since the entire switchgear needs to be evaluated.	Actuator type	Short thumb-grip
Heat dissipation capacity Pdiss 0W Heat dissipation per pole, current-dependent Pvid 1.1W Rated operational current for specified heat dissipation (In) 32 A Static heat dissipation, non-current-dependent Pvs 0W 10.2.2 Corrosion resistance 0W 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation UV resistance only in connection with protective shield. 10.2.5 Lifting Dees not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Toes not apply, since the entire switchgear needs to be evaluated.	Design verification	
Heat dissipation per pole, current-dependent Pvid 11 W Rated operational current for specified heat dissipation (In) 32 A Static heat dissipation, non-current-dependent Pvs 0W 10.2.2 Corrosion resistance 0W 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation UV resistance only in connection with protective shield. 10.2.5 Lifting Dees not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Image: State State State Action State Sta	Equipment heat dissipation, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In) 32 A Static heat dissipation, non-current-dependent Pvs 0 W 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Meets Does not apply, since the entire switchgear needs to be evaluated.	Heat dissipation capacity Pdiss	0 W
Static heat dissipation, non-current-dependent Pvs 0W 10.2.2 Corrosion resistance 0W 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Meets Does not apply, since the entire switchgear needs to be evaluated.	Heat dissipation per pole, current-dependent Pvid	1.1 W
10.2.2 Corrosion resistanceMeets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heatMeets the product standard's requirements.10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactMeets the orduct standard's requirements.	Rated operational current for specified heat dissipation (In)	32 A
10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Meets the product standard's requirements.	Static heat dissipation, non-current-dependent Pvs	0 W
10.2.3.2 Verification of resistance of insulating materials to normal heatImage: Construct of the product standard's requirements.10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactMeets the product standard's requirements.	10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation UV resistance only in connection with protective shield. 10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Does not apply, since the entire switchgear needs to be evaluated.	10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiationImage: Constant of the entire system of t	10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Does not apply, since the entire switchgear needs to be evaluated.	10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.6 Mechanical impact Does not apply, since the entire switchgear needs to be evaluated.	10.2.4 Resistance to ultra-violet (UV) radiation	UV resistance only in connection with protective shield.
	10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions Meets the product standard's requirements.	10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
	10.2.7 Inscriptions	Meets the product standard's requirements.

10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
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.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Off-load switch (EC001105)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Changeover switch (ecl@ss10.0.1-27-37-14-05 [AKF062013])

Model		Dahlander switch
Number of poles		3
With zero (off) position		Yes
With retraction in 0-position		No
Rated permanent current lu	А	32
Rated operation current le at AC-3, 400 V	А	23.7
Rated operation power at AC-3, 400 V	kW	12
Degree of protection (IP), front side		IP65
Degree of protection (NEMA), front side		12
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
Suitable for floor mounting		No
Suitable for front mounting		Yes
Suitable for distribution board installation		No
Suitable for intermediate mounting		No
Complete device in housing		No
Material housing		Plastic
Type of control element		Short thumb-grip
Type of electrical connection of main circuit		Screw connection